

APPENDIX E: One-Page Summary Reports for Recommended Flood Management Evaluations and Flood Management Strategies

Flood Management Evaluation (FME)



Title Archer County FEMA Mapping
 ID# 031000001
 Sponsor (name of entity, not person) 00000223
 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 Archer Watershed HUC# (if known) 120402030105,120302030307,120402030106,120402030200,120302030
 Drainage area (Square miles, est.) 923 Goal(s) 03000005, 03000006

100-Year Flood Risk Summary

Population at risk 5 # of structures 1 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 4,394 Roadway(s) impacted (length) 8
 Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$1,254,000 Amount of Available Funding 125,400 Federal funding availability Yes
 Funding source Local



Flood Management Evaluation (FME)



Title Anderson County FEMA Mapping
 ID# 031000002
 Sponsor (name of entity, not person) 00000156
 RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

Study Details

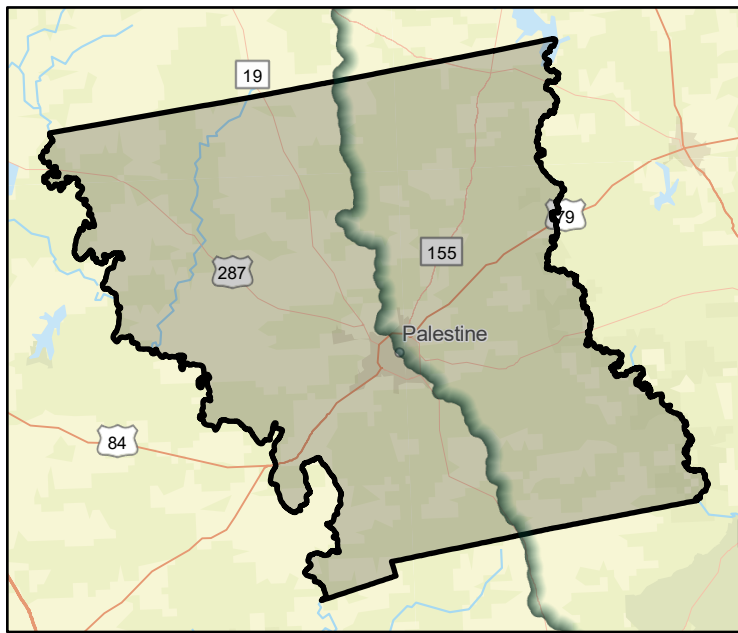
Study type Watershed Planning
 Study description Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Anderson Watershed HUC# (if known) 120301050506,120302010204,120302010205,
 Drainage area (Square miles, est.) 1,073 Goal(s) 03000005, 03000006

100-Year Flood Risk Summary

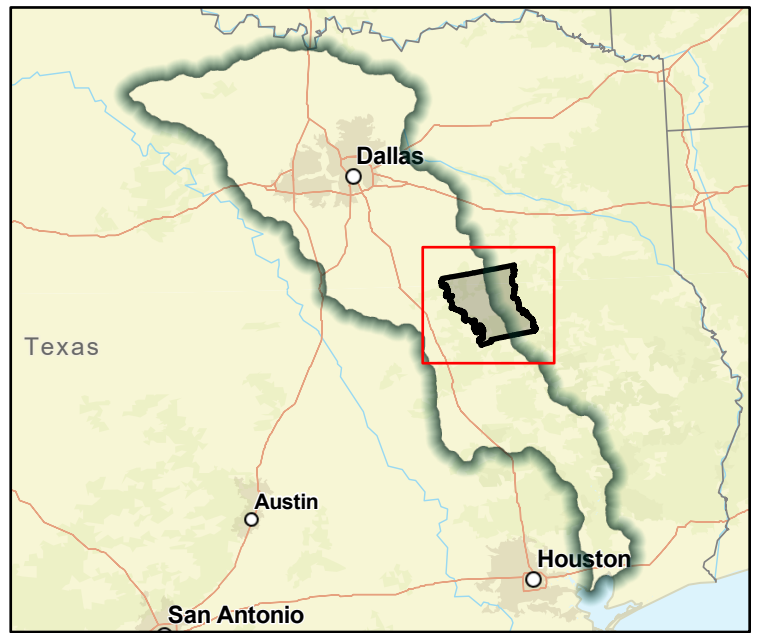
Population at risk 1,408 # of structures 667 Critical facilities 6
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 36,104 Roadway(s) impacted (length) 73
 Number of low water crossings 6 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$1,500,000 Amount of Available Funding 0 Federal funding availability No
 Funding source <Null>



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Chambers County FEMA Mapping**

ID# **031000003**

Sponsor (name of entity, not person) **00000013**

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

Drainage area (Square miles, est.) **630** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **7,117** # of structures **2,225** Critical facilities **26**

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

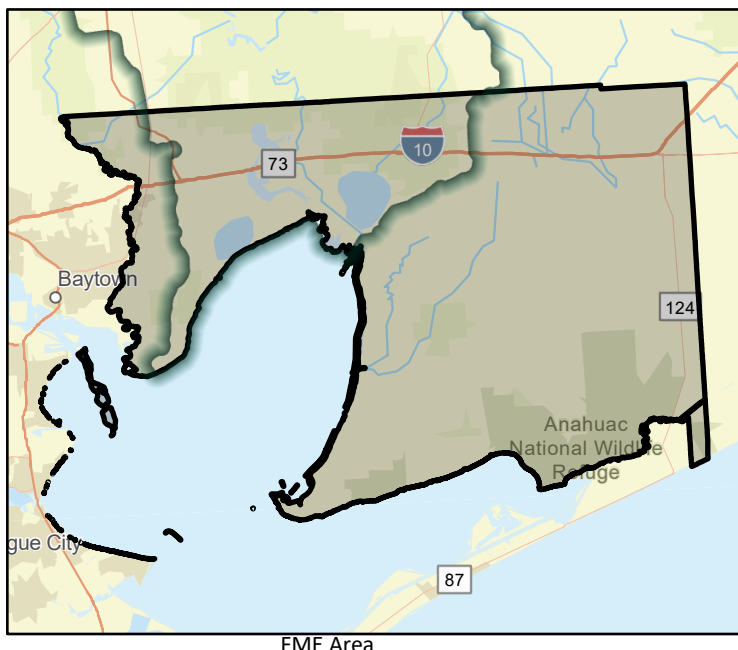
Farm/Ranch land impacted (acres) **4,747** Roadway(s) impacted (length) **53**

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

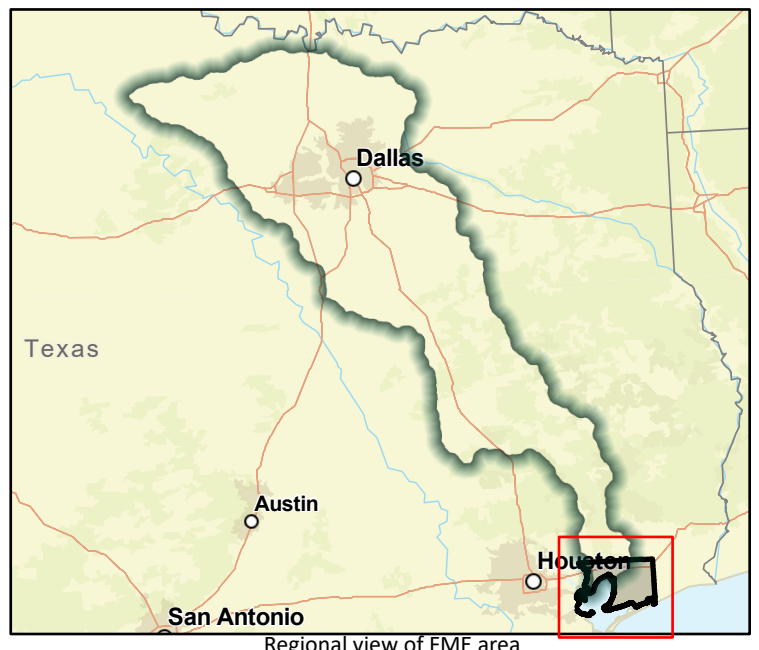
Estimated Cost and Funding Availability

Total Cost **\$874,000** Amount of Available Funding **87,400** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Clay County FEMA Mapping**

ID# **031000004**

Sponsor (name of entity, not person) **00000194**

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

Drainage area (Square miles, est.) **1,108** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **16** # of structures **28** Critical facilities **0**

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

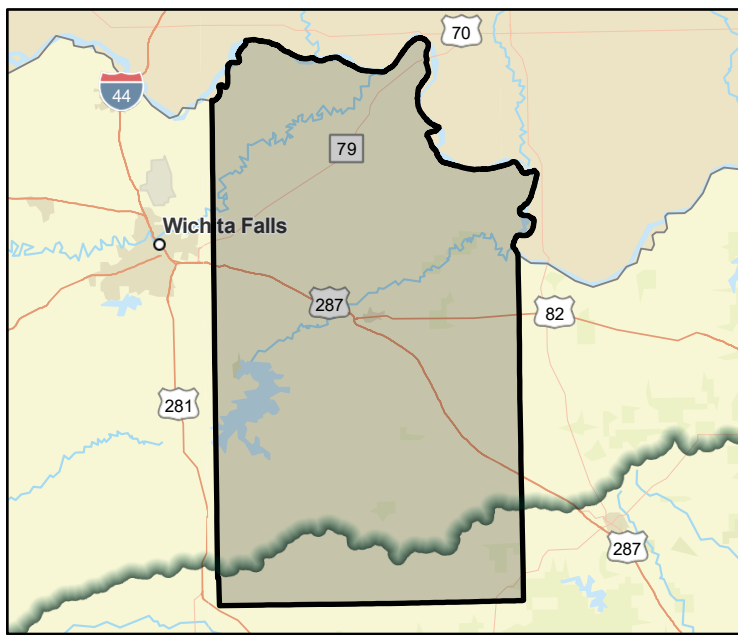
Farm/Ranch land impacted (acres) **4,621** Roadway(s) impacted (length) **18**

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

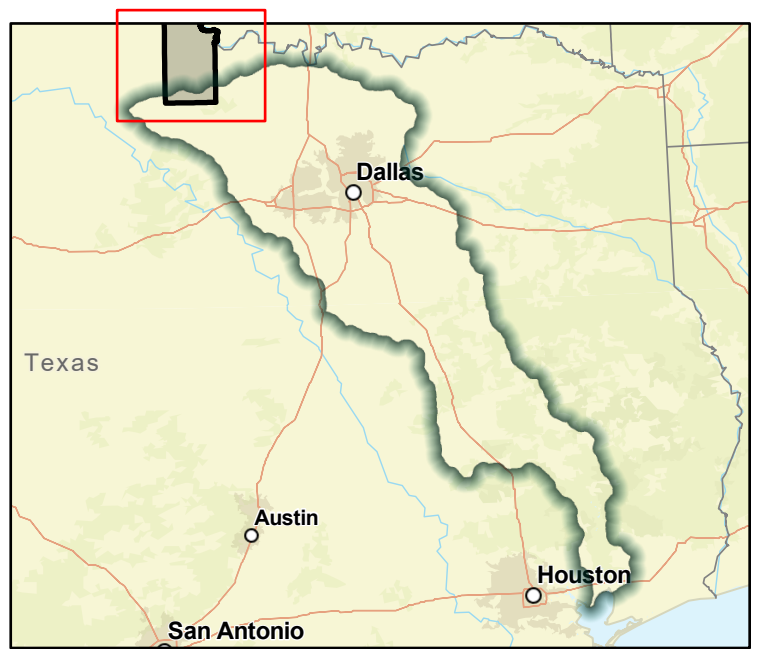
Estimated Cost and Funding Availability

Total Cost **\$1,470,000** Amount of Available Funding **147,000** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Collin County FEMA Mapping**

ID# **031000005**

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

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

Drainage area (Square miles, est.) **883** Goal(s) **03000005, 03000006**

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 **-**

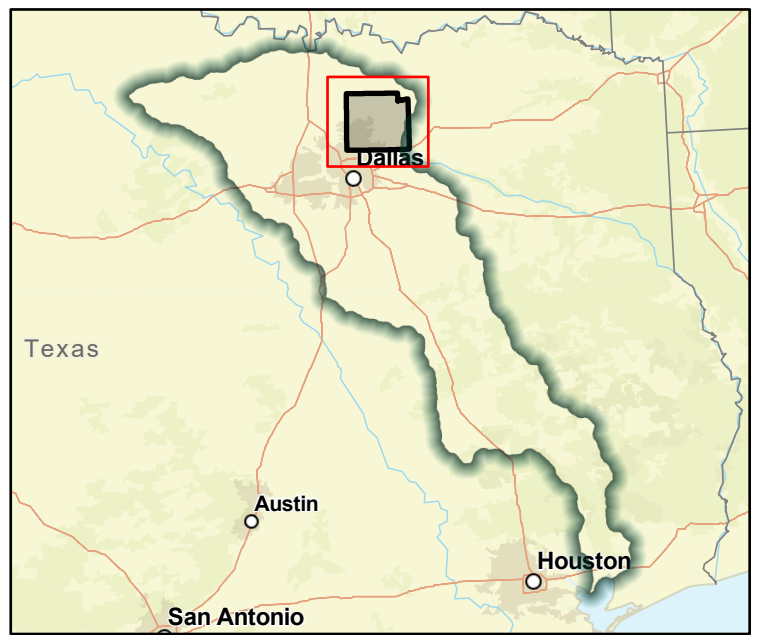
Estimated Cost and Funding Availability

Total Cost **\$1,041,000** Amount of Available Funding **104,100** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Cooke County FEMA Mapping**

ID# **031000006**

Sponsor (name of entity, not person) **00000189**

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

Drainage area (Square miles, est.) **893** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **2,077** # of structures **1,328** Critical facilities **6**

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

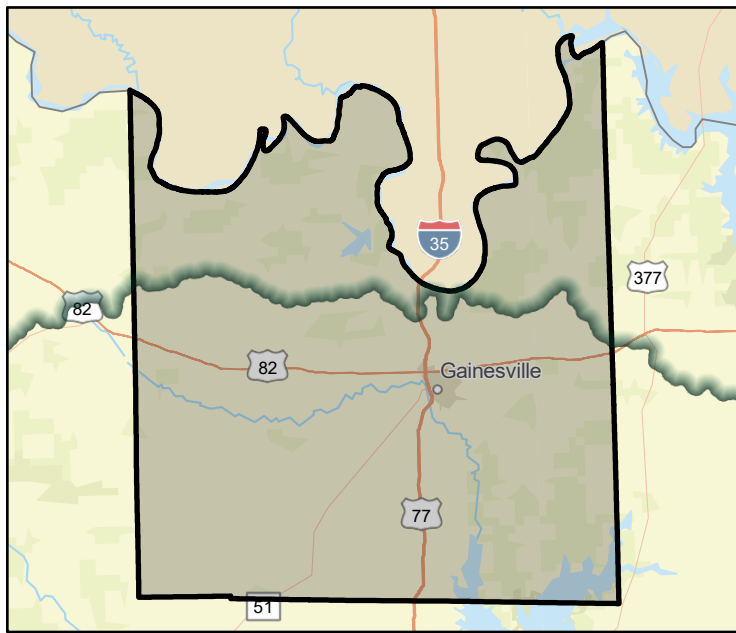
Farm/Ranch land impacted (acres) **40,870** Roadway(s) impacted (length) **81**

Number of low water crossings **32** Historical road closures **-**

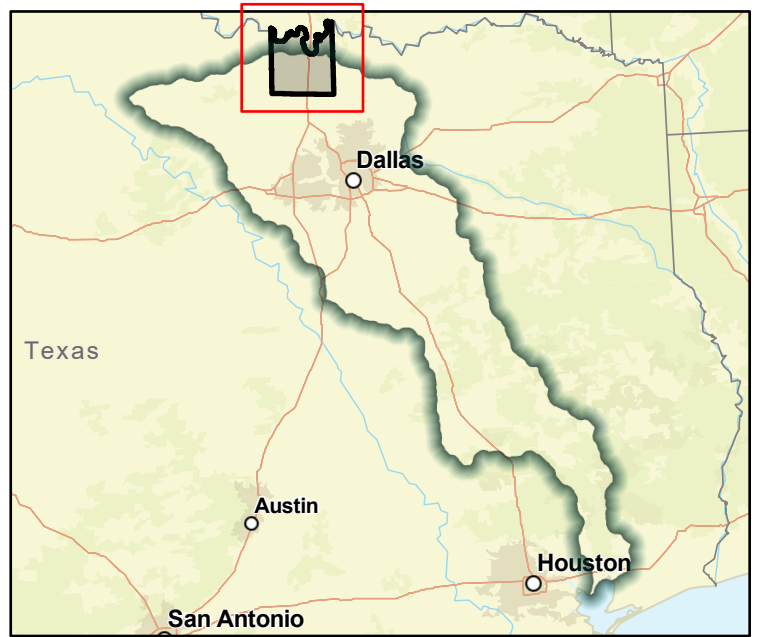
Estimated Cost and Funding Availability

Total Cost **\$1,133,000** Amount of Available Funding **113,300** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Denton County FEMA Mapping**

ID# **031000007**

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

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) **120302030202,120402030105,120302030203,120402040100,120402020**

Drainage area (Square miles, est.) **948** Goal(s) **03000005, 03000006**

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 **-**

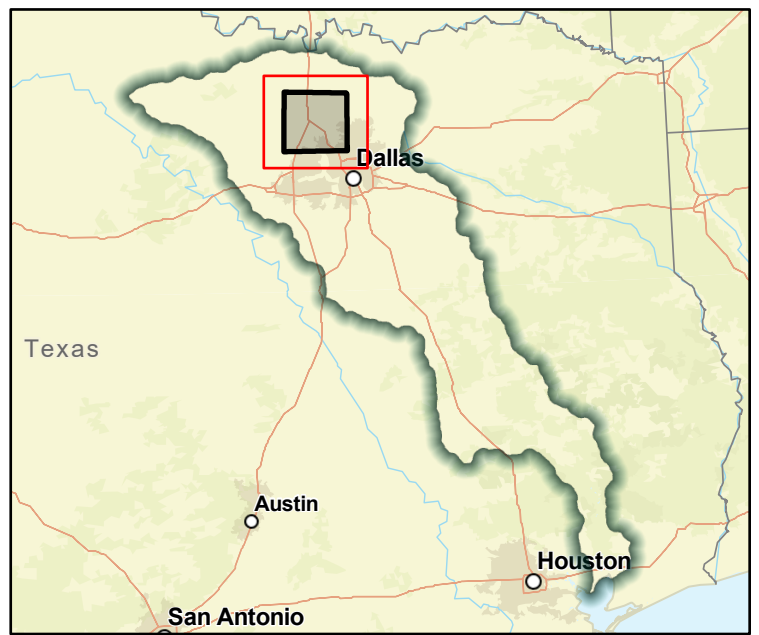
Estimated Cost and Funding Availability

Total Cost **\$1,140,000** Amount of Available Funding **114,000** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Ellis County FEMA Mapping**

ID# **031000008**

Sponsor (name of entity, not person) **03000105**

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

Drainage area (Square miles, est.) **948** Goal(s) **03000005, 03000006**

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**

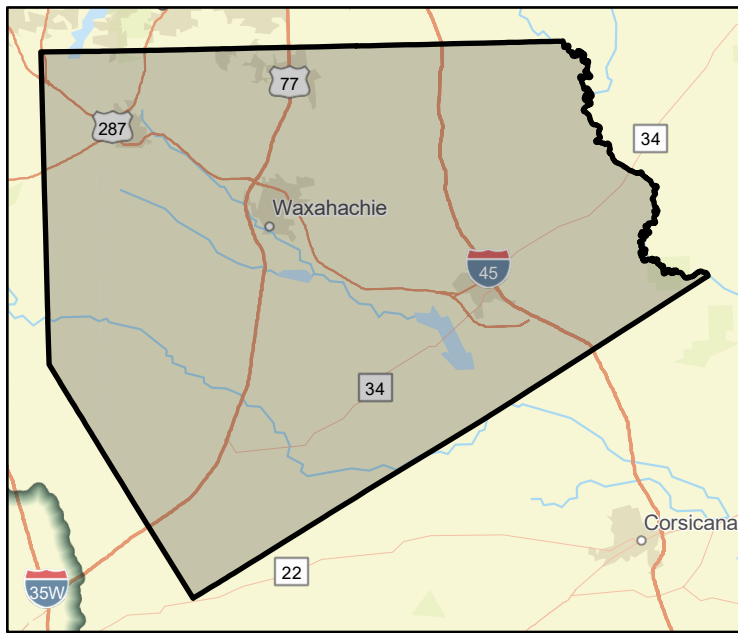
Farm/Ranch land impacted (acres) **90,231** Roadway(s) impacted (length) **214**

Number of low water crossings **57** Historical road closures **-**

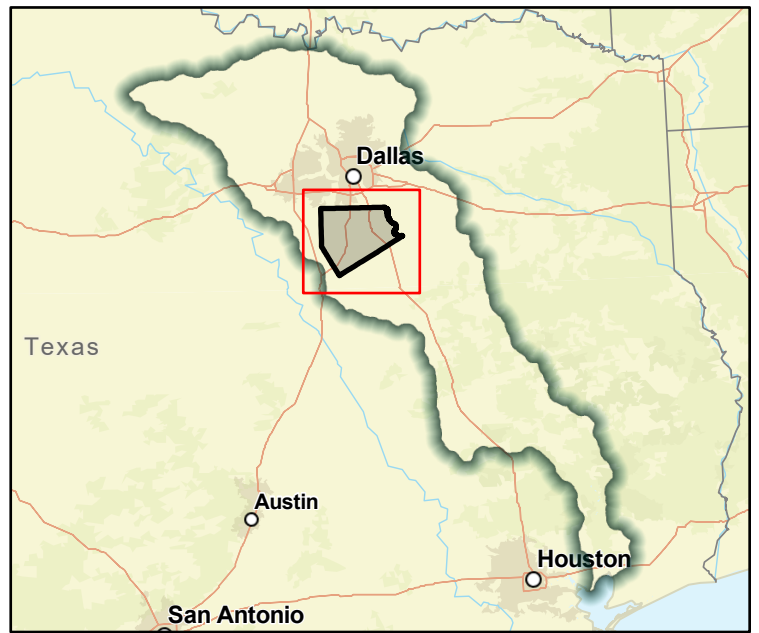
Estimated Cost and Funding Availability

Total Cost **\$1,182,000** Amount of Available Funding **118,200** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Fannin County FEMA Mapping**

ID# **031000009**

Sponsor (name of entity, not person) **00000188**

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

Drainage area (Square miles, est.) **897** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **93** # of structures **139** Critical facilities **0**

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

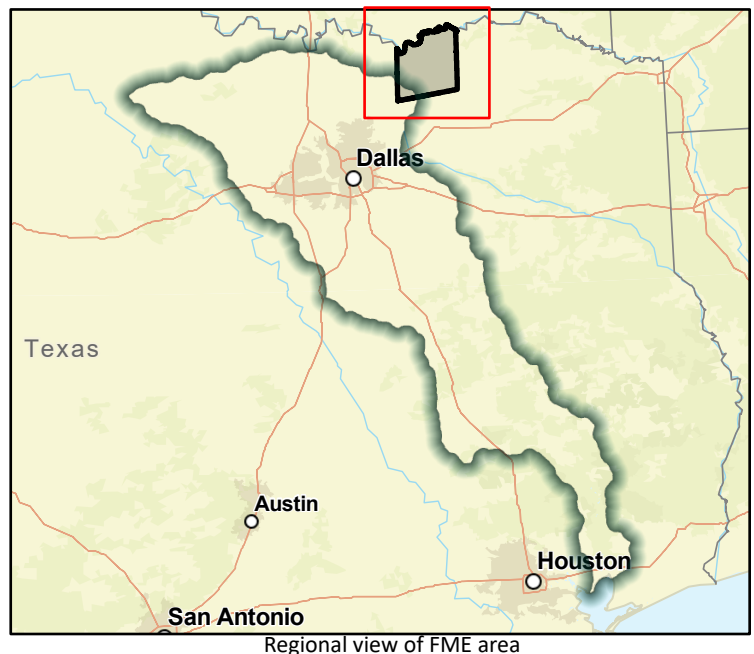
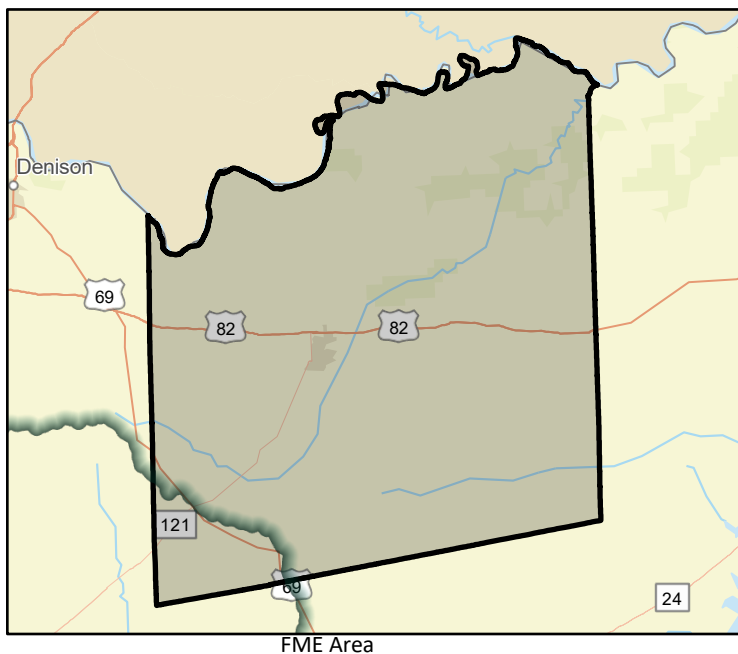
Farm/Ranch land impacted (acres) **1,783** Roadway(s) impacted (length) **4**

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

Estimated Cost and Funding Availability

Total Cost **\$1,183,000** Amount of Available Funding **0** Federal funding availability **No**

Funding source **<Null>**



Flood Management Evaluation (FME)



Title **Freestone County FEMA Mapping**

ID# **031000010**

Sponsor (name of entity, not person) **00000143**

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

Drainage area (Square miles, est.) **888** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **389** # of structures **557** Critical facilities **3**

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

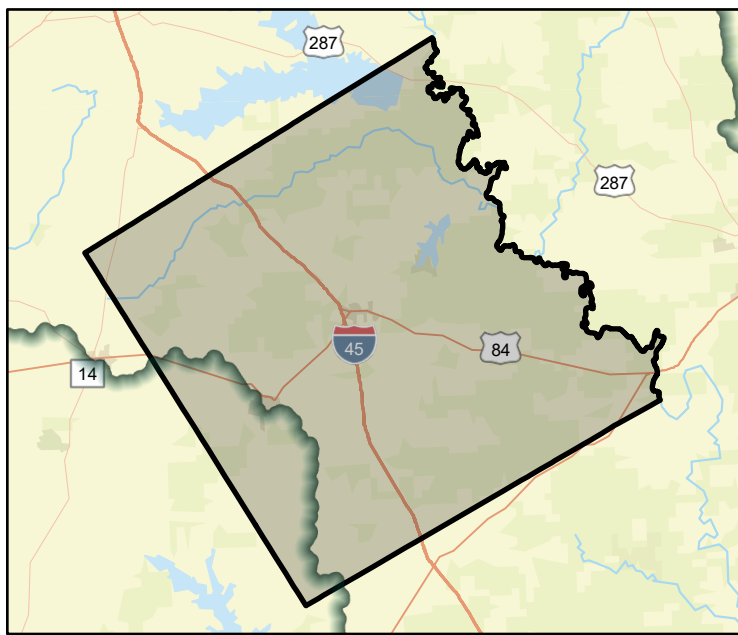
Farm/Ranch land impacted (acres) **48,504** Roadway(s) impacted (length) **91**

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

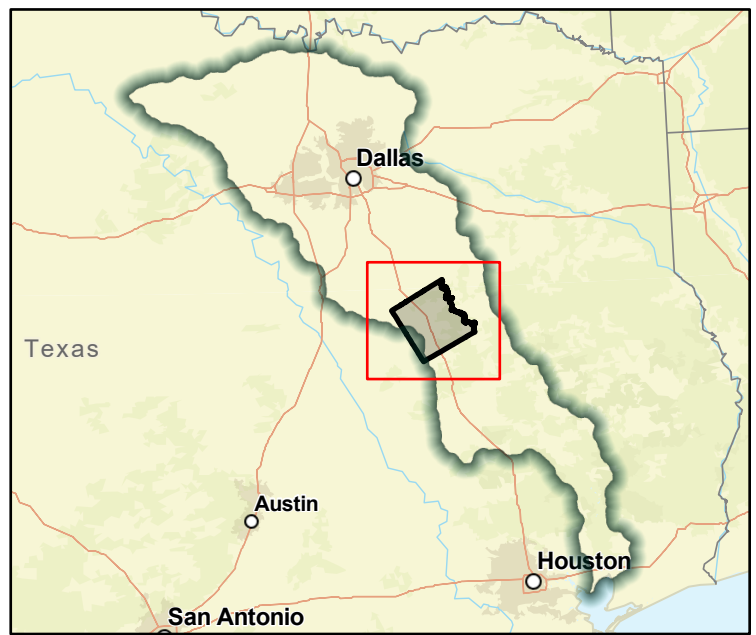
Estimated Cost and Funding Availability

Total Cost **\$1,201,000** Amount of Available Funding **120,100** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Grayson County FEMA Mapping**

ID# **031000011**

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

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

Drainage area (Square miles, est.) **976** Goal(s) **03000005, 03000006**

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**

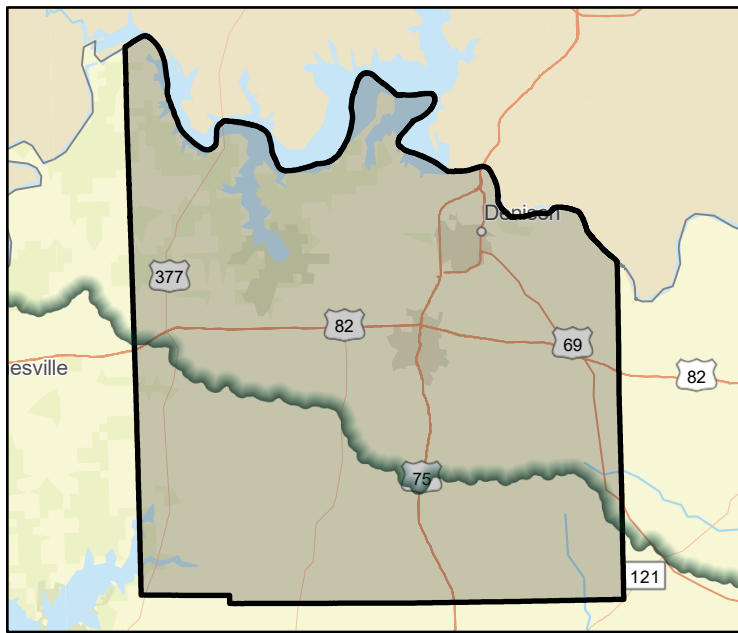
Farm/Ranch land impacted (acres) **21,312** Roadway(s) impacted (length) **43**

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

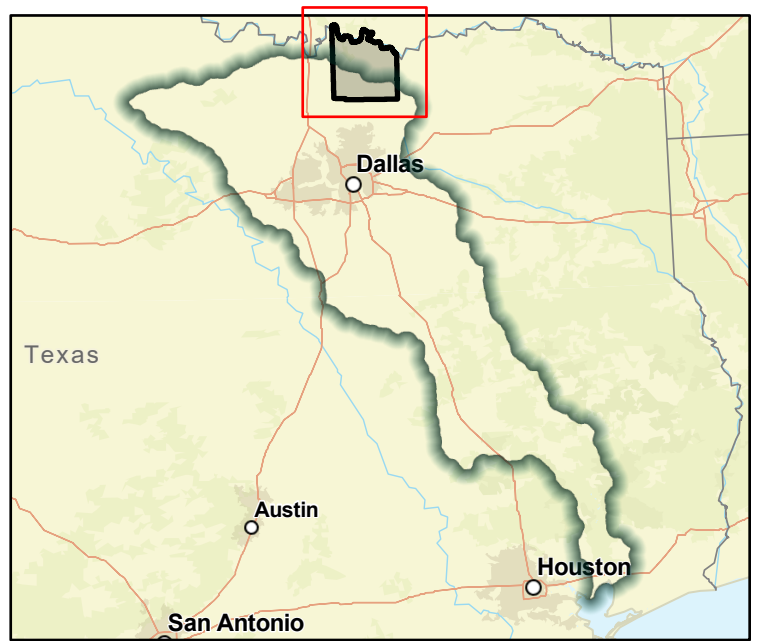
Estimated Cost and Funding Availability

Total Cost **\$1,228,000** Amount of Available Funding **122,800** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Grimes County FEMA Mapping**

ID# **031000012**

Sponsor (name of entity, not person) **00000044**

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

Drainage area (Square miles, est.) **799** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **49** # of structures **109** Critical facilities **0**

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

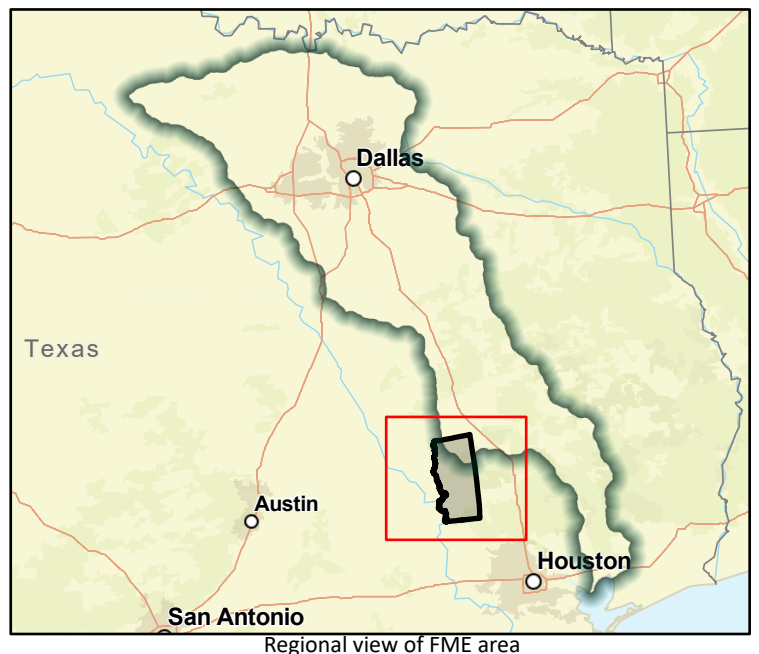
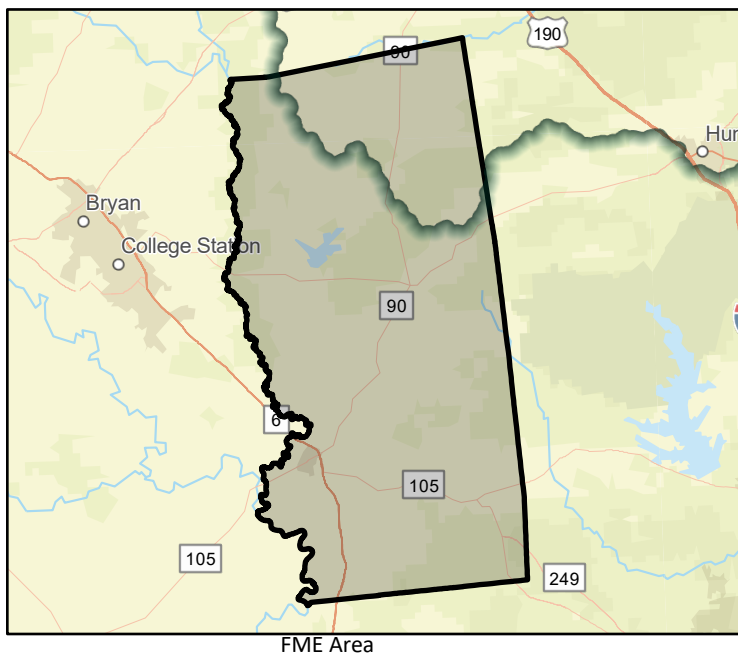
Farm/Ranch land impacted (acres) **9,749** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$1,334,000** Amount of Available Funding **133,400** Federal funding availability **Yes**

Funding source **Local**



Flood Management Evaluation (FME)



Title Henderson County FEMA Mapping
 ID# 031000013
 Sponsor (name of entity, not person) 00000164
 RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

Study Details

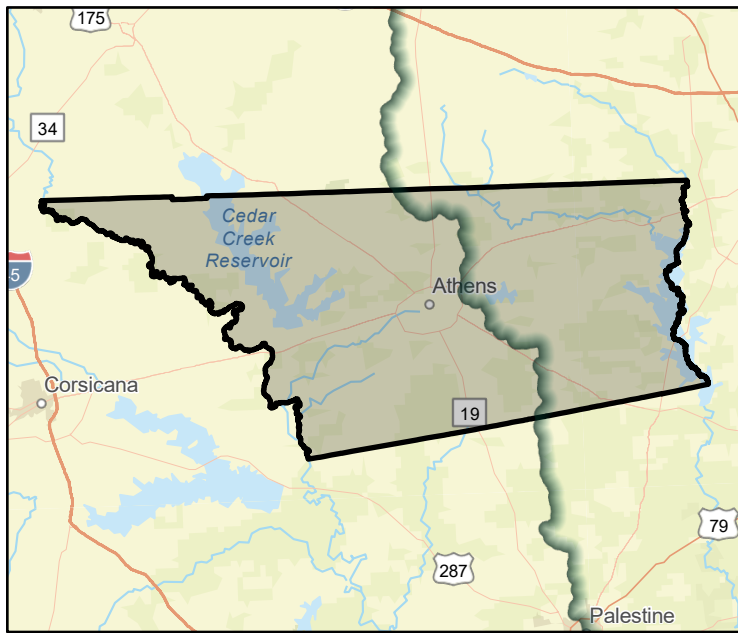
Study type Watershed Planning
 Study description Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Henderson Watershed HUC# (if known) 120302030202,120402030105,120302030203,120402040100,120402020
 Drainage area (Square miles, est.) 945 Goal(s) 03000005, 03000006

100-Year Flood Risk Summary

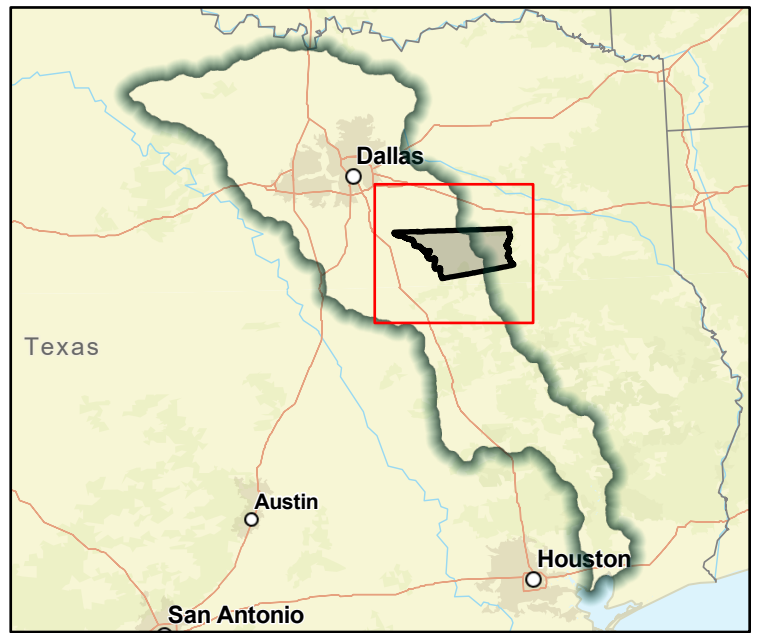
Population at risk 5,064 # of structures 2,066 Critical facilities 15
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 40,351 Roadway(s) impacted (length) 75
 Number of low water crossings 11 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$1,295,000 Amount of Available Funding 0 Federal funding availability No
 Funding source <Null>



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hill County FEMA Mapping**

ID# **031000014**

Sponsor (name of entity, not person) **00000161**

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

Drainage area (Square miles, est.) **982** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **109** # of structures **127** Critical facilities **0**

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

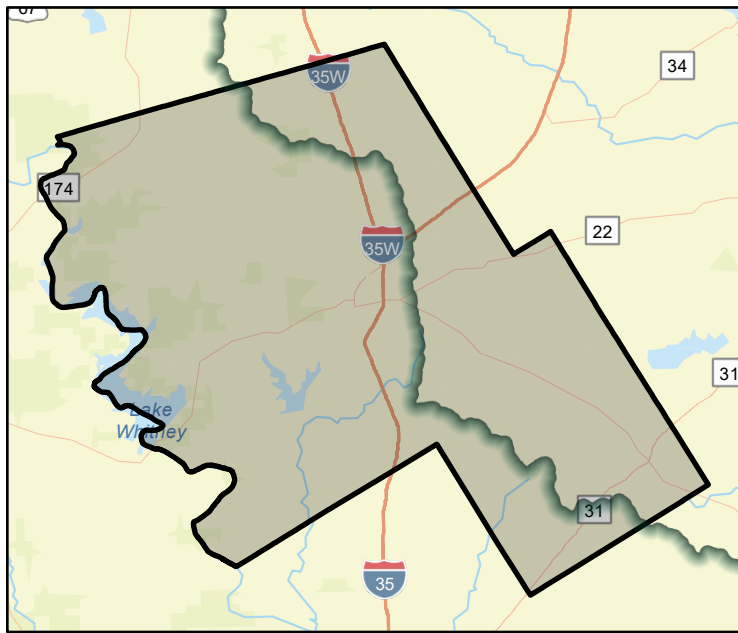
Farm/Ranch land impacted (acres) **24,895** Roadway(s) impacted (length) **24**

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

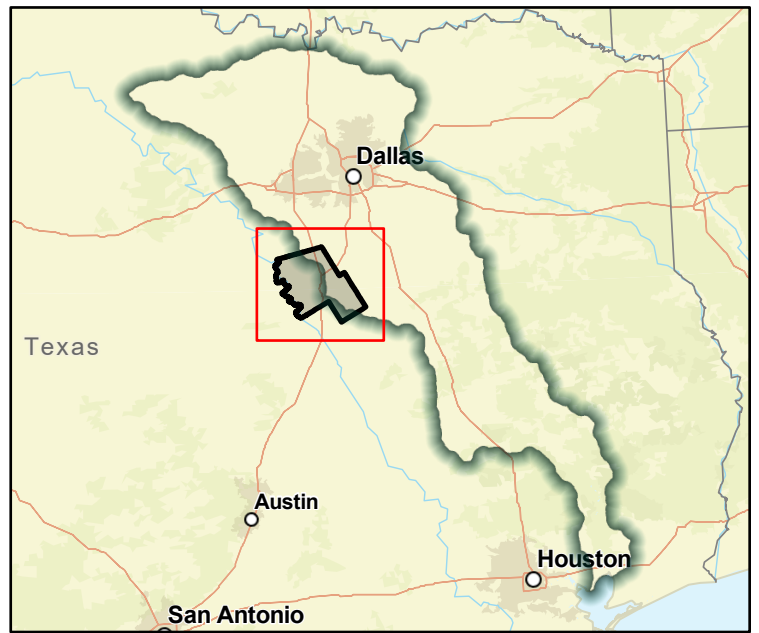
Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hood County FEMA Mapping**

ID# **031000015**

Sponsor (name of entity, not person) **00000103**

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

Drainage area (Square miles, est.) **439** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

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

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

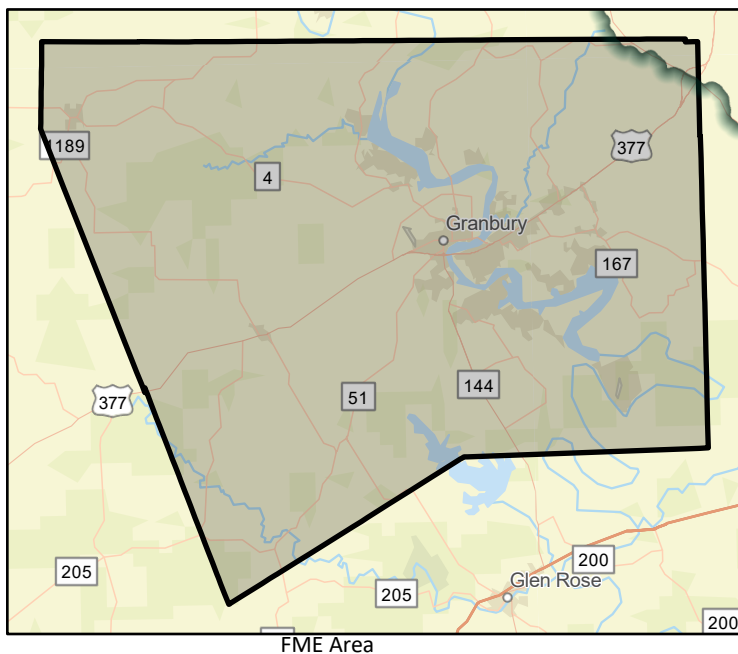
Farm/Ranch land impacted (acres) **137** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$539,000** Amount of Available Funding **53,900** Federal funding availability **Yes**

Funding source **Local**



Flood Management Evaluation (FME)



Title **Houston County FEMA Mapping**

ID# **031000016**

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

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

Drainage area (Square miles, est.) **1,232** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **321** # of structures **290** Critical facilities **5**

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

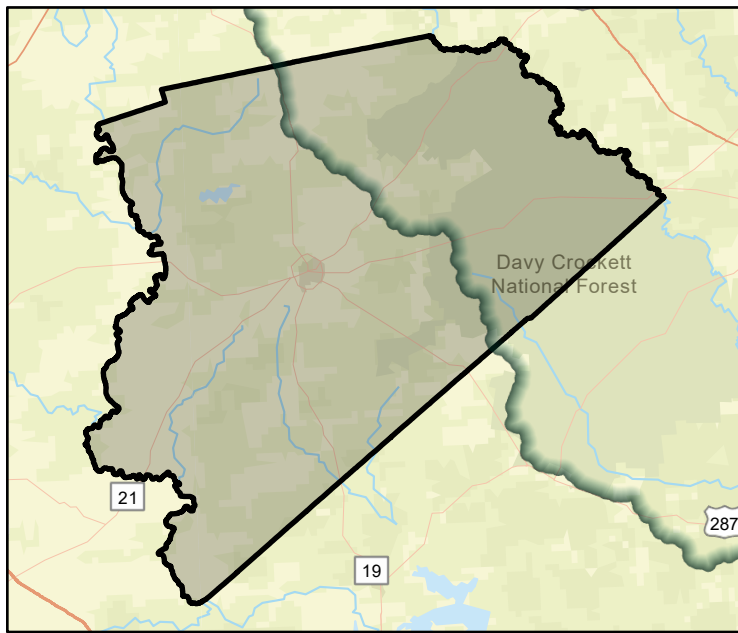
Farm/Ranch land impacted (acres) **12,612** Roadway(s) impacted (length) **110**

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

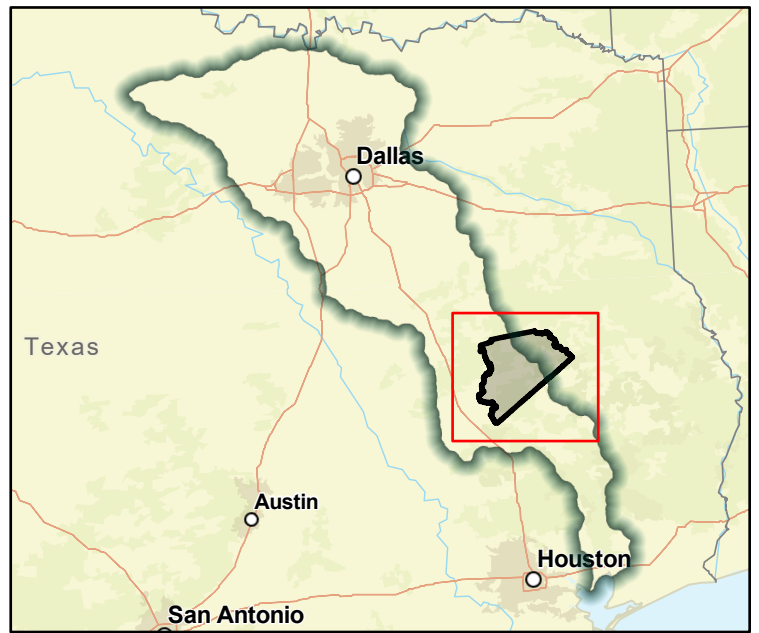
Estimated Cost and Funding Availability

Total Cost **\$1,809,000** Amount of Available Funding **180,900** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hunt County FEMA Mapping**

ID# **031000017**

Sponsor (name of entity, not person) **00000212**

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

Drainage area (Square miles, est.) **879** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **7** # of structures **27** Critical facilities **0**

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

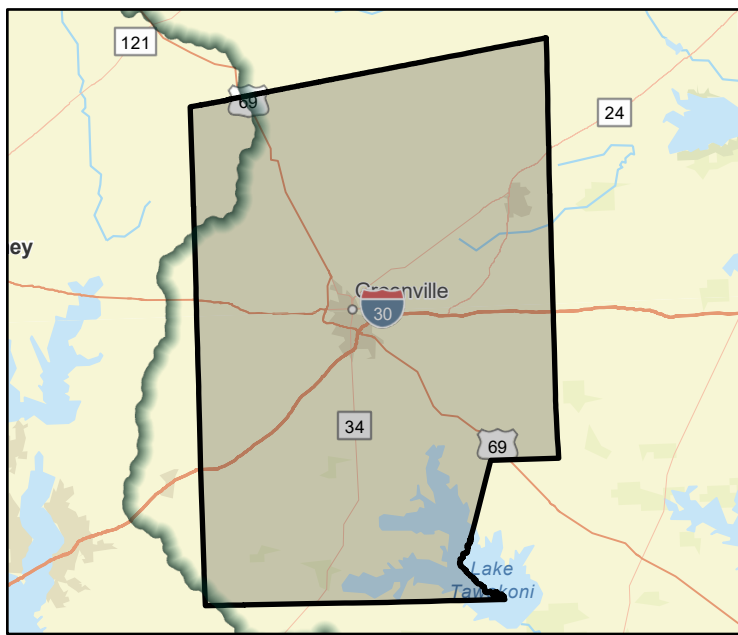
Farm/Ranch land impacted (acres) **2,149** Roadway(s) impacted (length) **4**

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

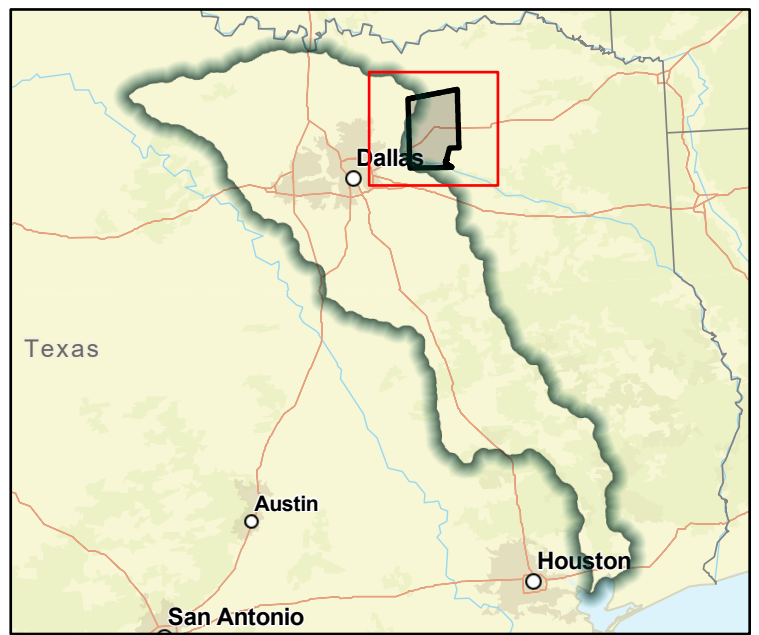
Estimated Cost and Funding Availability

Total Cost **\$1,064,000** Amount of Available Funding **106,400** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Jack County FEMA Mapping**

ID# **031000018**

Sponsor (name of entity, not person) **00000253**

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

Drainage area (Square miles, est.) **917** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **231** # of structures **268** Critical facilities **0**

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

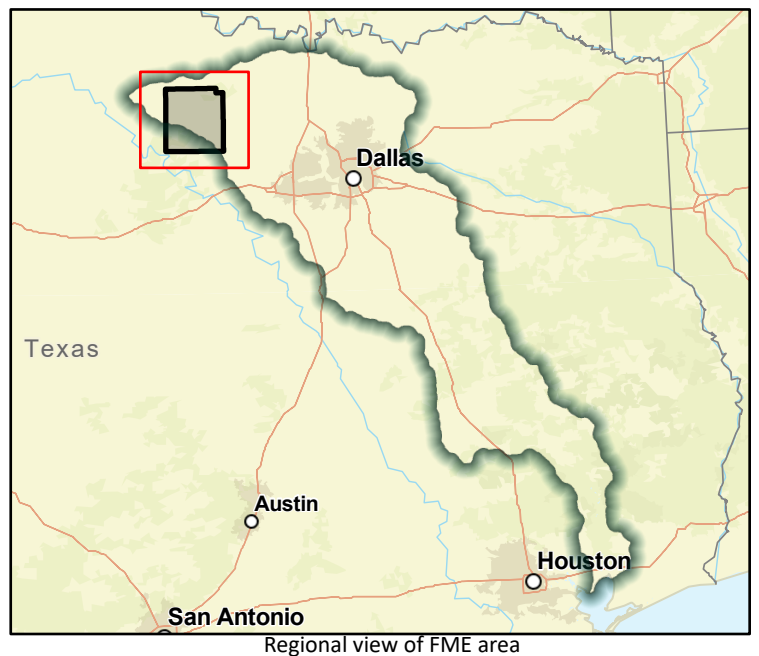
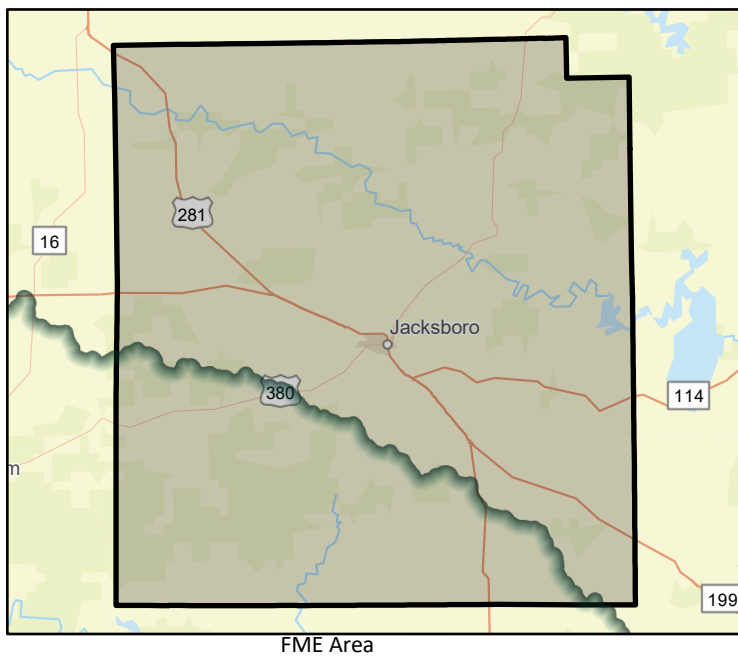
Farm/Ranch land impacted (acres) **33,805** Roadway(s) impacted (length) **55**

Number of low water crossings **6** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$1,122,000** Amount of Available Funding **112,200** Federal funding availability **Yes**

Funding source **Local**



Flood Management Evaluation (FME)



Title Johnson County FEMA Mapping
 ID# 031000019
 Sponsor (name of entity, not person) 00000104
 RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

Study Details

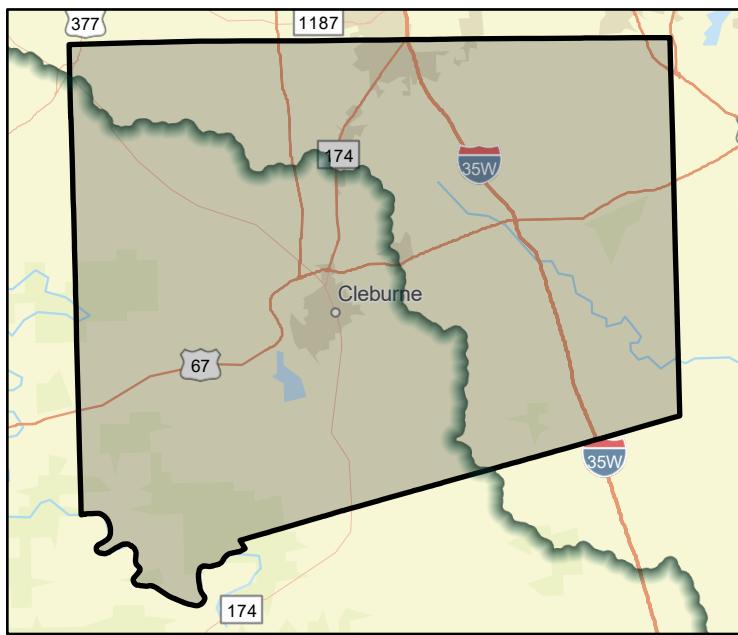
Study type Watershed Planning
 Study description Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Johnson Watershed HUC# (if known) 120302030202,120402030105,120302030203,120402040100,120402020
 Drainage area (Square miles, est.) 731 Goal(s) 03000005, 03000006

100-Year Flood Risk Summary

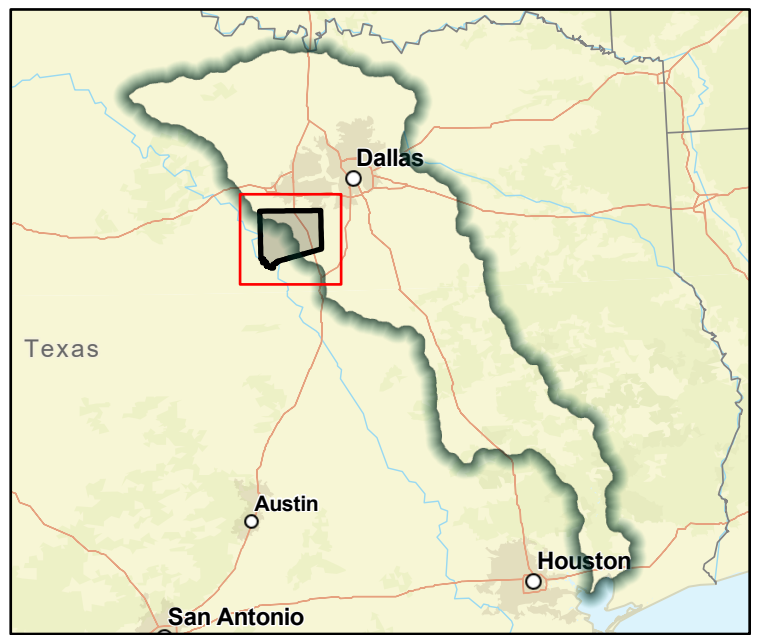
Population at risk 4,877 # of structures 1,839 Critical facilities 12
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 13,054 Roadway(s) impacted (length) 62
 Number of low water crossings 372 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$977,000 Amount of Available Funding 0 Federal funding availability No
 Funding source <Null>



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Kaufman County FEMA Mapping
 ID# 031000020
 Sponsor (name of entity, not person) 00000108
 RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

Study Details

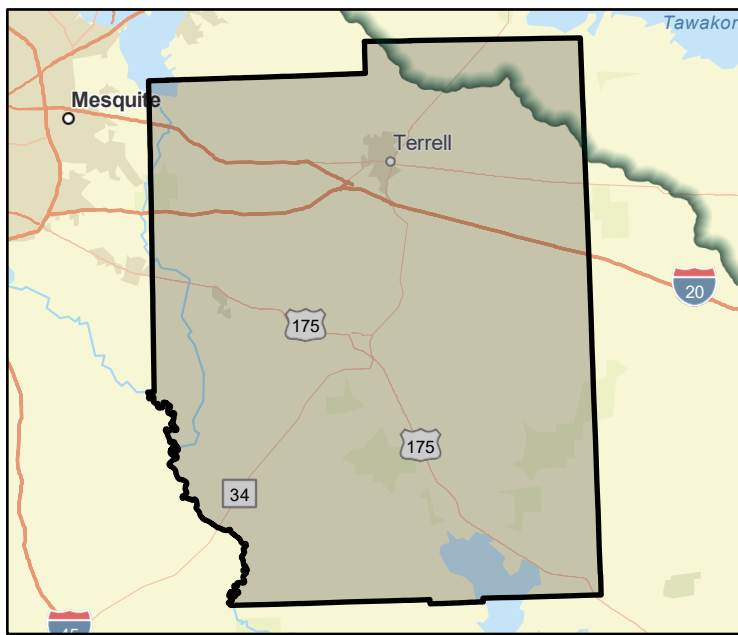
Study type Watershed Planning
 Study description Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Kaufman Watershed HUC# (if known) 120302030202,120402030105,120302030203,120402040100,120402020
 Drainage area (Square miles, est.) 804 Goal(s) 03000005, 03000006

100-Year Flood Risk Summary

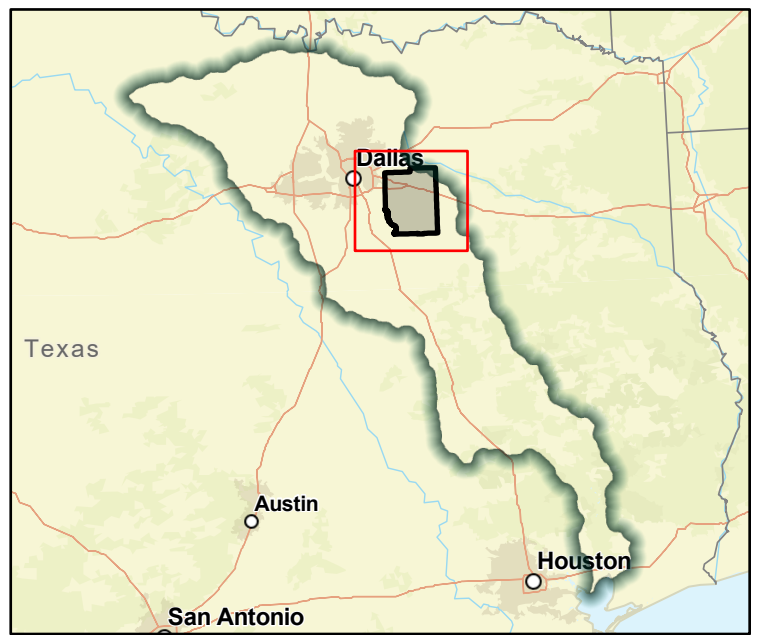
Population at risk 4,193 # of structures 2,086 Critical facilities 13
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 88,118 Roadway(s) impacted (length) 148
 Number of low water crossings 16 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$985,000 Amount of Available Funding 98,500 Federal funding availability Yes
 Funding source Local



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Leon County FEMA Mapping**

ID# **031000021**

Sponsor (name of entity, not person) **00000132**

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

Drainage area (Square miles, est.) **1,076** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **40** # of structures **50** Critical facilities **6**

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

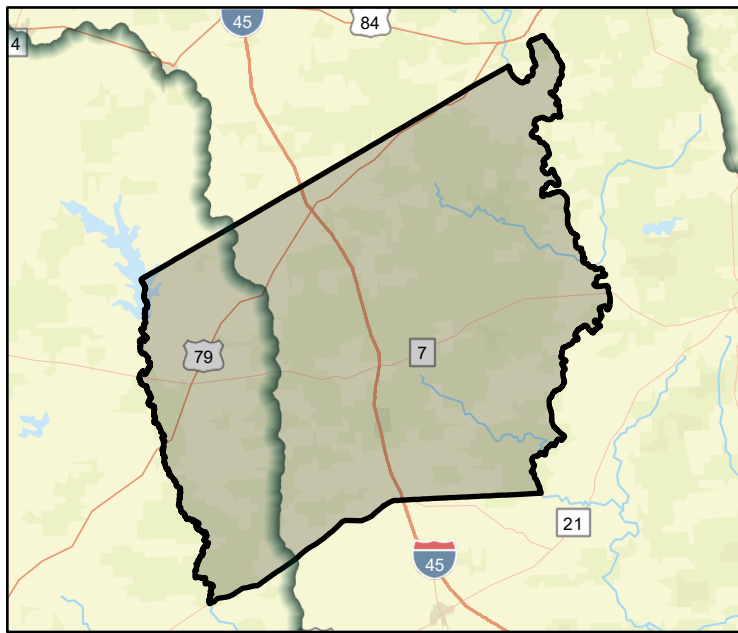
Farm/Ranch land impacted (acres) **2,040** Roadway(s) impacted (length) **100**

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

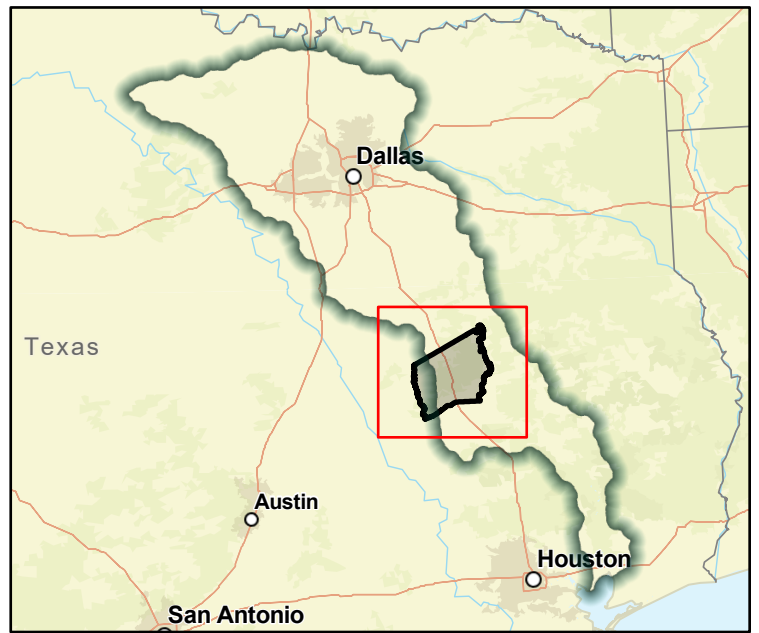
Estimated Cost and Funding Availability

Total Cost **\$1,503,000** Amount of Available Funding **150,300** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Liberty County FEMA Mapping**

ID# **031000022**

Sponsor (name of entity, not person) **00000033**

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

Drainage area (Square miles, est.) **1,169** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **12,221** # of structures **8,682** Critical facilities **87**

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

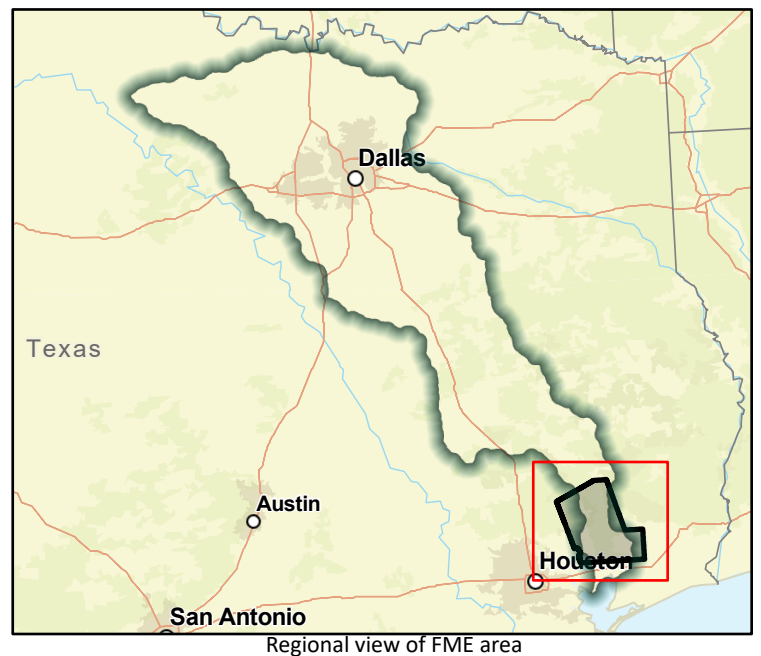
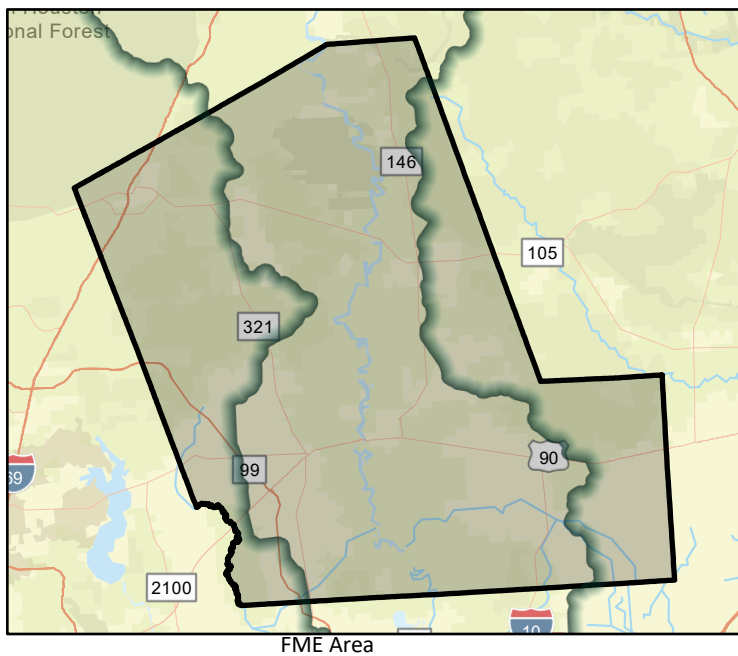
Farm/Ranch land impacted (acres) **48,897** Roadway(s) impacted (length) **257**

Number of low water crossings **6** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$1,214,000** Amount of Available Funding **121,400** Federal funding availability **Yes**

Funding source **Local**



Flood Management Evaluation (FME)



Title **Limestone County FEMA Mapping**

ID# **031000023**

Sponsor (name of entity, not person) **00000137**

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

Drainage area (Square miles, est.) **929** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **53** # of structures **62** Critical facilities **1**

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

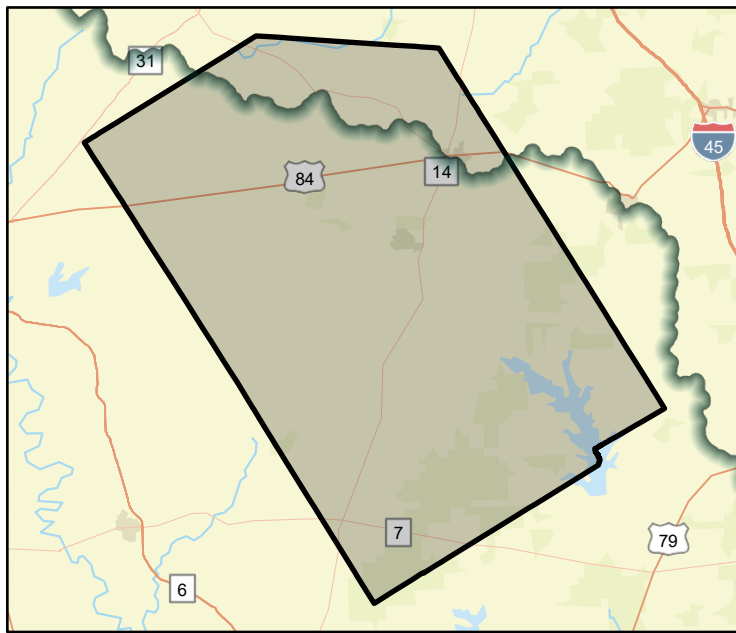
Farm/Ranch land impacted (acres) **10,684** Roadway(s) impacted (length) **13**

Number of low water crossings **3** Historical road closures **-**

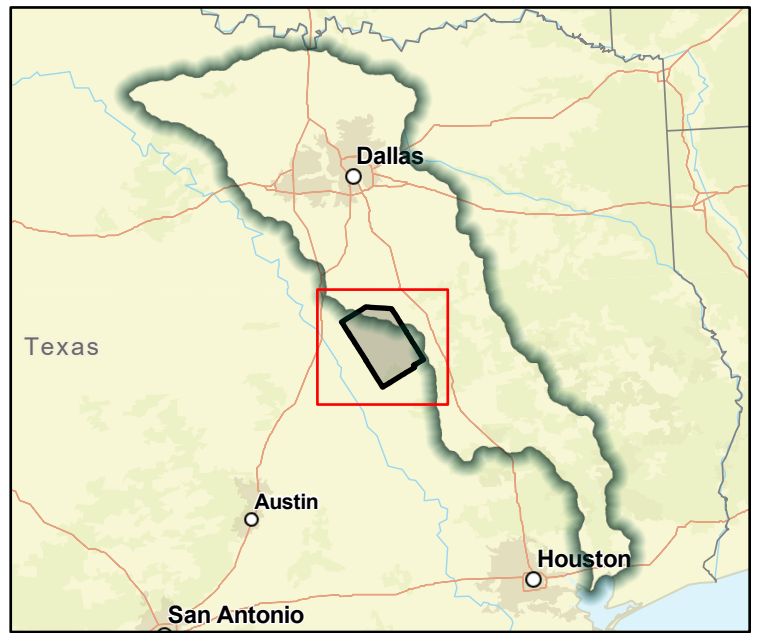
Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Madison County FEMA Mapping**

ID# **031000024**

Sponsor (name of entity, not person) **00000055**

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

Drainage area (Square miles, est.) **470** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **327** # of structures **409** Critical facilities **7**

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

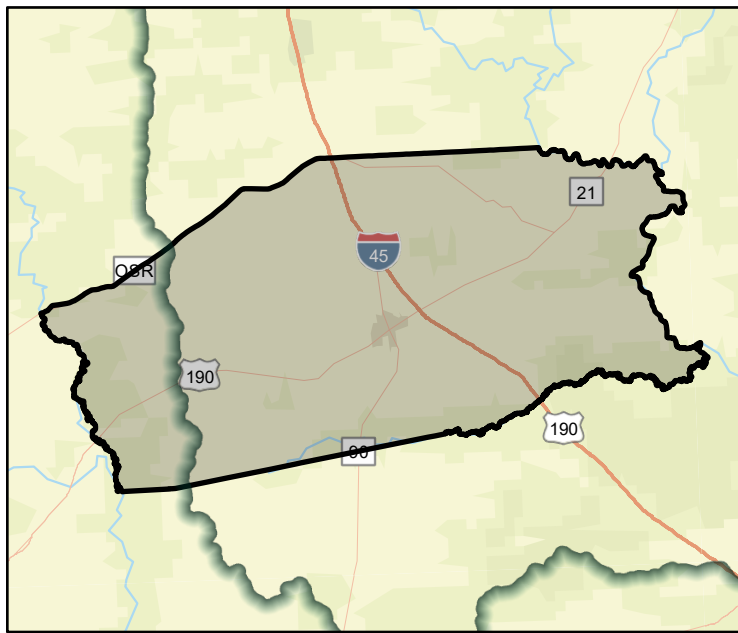
Farm/Ranch land impacted (acres) **45,094** Roadway(s) impacted (length) **58**

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

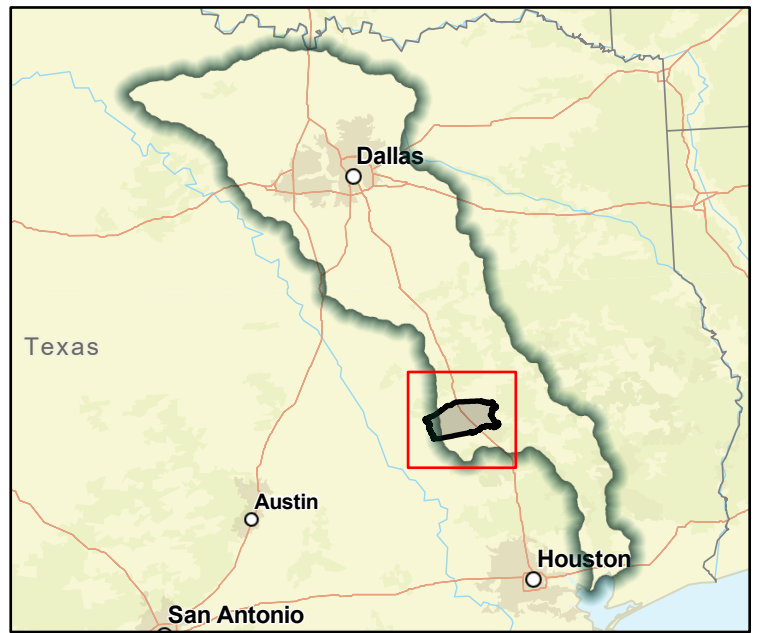
Estimated Cost and Funding Availability

Total Cost **\$724,000** Amount of Available Funding **0** Federal funding availability **No**

Funding source **<Null>**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Montague County FEMA Mapping**

ID# **031000025**

Sponsor (name of entity, not person) **00000191**

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

Drainage area (Square miles, est.) **933** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **19** # of structures **37** Critical facilities **0**

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

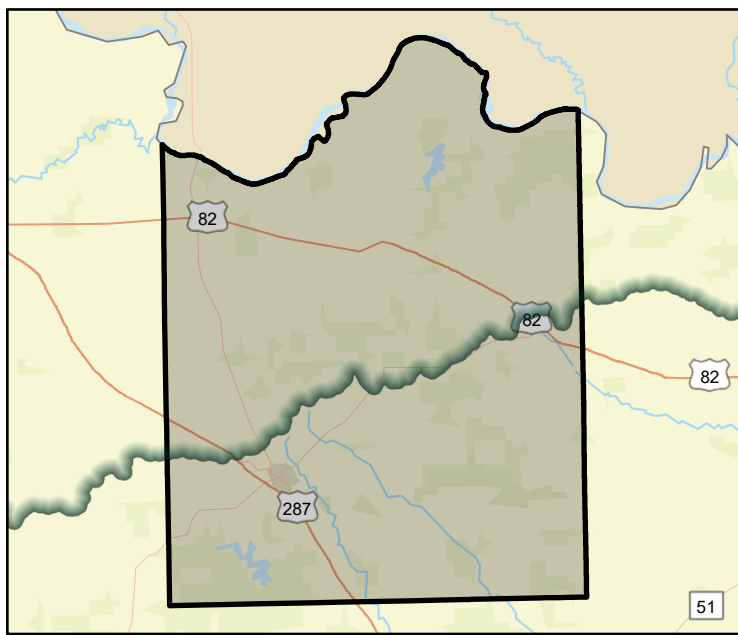
Farm/Ranch land impacted (acres) **3,015** Roadway(s) impacted (length) **57**

Number of low water crossings **3** Historical road closures **-**

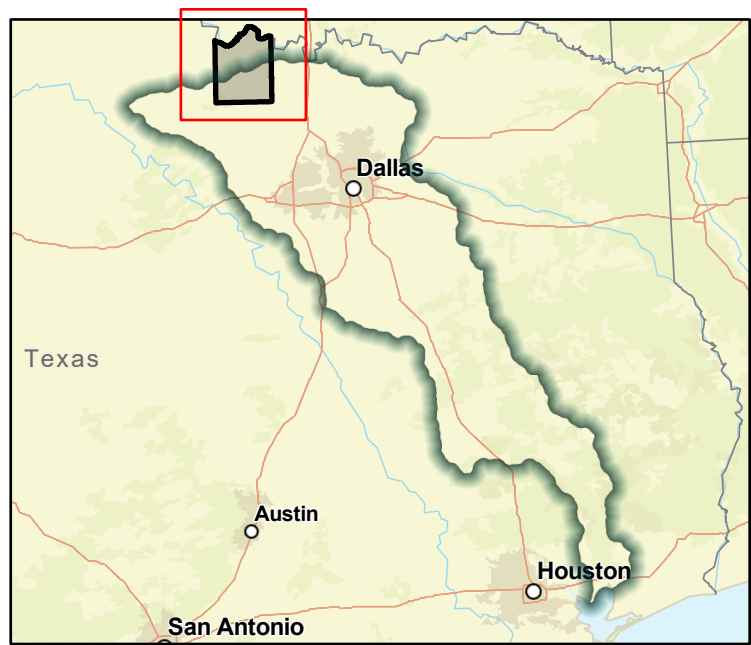
Estimated Cost and Funding Availability

Total Cost **\$1,203,000** Amount of Available Funding **120,300** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Navarro County FEMA Mapping**

ID# **031000026**

Sponsor (name of entity, not person) **03000163**

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

Drainage area (Square miles, est.) **1,081** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **2,576** # of structures **1,759** Critical facilities **11**

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

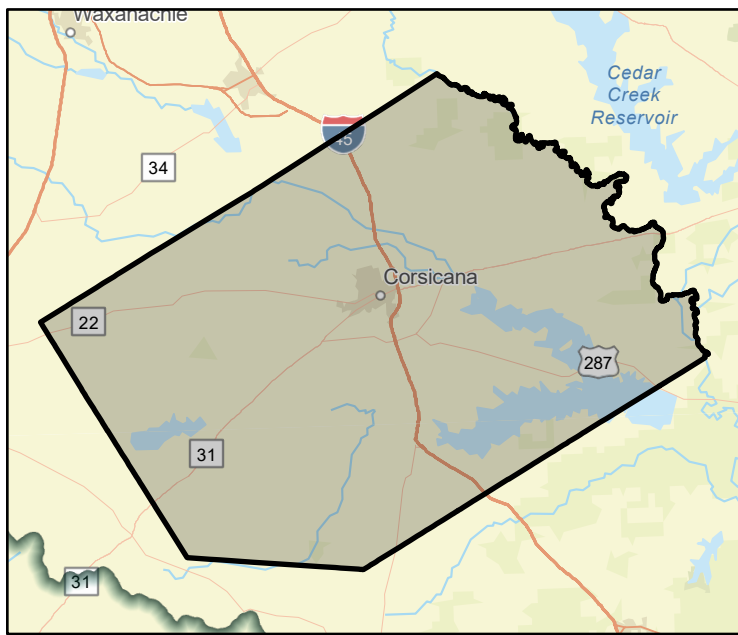
Farm/Ranch land impacted (acres) **106,570** Roadway(s) impacted (length) **211**

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

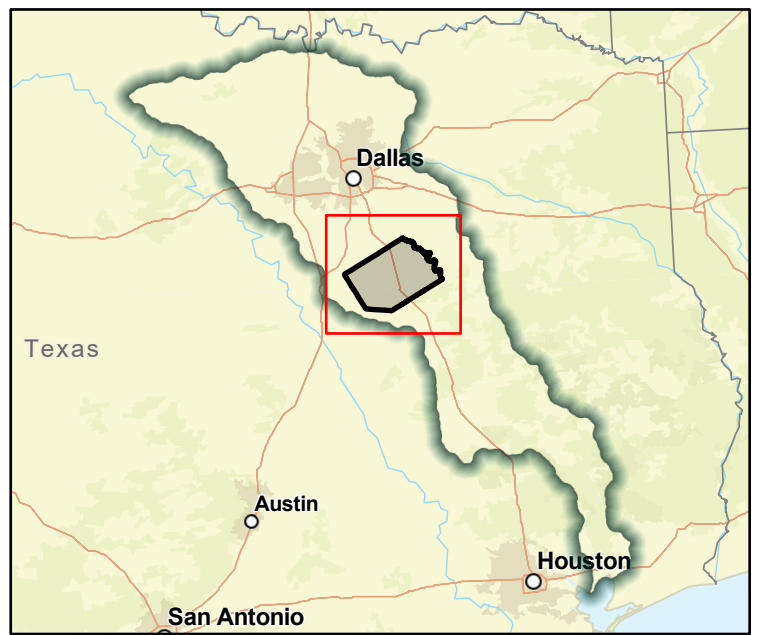
Estimated Cost and Funding Availability

Total Cost **\$1,482,000** Amount of Available Funding **148,200** Federal funding availability **Yes**

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Parker County FEMA Mapping**

ID# **031000027**

Sponsor (name of entity, not person) **00000122**

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

Drainage area (Square miles, est.) **903** Goal(s) **03000005, 03000006**

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 **-**

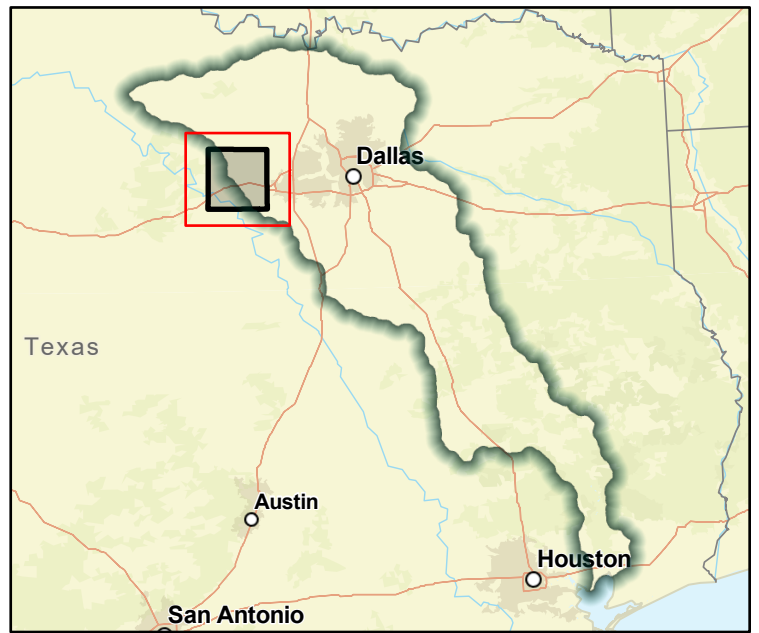
Estimated Cost and Funding Availability

Total Cost **\$1,144,000** Amount of Available Funding **0** Federal funding availability **No**

Funding source **<Null>**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Polk County FEMA Mapping**

ID# **031000028**

Sponsor (name of entity, not person) **00000058**

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

Drainage area (Square miles, est.) **1,106** Goal(s) **03000005, 03000006**

100-Year Flood Risk Summary

Population at risk **5,167** # of structures **3,485** Critical facilities **31**

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

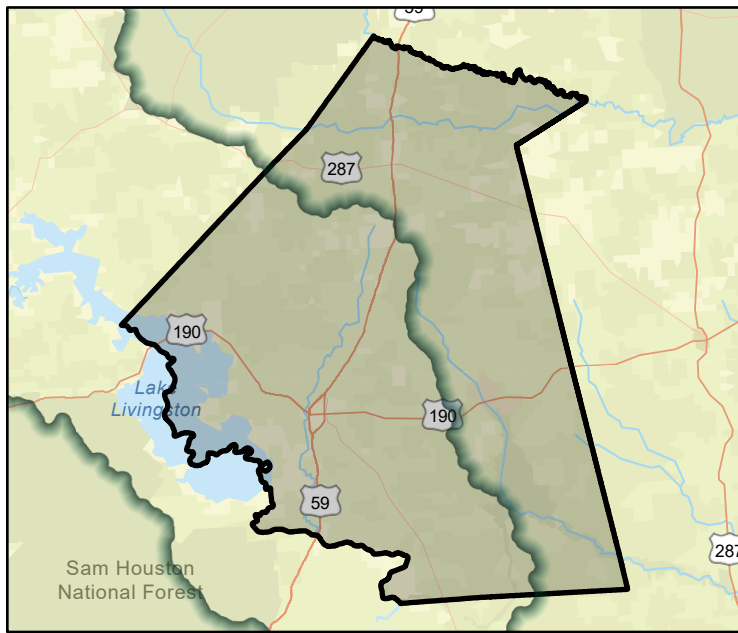
Farm/Ranch land impacted (acres) **15,994** Roadway(s) impacted (length) **92**

Number of low water crossings **3** Historical road closures **-**

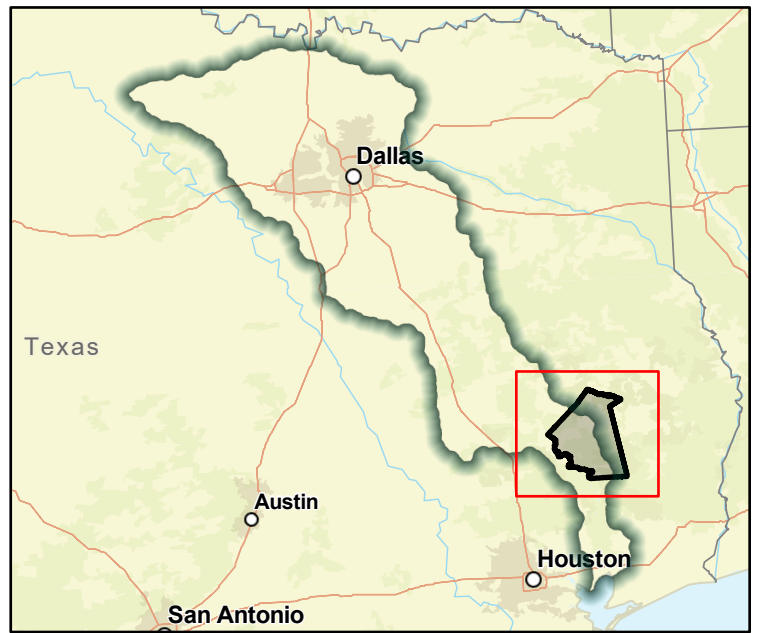
Estimated Cost and Funding Availability

Total Cost **\$1,560,000** Amount of Available Funding **312,000** Federal funding availability **Yes**

Funding source **General Revenue**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Rockwall County FEMA Mapping**

ID# **031000029**

Sponsor (name of entity, not person) **00000175**

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**

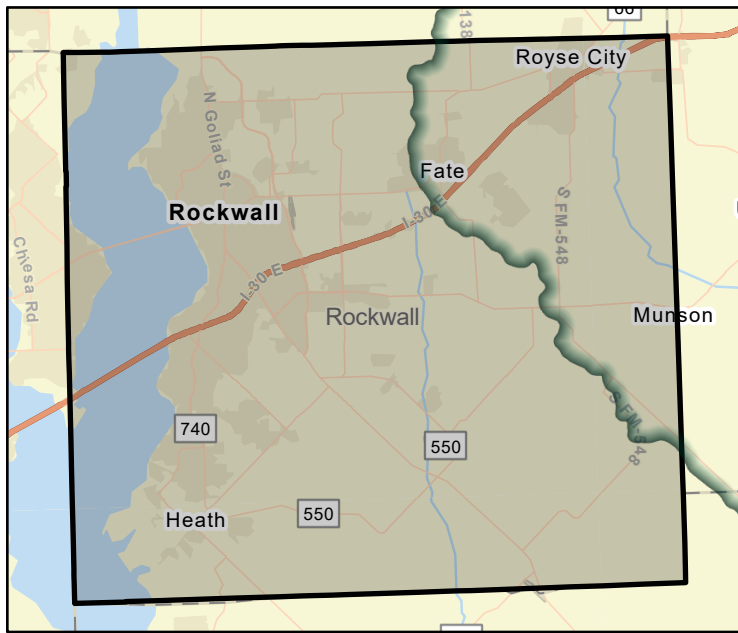
Farm/Ranch land impacted (acres) **4,485** Roadway(s) impacted (length) **34**

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

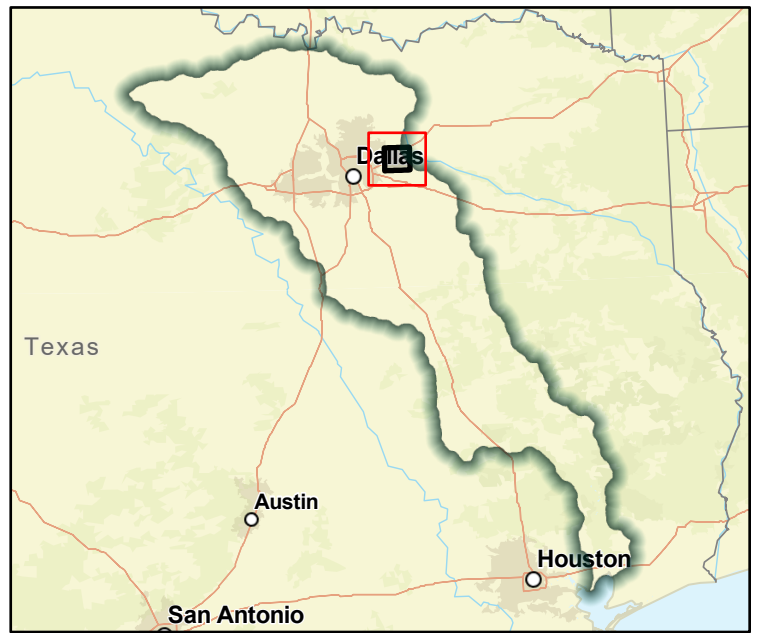
Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **San Jacinto County FEMA Mapping**

ID# **031000030**

Sponsor (name of entity, not person) **00000047**

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**

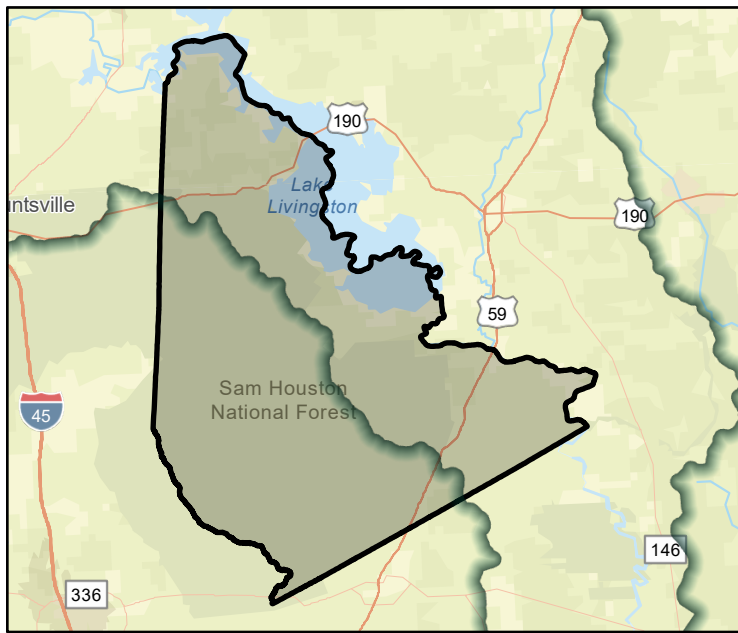
Farm/Ranch land impacted (acres) **11,299** Roadway(s) impacted (length) **83**

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

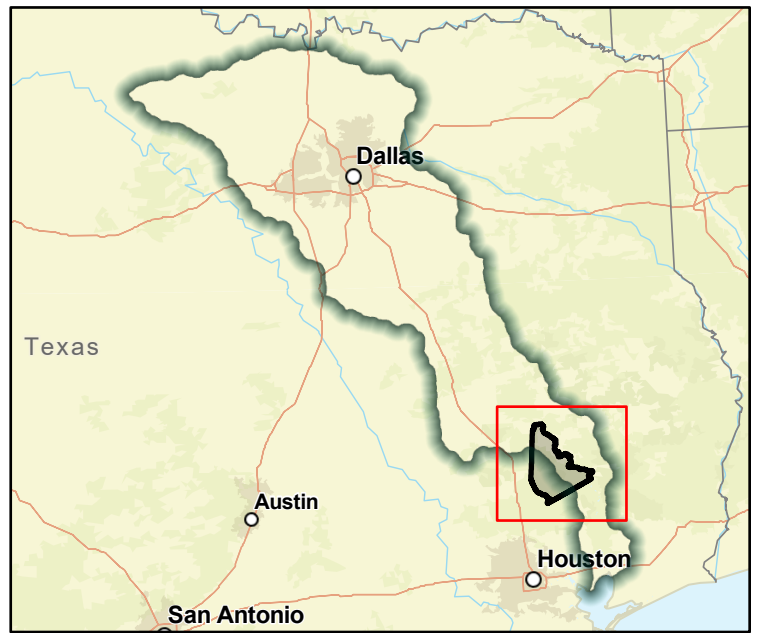
Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Trinity County FEMA Mapping**

ID# **031000031**

Sponsor (name of entity, not person) **00000065**

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**

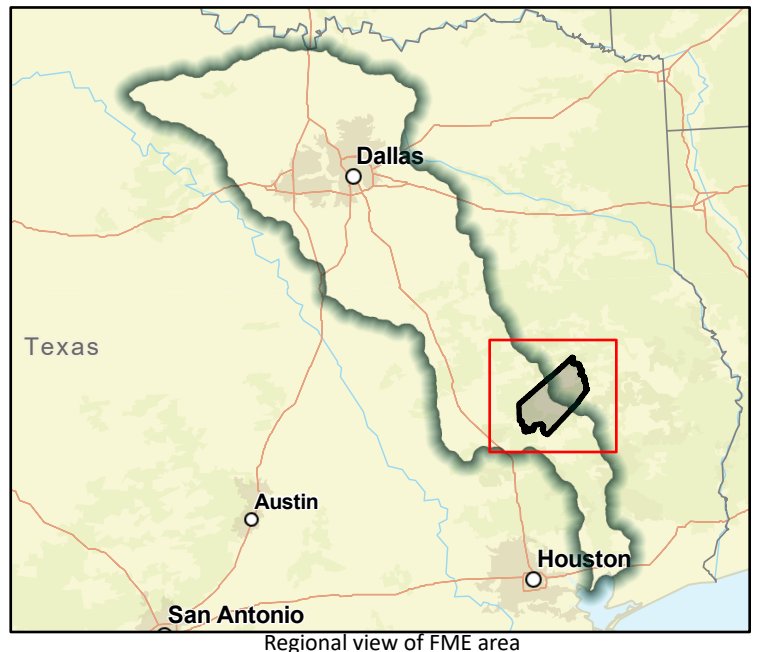
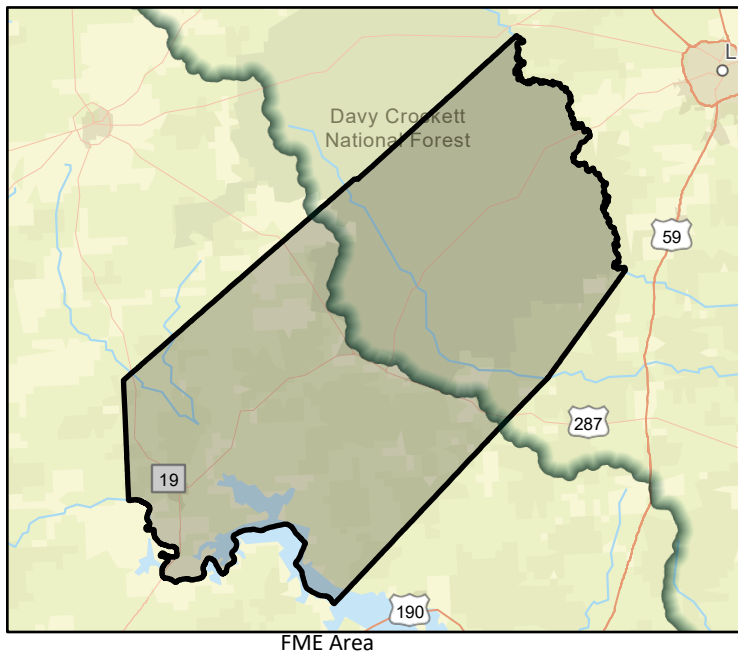
Farm/Ranch land impacted (acres) **9,960** Roadway(s) impacted (length) **54**

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**



Flood Management Evaluation (FME)



Title **Van Zandt County FEMA Mapping**

ID# **031000032**

Sponsor (name of entity, not person) **00000110**

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**

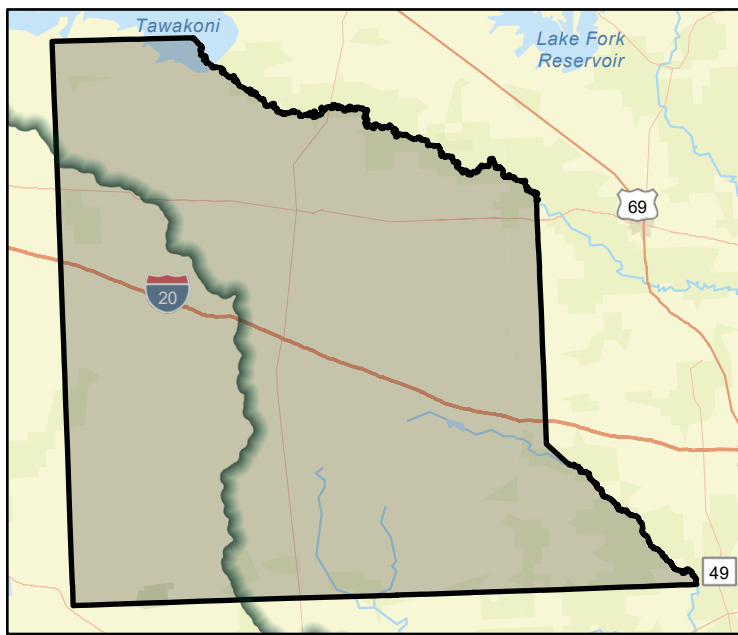
Farm/Ranch land impacted (acres) **1,379** Roadway(s) impacted (length) **37**

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

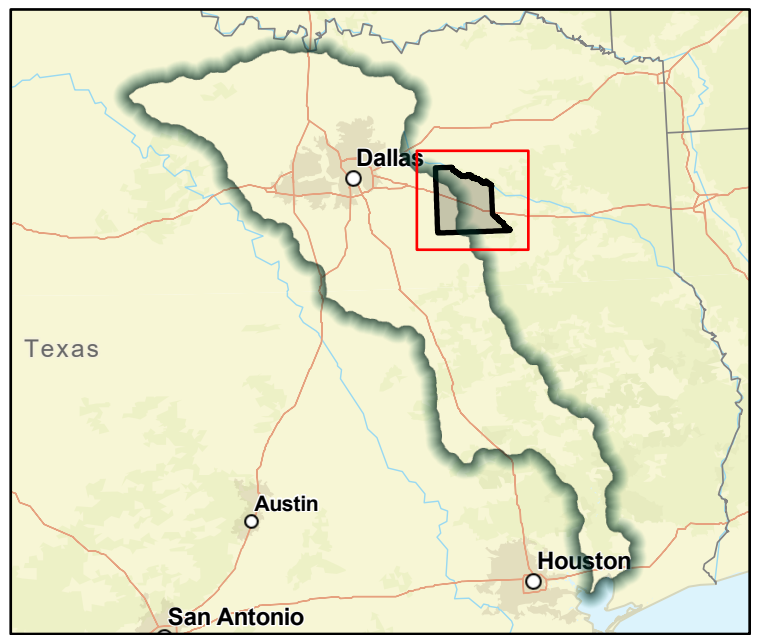
Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Walker County FEMA Mapping
 ID# 031000033
 Sponsor (name of entity, not person) 00000053
 RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

Study Details

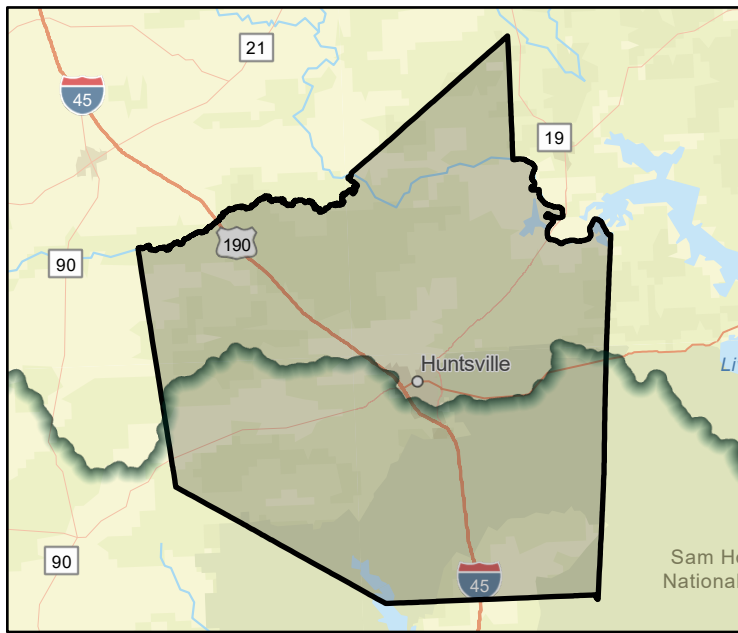
Study type Watershed Planning
 Study description Create FEMA mapping in previously unmapped areas and update existing FEMA maps as needed.
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Walker Watershed HUC# (if known) 120301060409,120301060402,120301060502,120301060401,120100010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

100-Year Flood Risk Summary

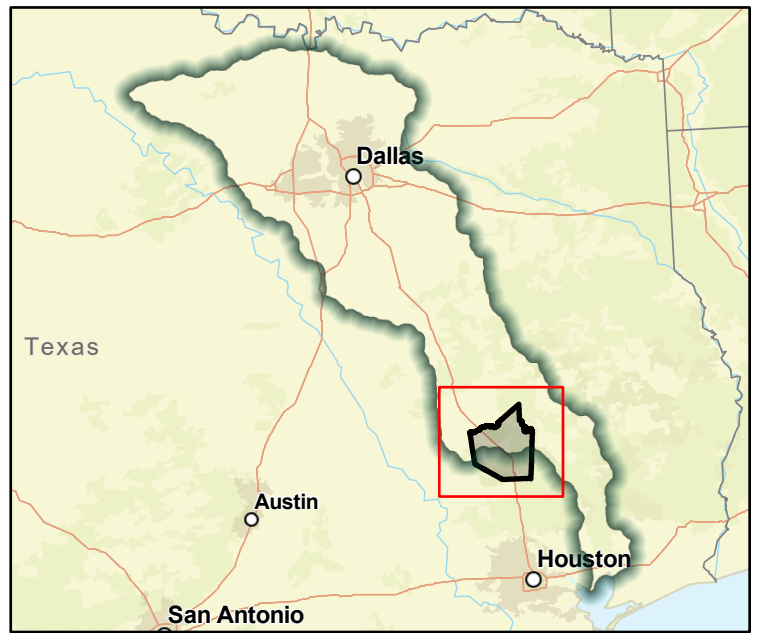
Population at risk 4,303 # of structures 1,654 Critical facilities 11
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 28,691 Roadway(s) impacted (length) 59
 Number of low water crossings 5 Historical road closures -

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wise County FEMA Mapping**

ID# **031000034**

Sponsor (name of entity, not person) **03000209**

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**

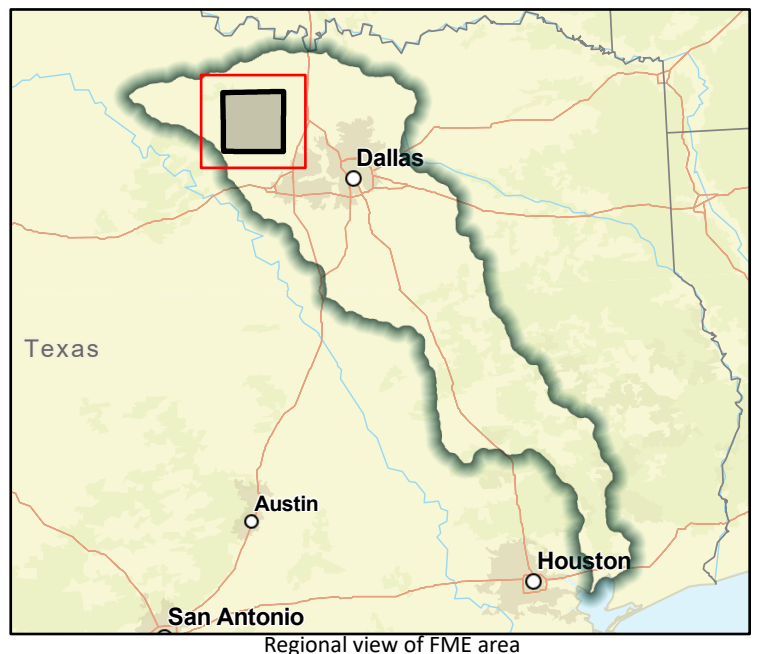
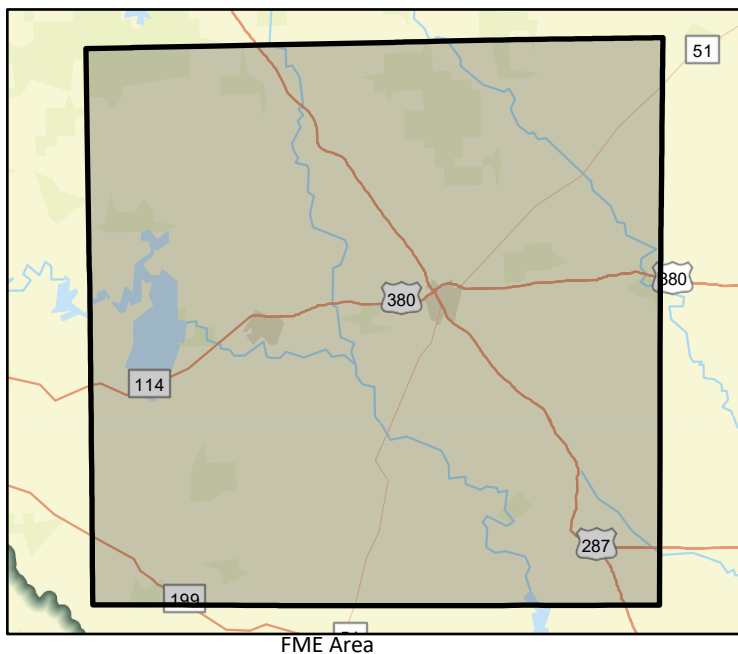
Farm/Ranch land impacted (acres) **29,585** Roadway(s) impacted (length) **100**

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**



Flood Management Evaluation (FME)



Title **Young County FEMA Mapping**

ID# **031000035**

Sponsor (name of entity, not person) **00000185**

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 **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**

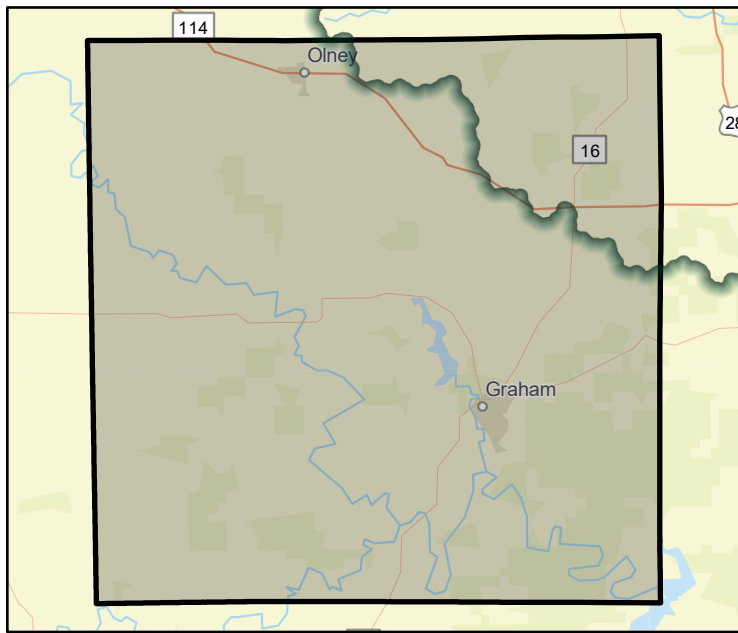
Farm/Ranch land impacted (acres) **5,757** Roadway(s) impacted (length) **7**

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

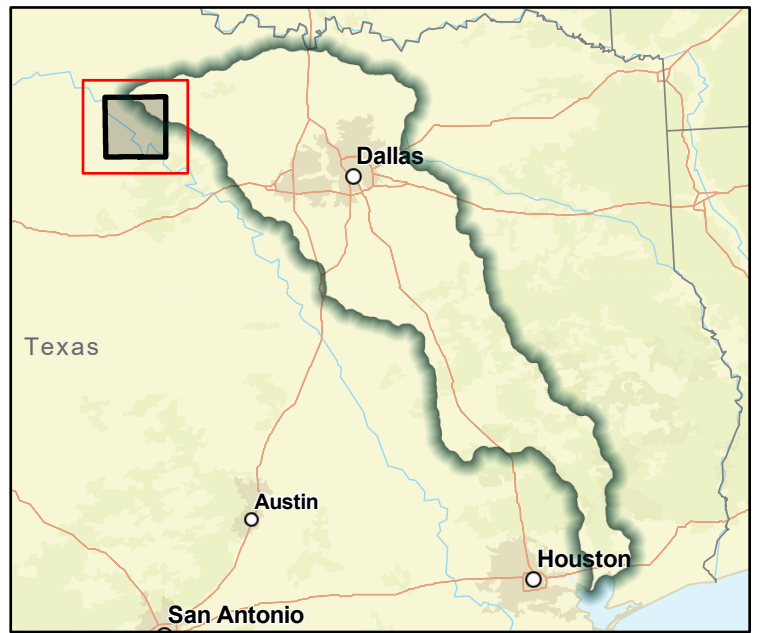
Estimated Cost and Funding Availability

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

Funding source **Local**



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) 00000270

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

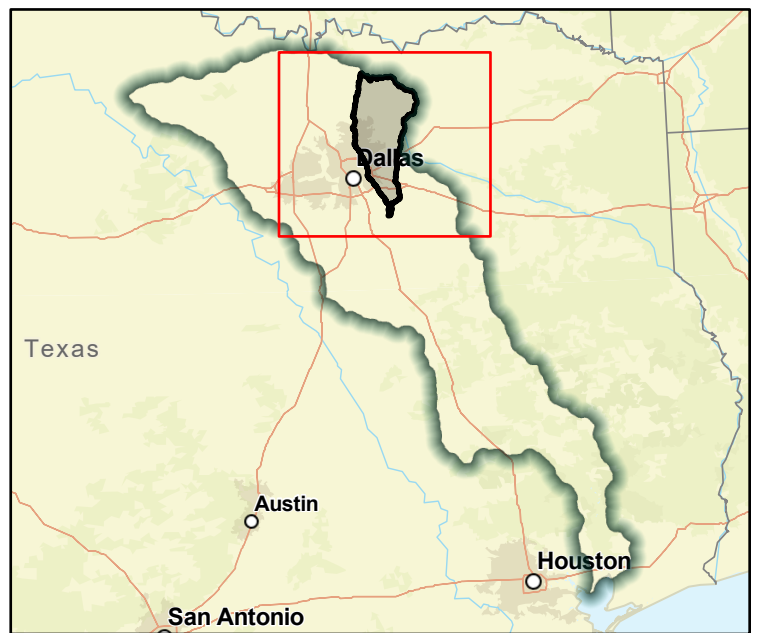
Amount of Available Funding 458,200

Federal funding availability Yes

Funding source Local



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) **00000270**

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**

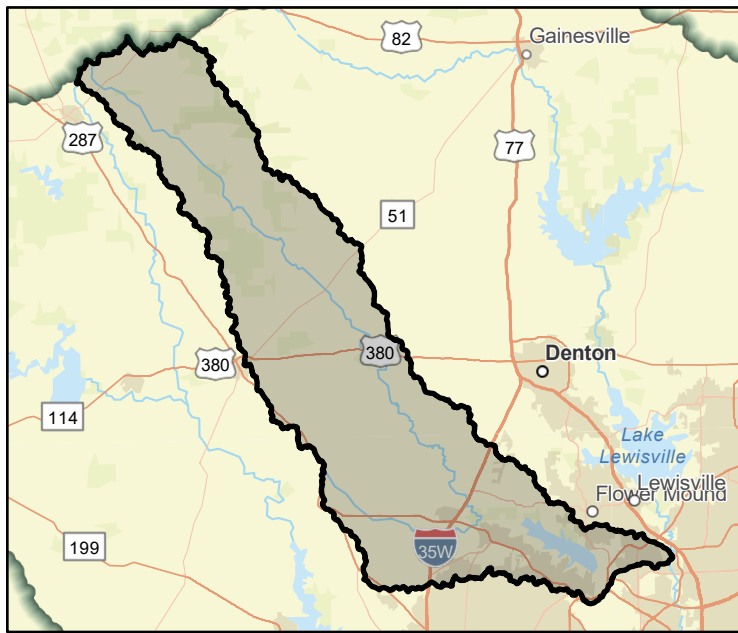
Farm/Ranch land impacted (acres) **30,212** Roadway(s) impacted (length) **107**

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

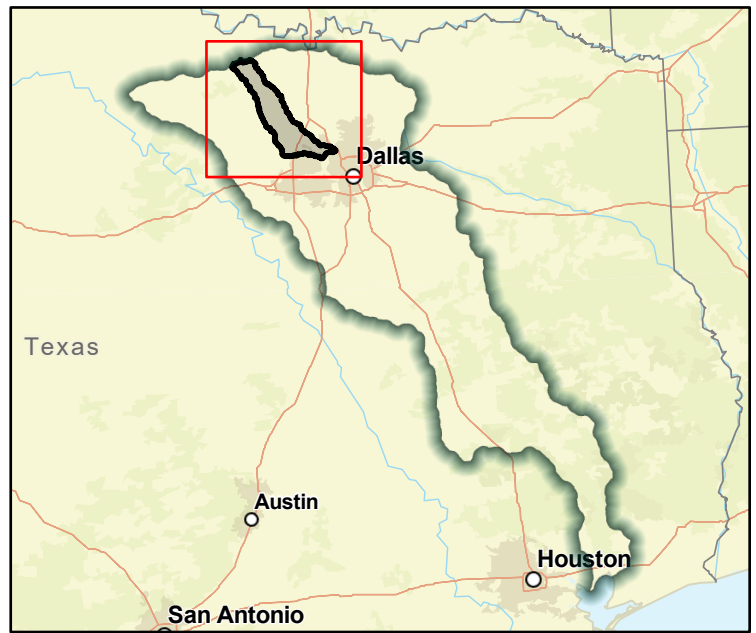
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **00000207**

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**

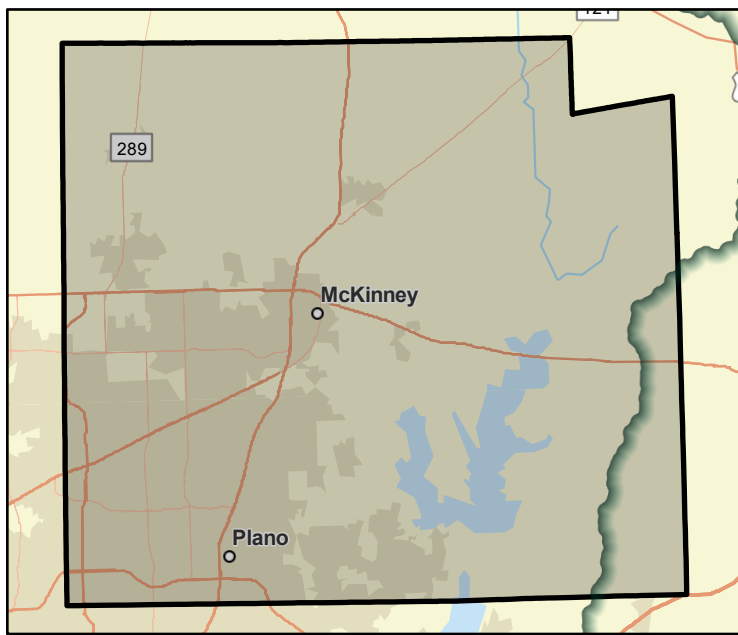
Farm/Ranch land impacted (acres) **34,154** Roadway(s) impacted (length) **146**

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

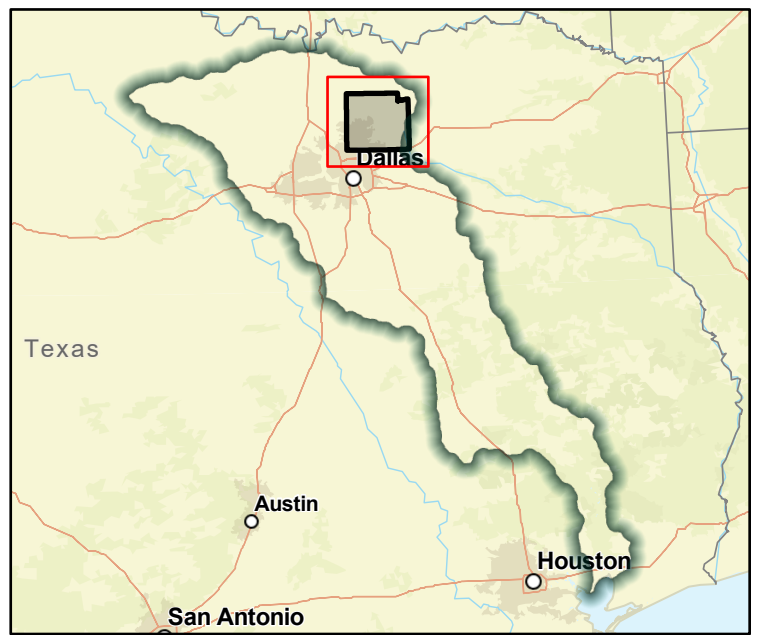
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **00000013, 00003571, 00003344, 00003573,**

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? **No** Local? **No** Playa? **No** Other? **No**

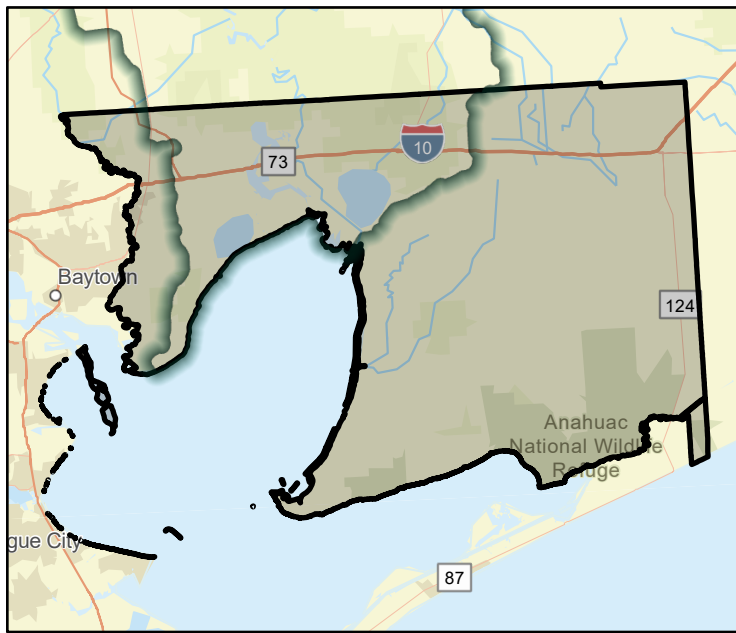
Farm/Ranch land impacted (acres) **9,200** Roadway(s) impacted (length) **53**

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

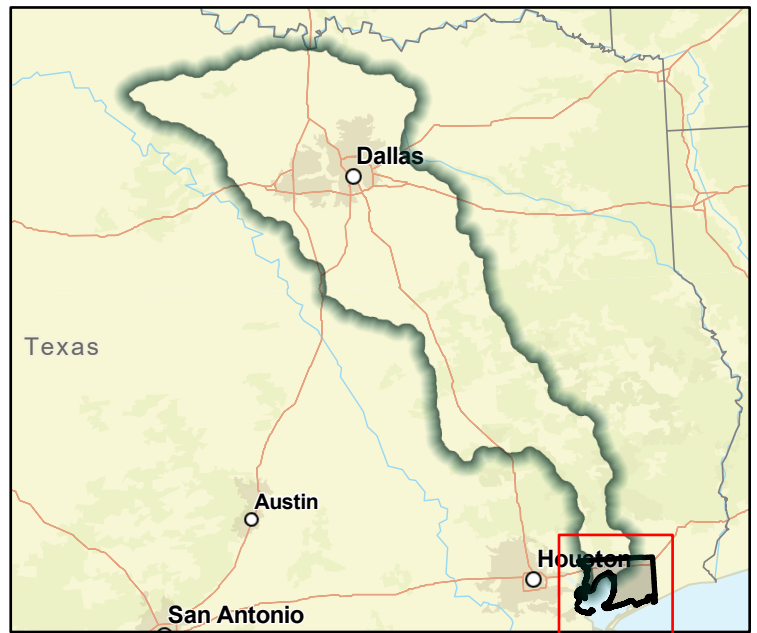
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **03000225**

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**

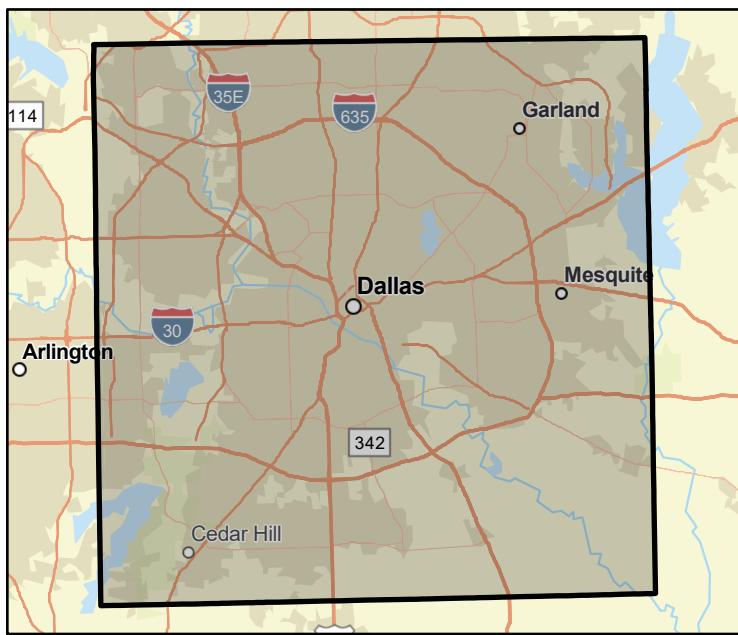
Farm/Ranch land impacted (acres) **31,560** Roadway(s) impacted (length) **791**

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

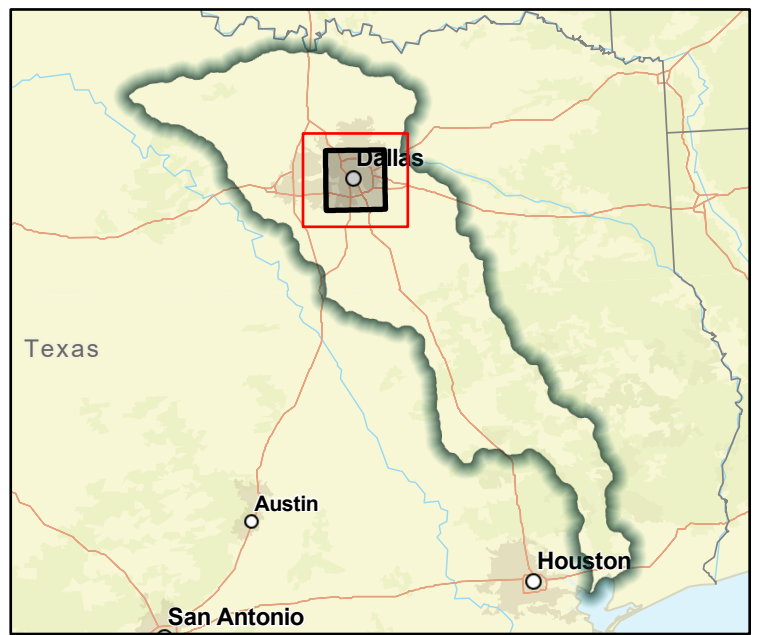
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **03002565**

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**

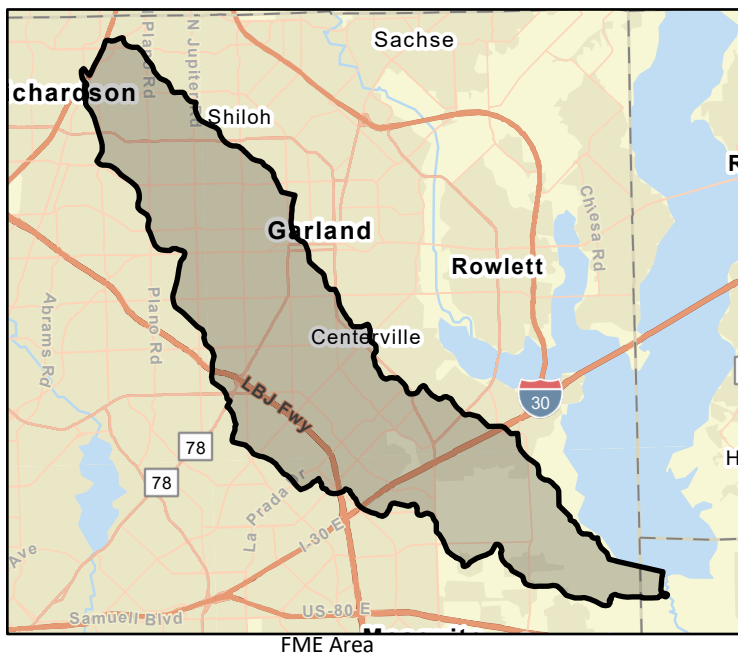
Farm/Ranch land impacted (acres) **520** Roadway(s) impacted (length) **19**

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**



Flood Management Evaluation (FME)



Title **Denton County Dam Inundation Study**

ID# **031000042**

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 **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 **-**

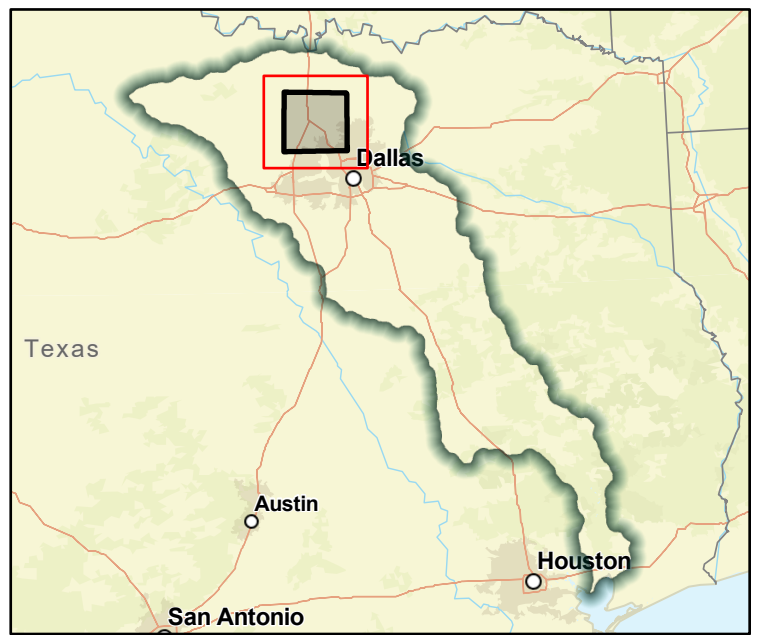
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **03000105, 03002750, 03002434,**

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**

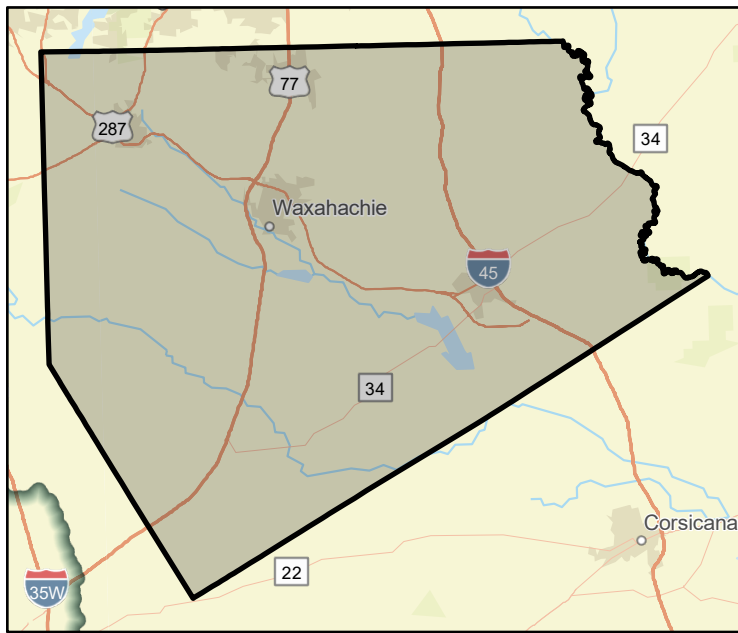
Farm/Ranch land impacted (acres) **90,231** Roadway(s) impacted (length) **214**

Number of low water crossings **57** Historical road closures **-**

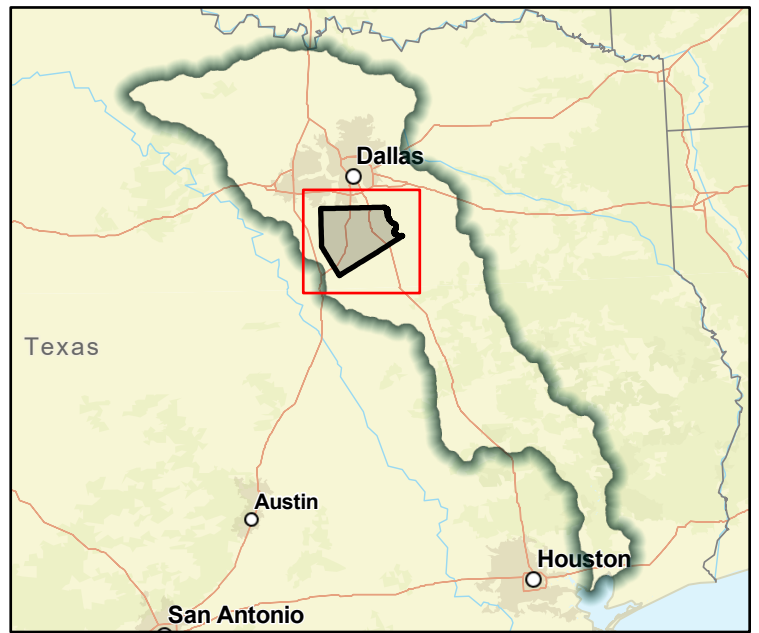
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **00000055**

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**

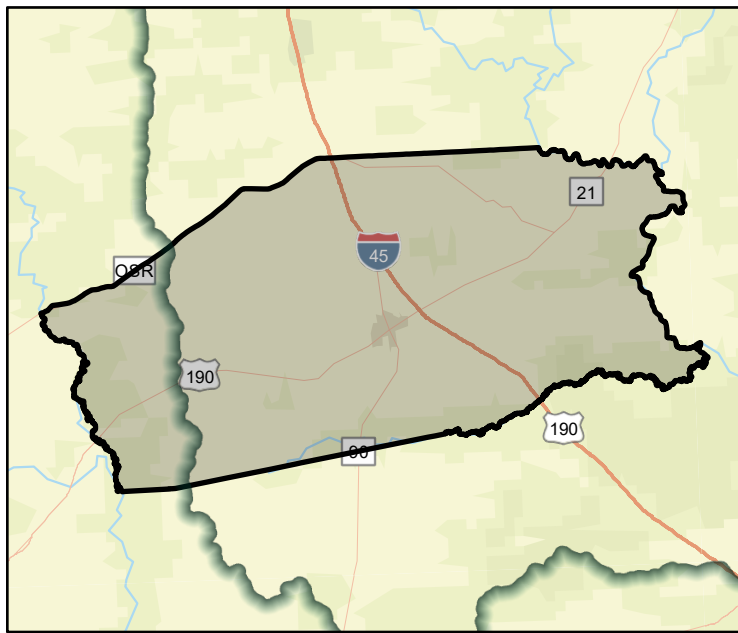
Farm/Ranch land impacted (acres) **43,021** Roadway(s) impacted (length) **58**

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

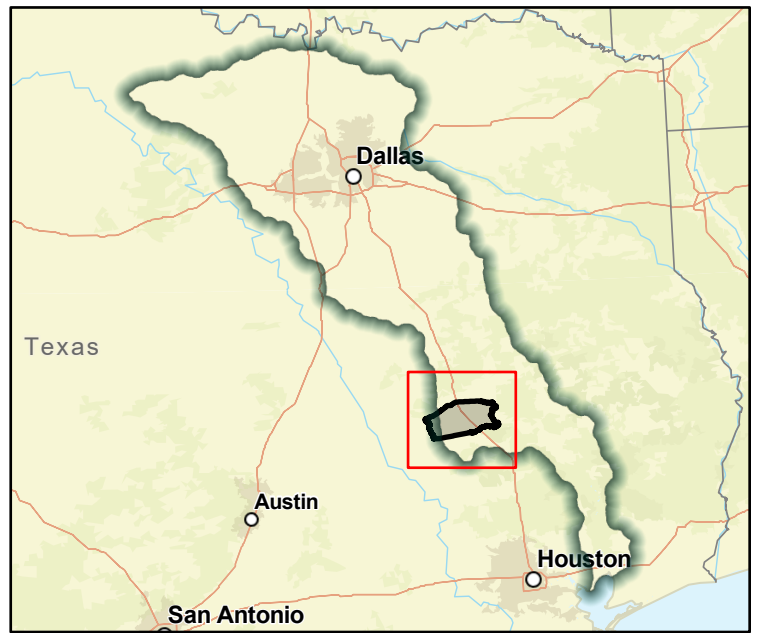
Estimated Cost and Funding Availability

Total Cost **\$478,000** Amount of Available Funding **0** Federal funding availability **No**

Funding source **<Null>**



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) **03000163, 03003281, 03002631**

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**

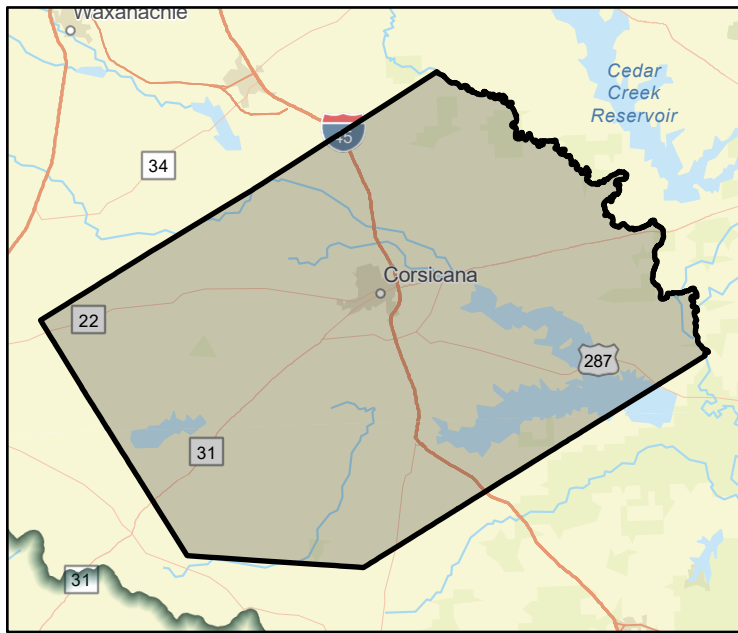
Farm/Ranch land impacted (acres) **109,465** Roadway(s) impacted (length) **211**

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

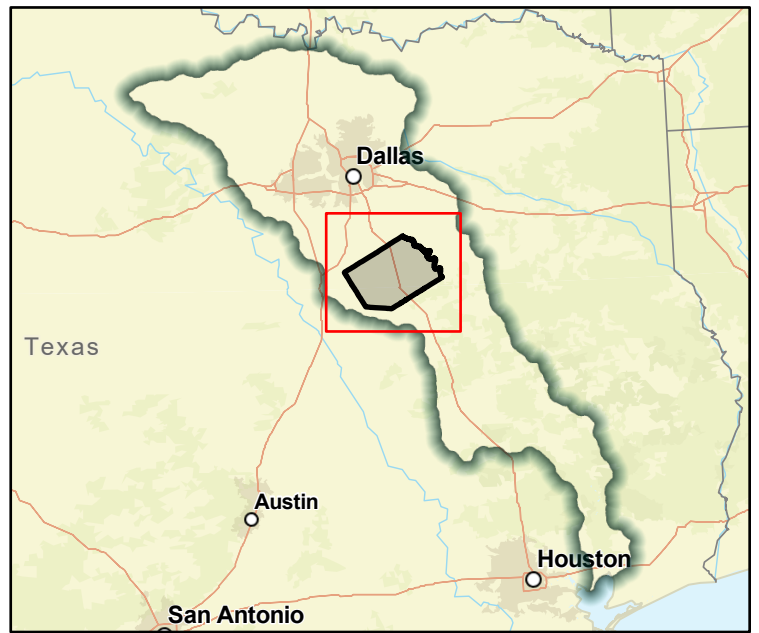
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **00000122, 03003537**

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 **-**

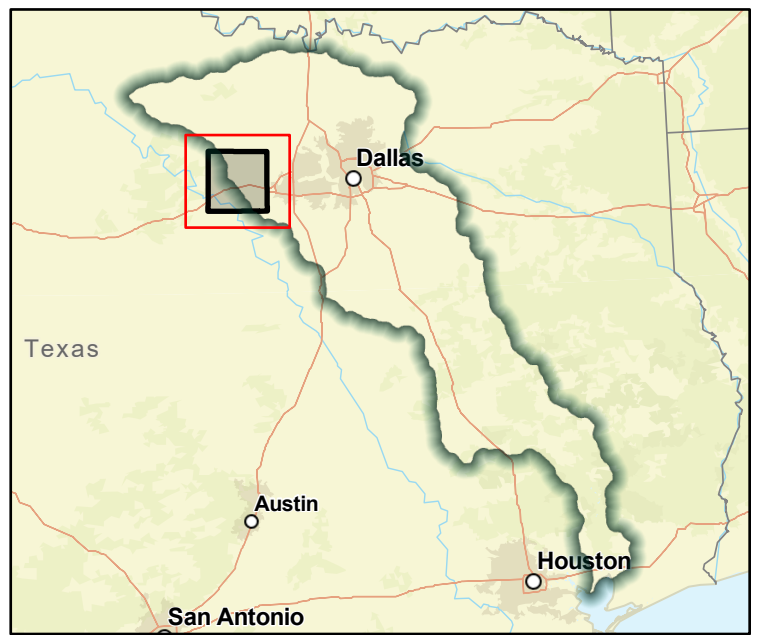
Estimated Cost and Funding Availability

Total Cost **\$569,000** Amount of Available Funding **0** Federal funding availability **No**

Funding source **<Null>**



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) **03002831, 03000224**

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**

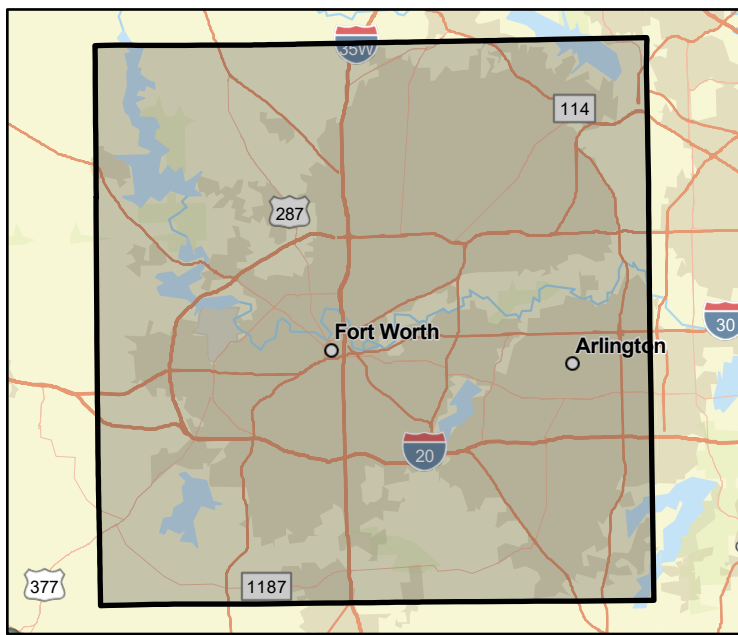
Farm/Ranch land impacted (acres) **20,102** Roadway(s) impacted (length) **468**

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

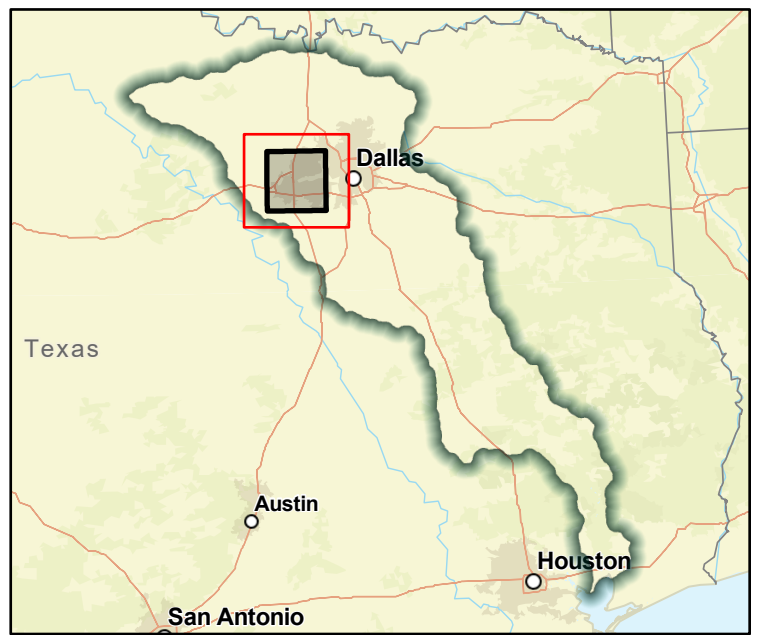
Estimated Cost and Funding Availability

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

Funding source **Local**



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) **03002563**

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**

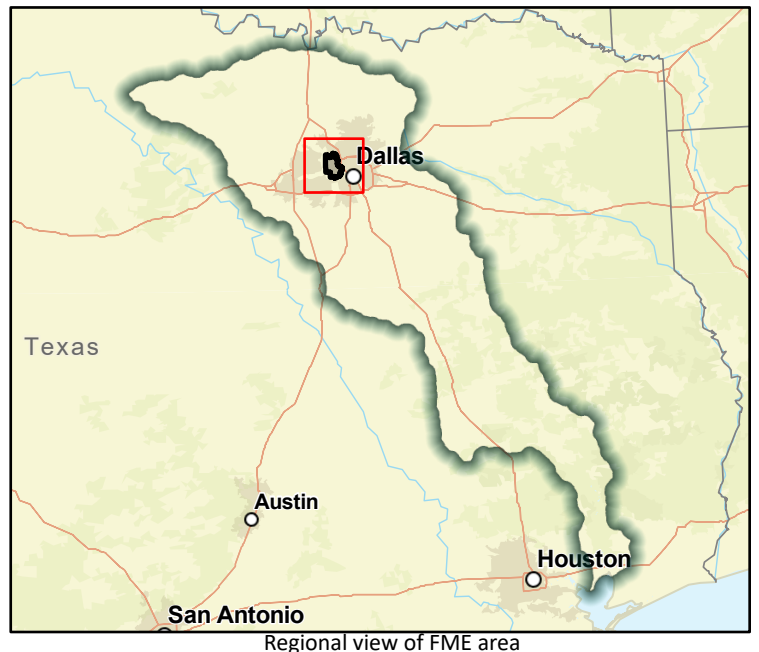
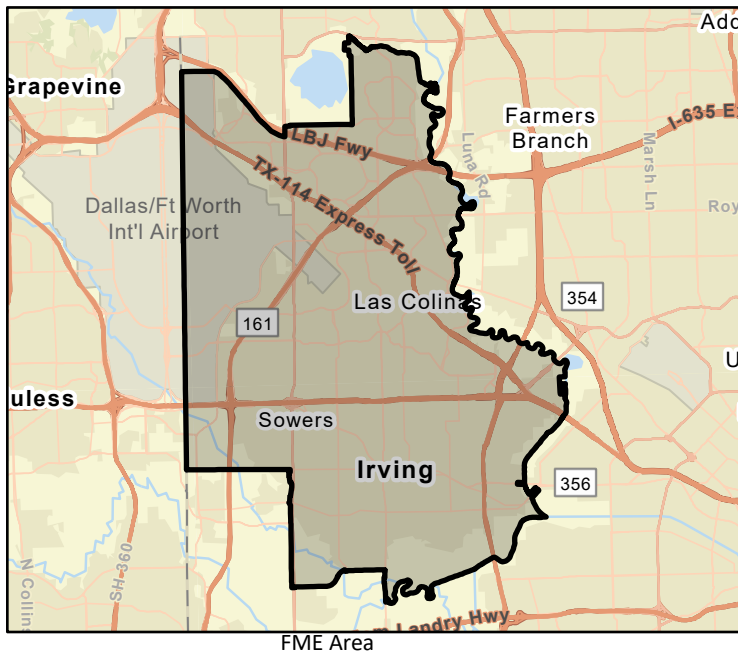
Farm/Ranch land impacted (acres) **1,397** Roadway(s) impacted (length) **85**

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**



Flood Management Evaluation (FME)



Title **West Fork of the Trinity River Levee Failure Hydrologic Study**

ID# **031000049**

Sponsor (name of entity, not person) **03003566**

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**

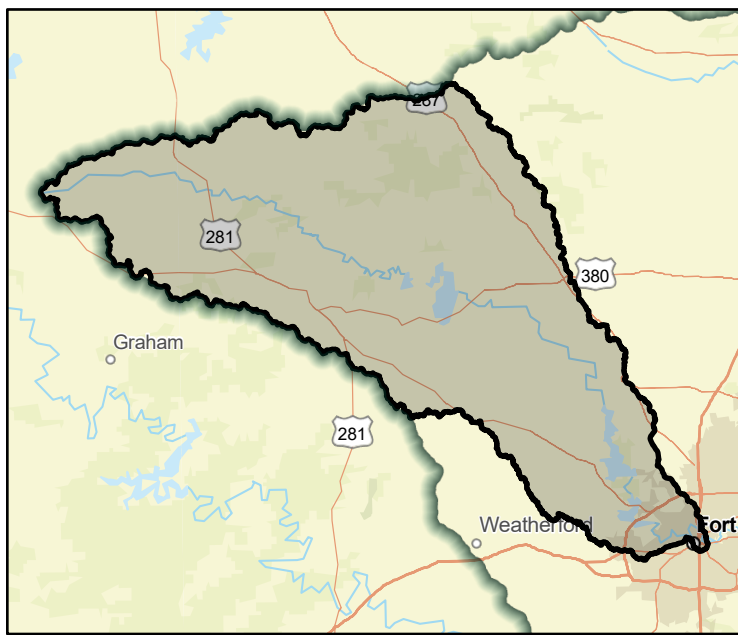
Farm/Ranch land impacted (acres) **114,017** Roadway(s) impacted (length) **308**

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

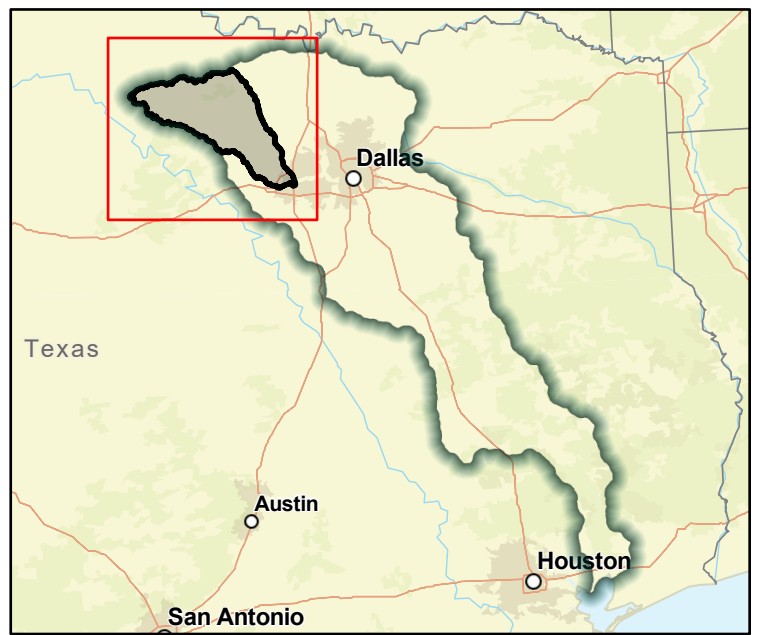
Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of Lavon DMP**

ID# **031000050**

Sponsor (name of entity, not person) **03003139**

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**

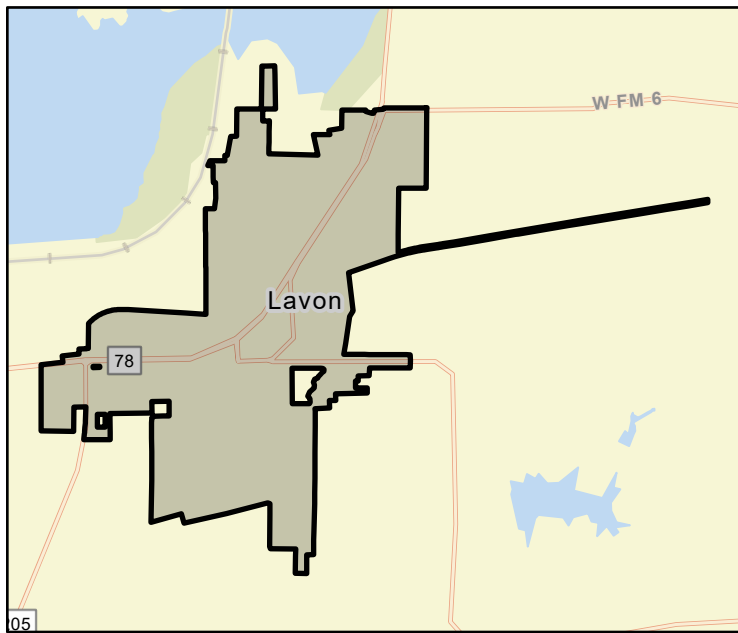
Farm/Ranch land impacted (acres) **32** Roadway(s) impacted (length) **1**

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

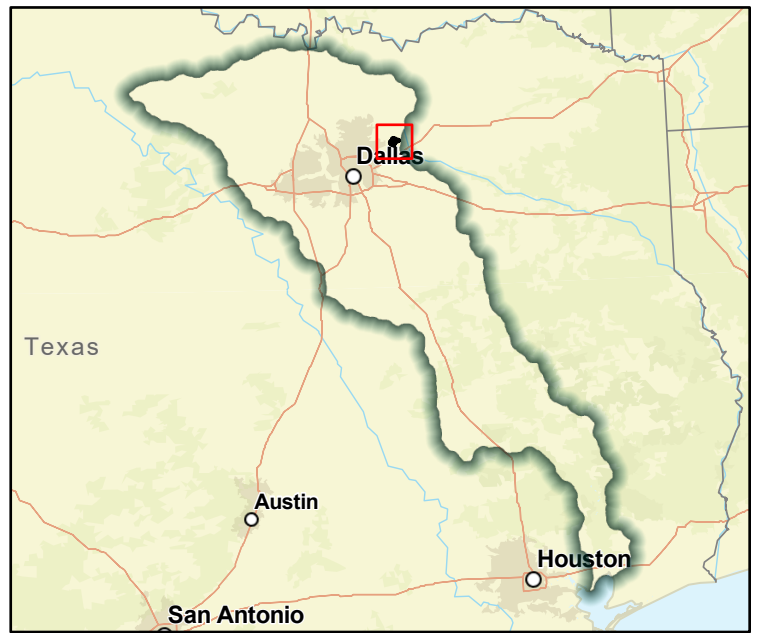
Estimated Cost and Funding Availability

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

Funding source **Local**



FME Area



Regional view of FME area