

Appendix 5.2

Flood Management Evaluation (FME)



Title Archer County FEMA Mapping

ID# 031000001

Sponsor (name of entity, not person) Archer 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 -

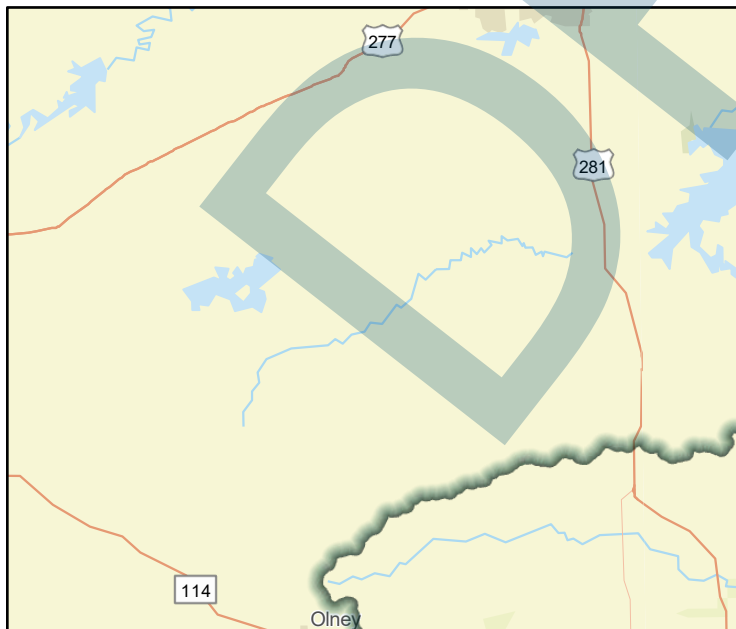
Estimated Cost and Funding Availability

Total Cost \$1,254,000

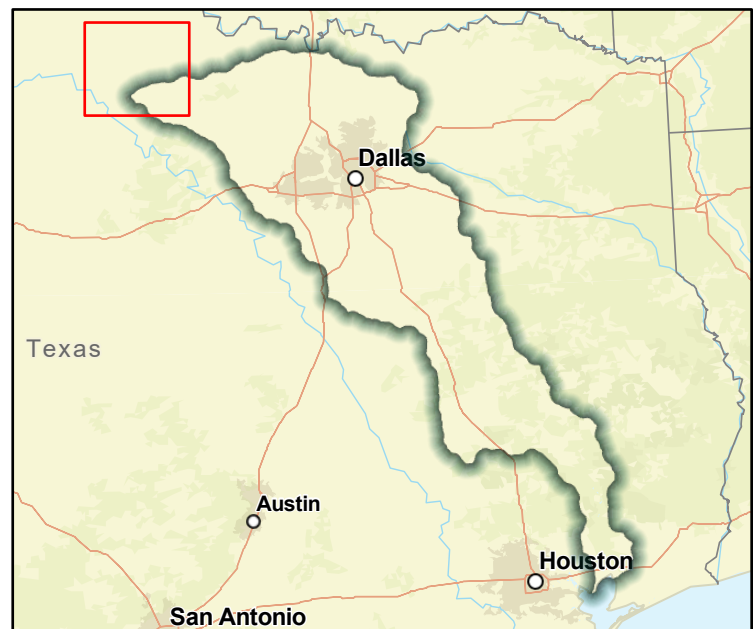
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Anderson County FEMA Mapping

ID# 031000002

Sponsor (name of entity, not person) Anderson 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

County Anderson

Watershed HUC# (if known) -

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 11

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 32

Historical road closures -

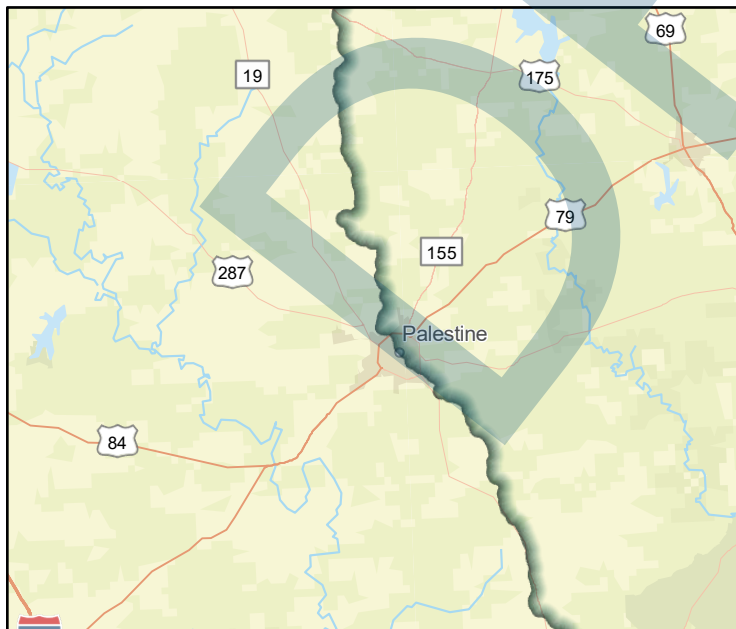
Estimated Cost and Funding Availability

Total Cost \$1,500,000

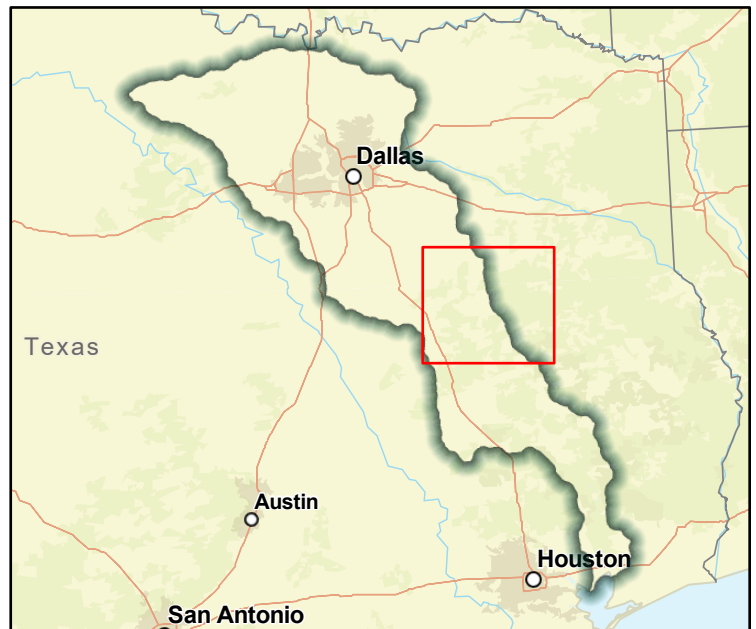
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Chambers County FEMA Mapping

ID# 031000003

Sponsor (name of entity, not person) Chambers 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 24

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 5

Historical road closures -

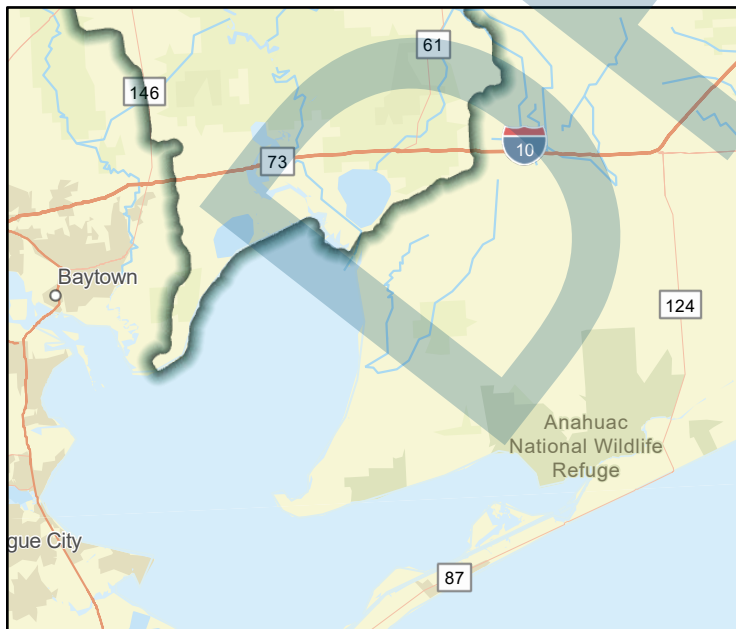
Estimated Cost and Funding Availability

Total Cost \$874,000

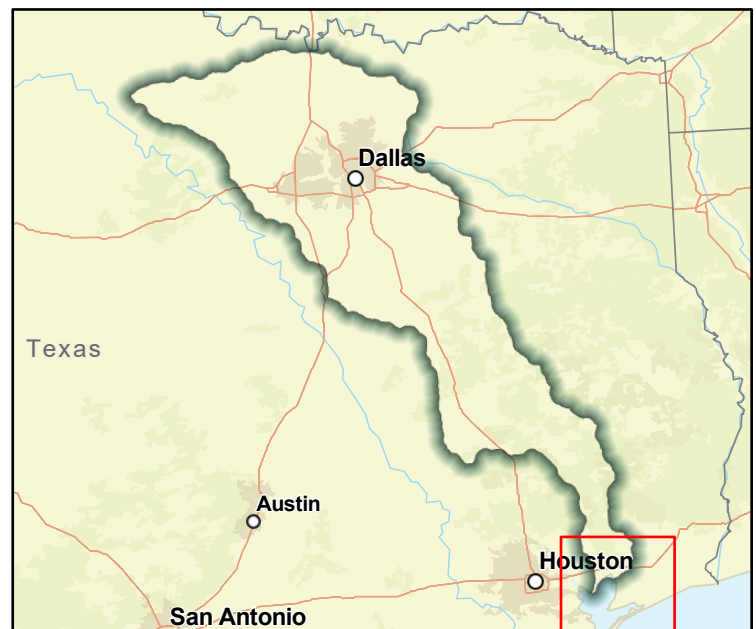
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Clay County FEMA Mapping

ID# 031000004

Sponsor (name of entity, not person) Clay 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 -

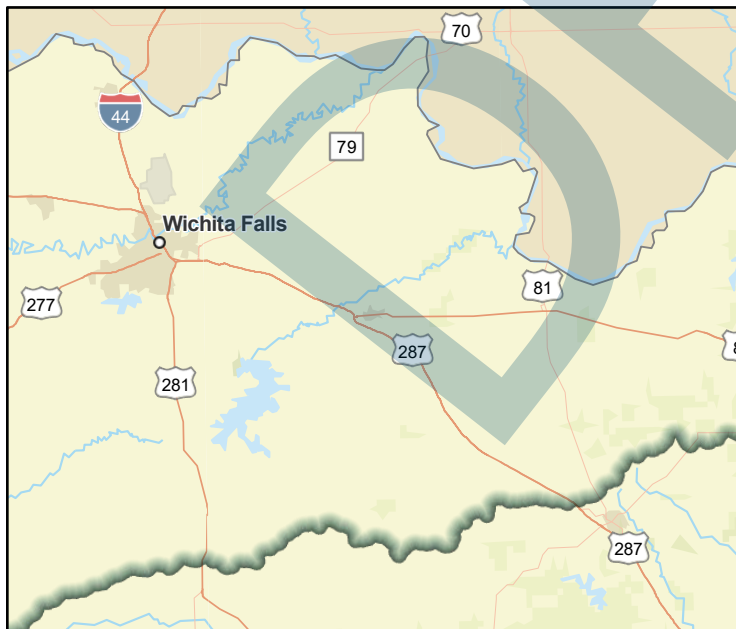
Estimated Cost and Funding Availability

Total Cost \$1,470,000

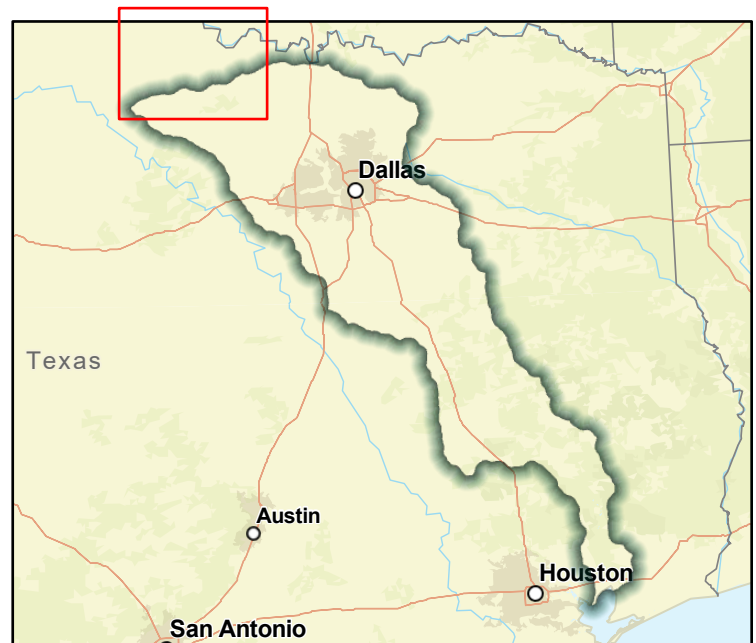
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Collin County FEMA Mapping

ID# 031000005

Sponsor (name of entity, not person) Collin 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 28

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 86

Historical road closures -

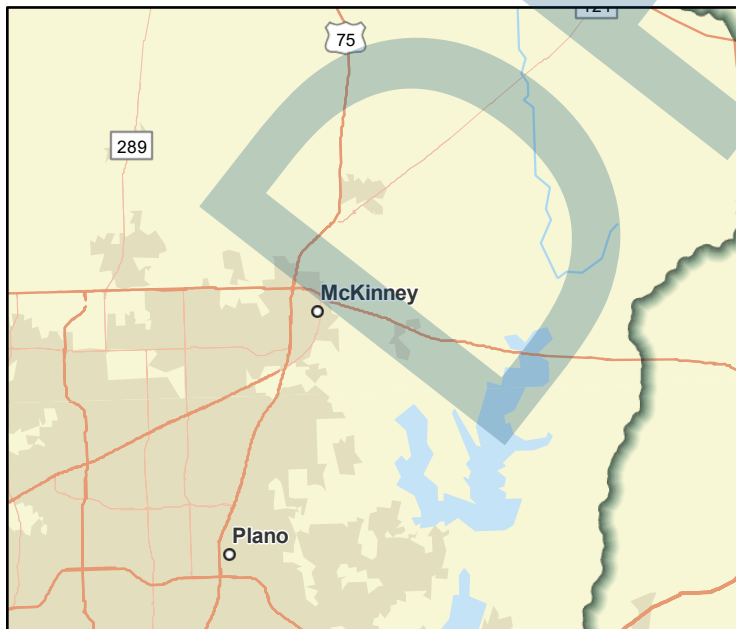
Estimated Cost and Funding Availability

Total Cost \$1,041,000

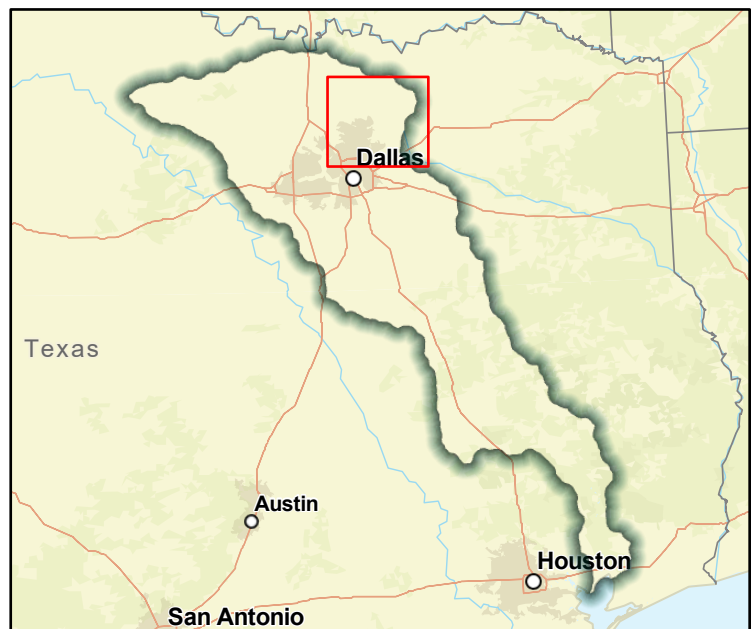
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Cooke County FEMA Mapping

ID# 031000006

Sponsor (name of entity, not person) Cooke 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 10

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 74

Historical road closures -

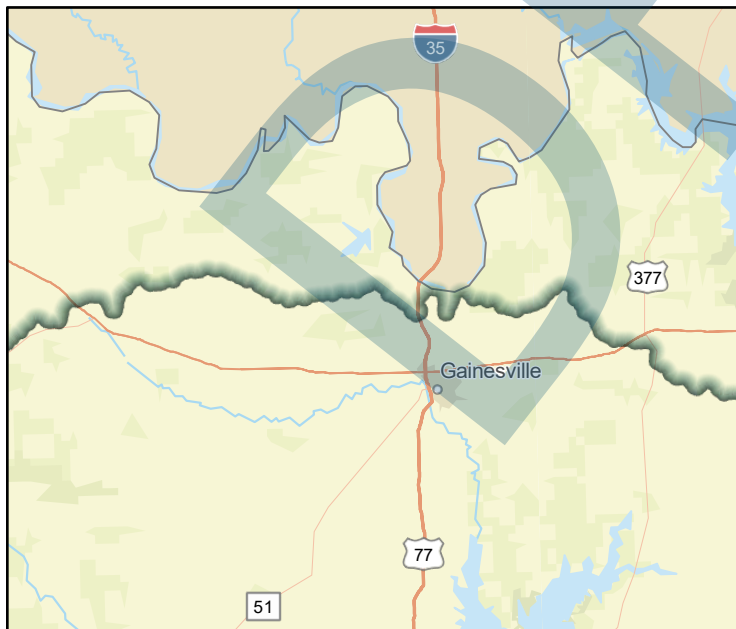
Estimated Cost and Funding Availability

Total Cost \$1,133,000

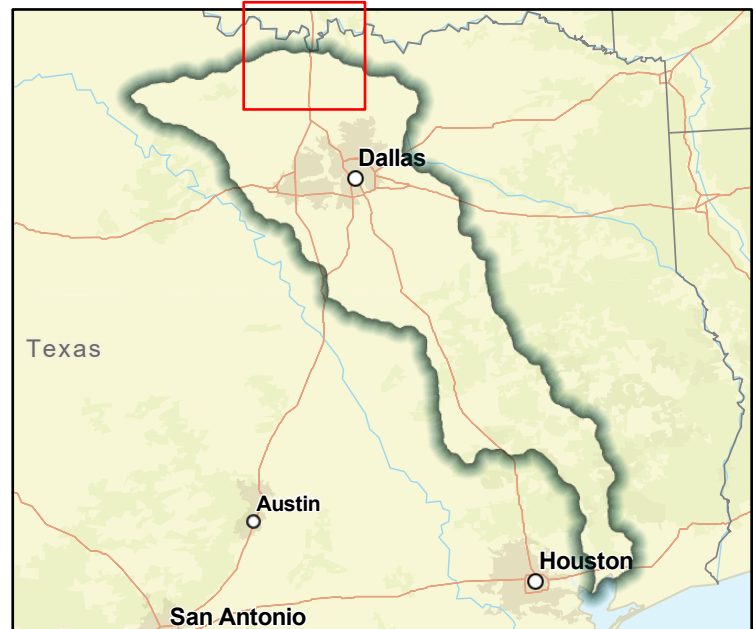
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Denton County FEMA Mapping

ID# 031000007

Sponsor (name of entity, not person) Denton 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 177

Historical road closures -

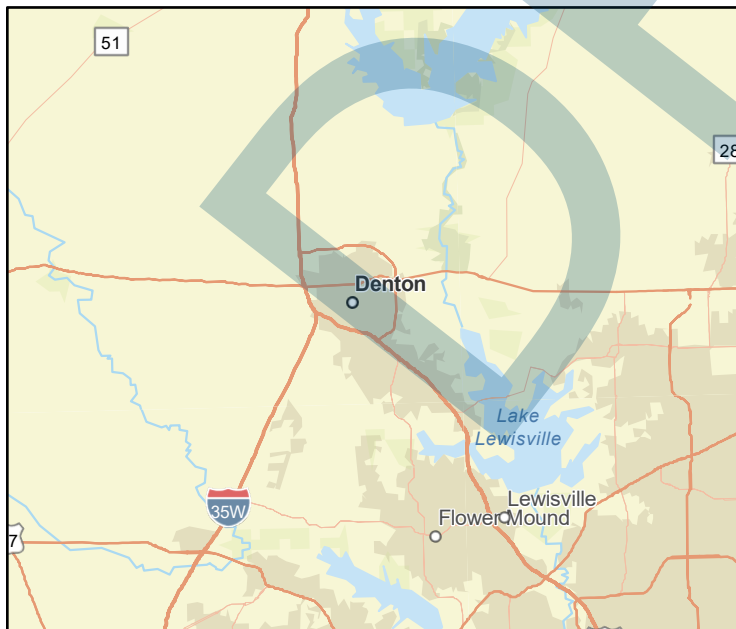
Estimated Cost and Funding Availability

Total Cost \$1,140,000

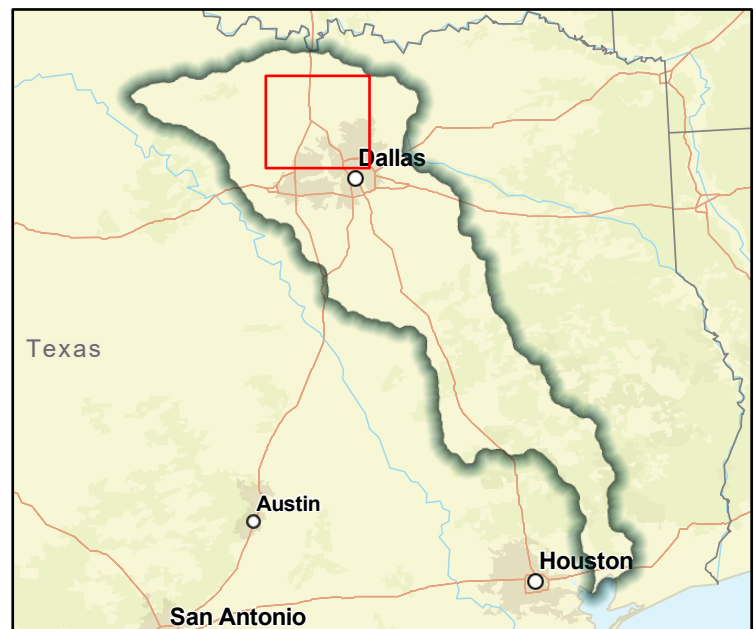
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Ellis County FEMA Mapping

ID# 031000008

Sponsor (name of entity, not person) Ellis 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 36

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 163

Historical road closures -

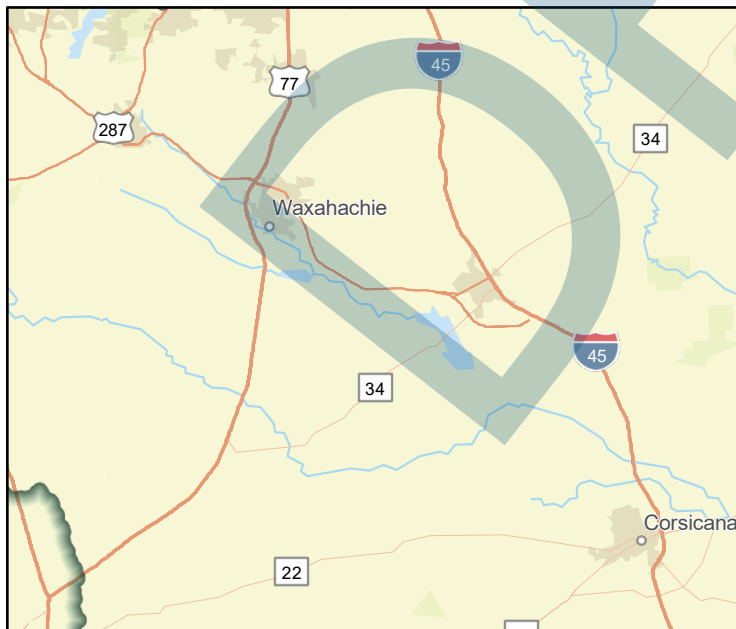
Estimated Cost and Funding Availability

Total Cost \$1,182,000

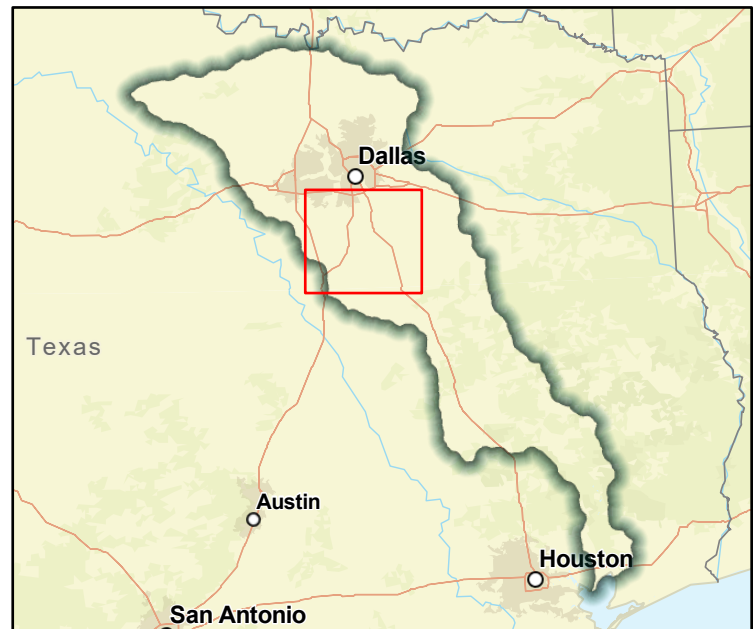
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Fannin County FEMA Mapping

ID# 031000009

Sponsor (name of entity, not person) Fannin 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 2

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 6

Historical road closures -

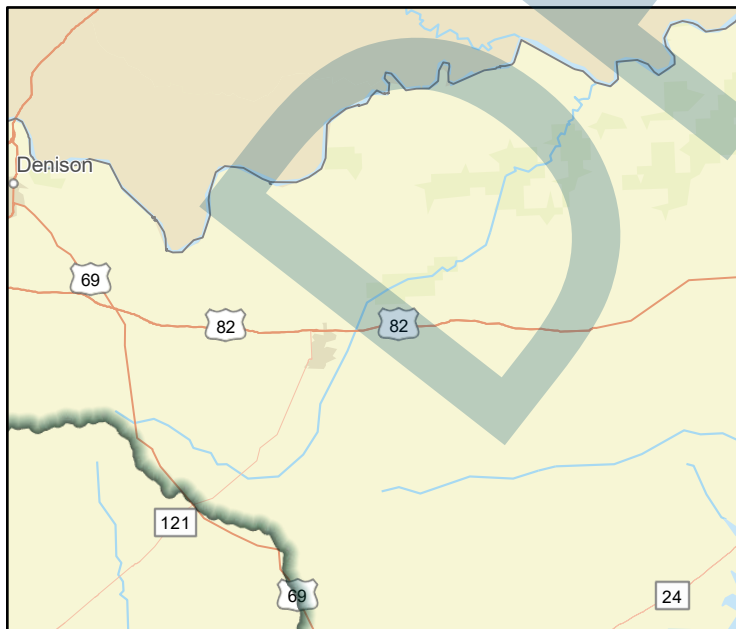
Estimated Cost and Funding Availability

Total Cost \$1,183,000

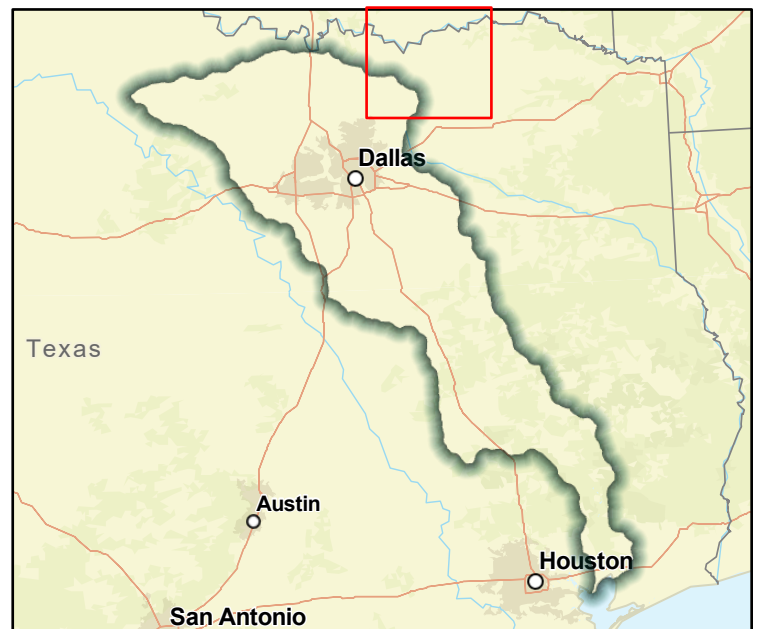
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Freestone County FEMA Mapping

ID# 031000010

Sponsor (name of entity, not person) Freestone 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 13

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 31

Historical road closures -

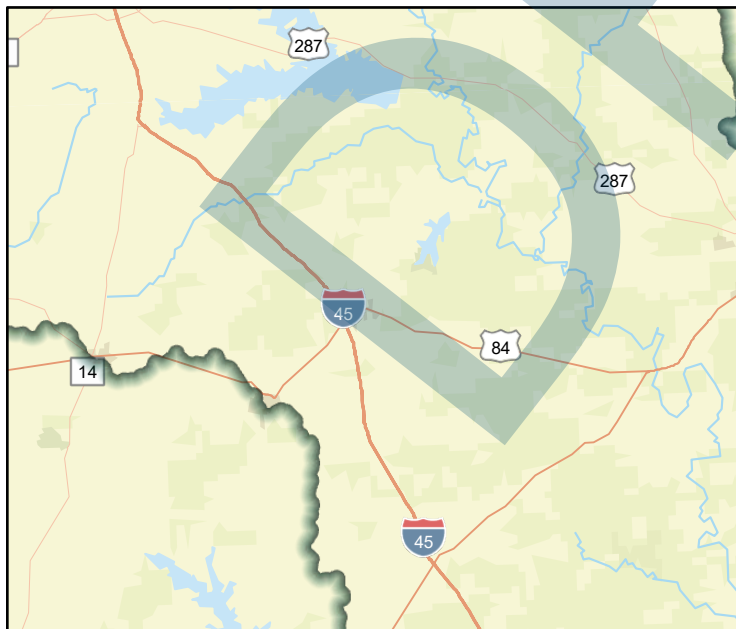
Estimated Cost and Funding Availability

Total Cost \$1,201,000

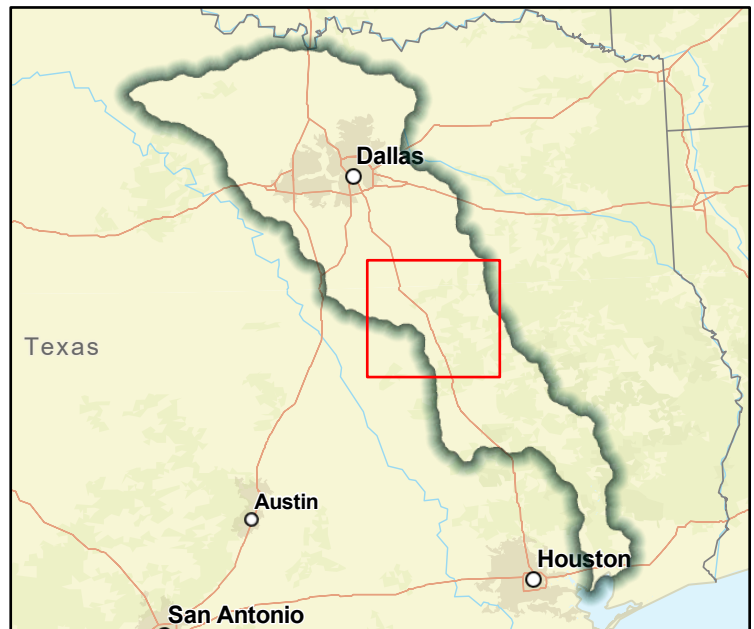
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Grayson County FEMA Mapping

ID# 031000011

Sponsor (name of entity, not person) Grayson 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 12

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 50

Historical road closures -

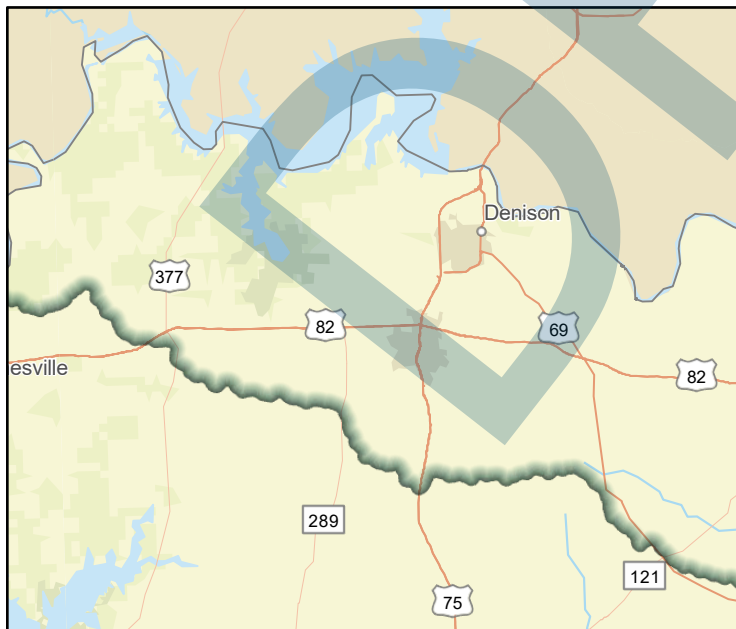
Estimated Cost and Funding Availability

Total Cost \$1,228,000

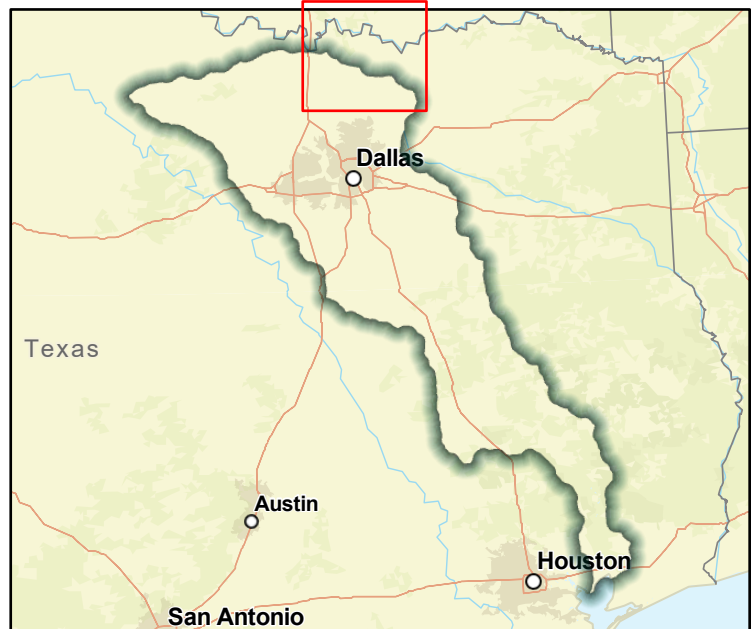
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Grimes County FEMA Mapping

ID# 031000012

Sponsor (name of entity, not person) Grimes 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 1

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 9

Historical road closures -

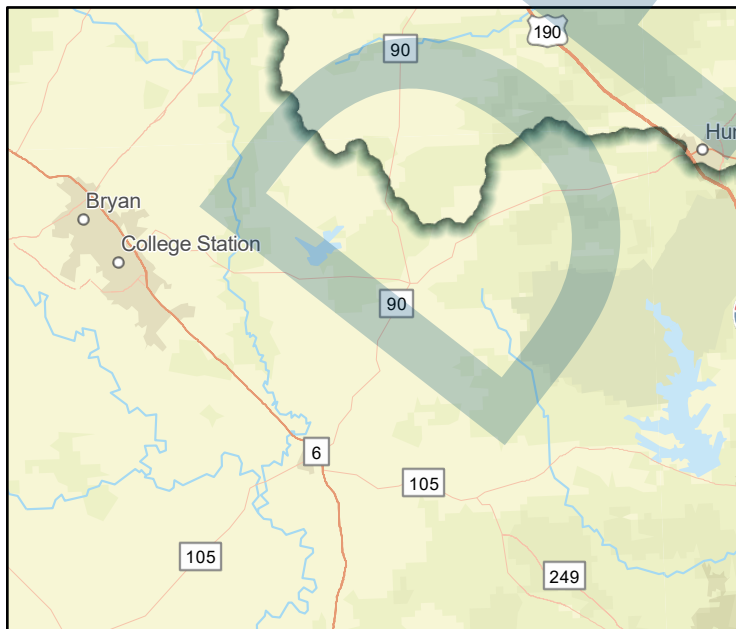
Estimated Cost and Funding Availability

Total Cost \$1,334,000

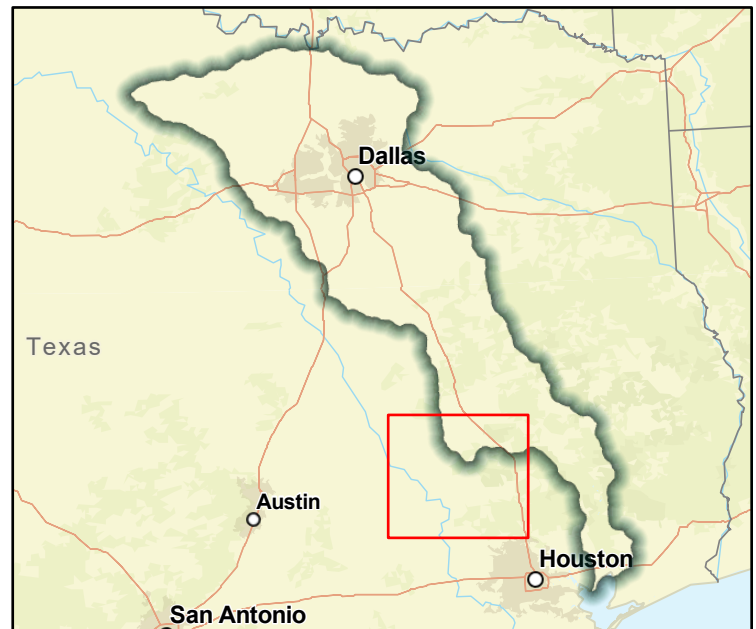
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Henderson County FEMA Mapping

ID# 031000013

Sponsor (name of entity, not person) Henderson 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 22

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 23

Historical road closures -

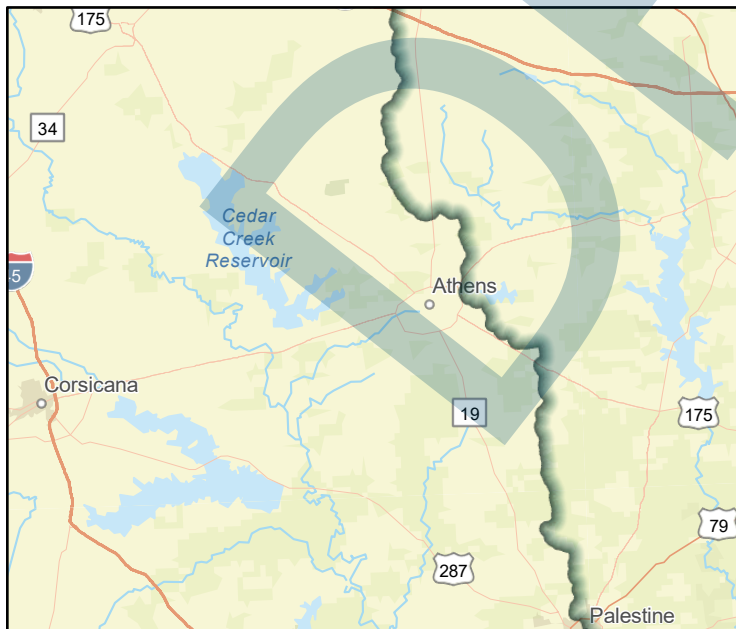
Estimated Cost and Funding Availability

Total Cost \$1,295,000

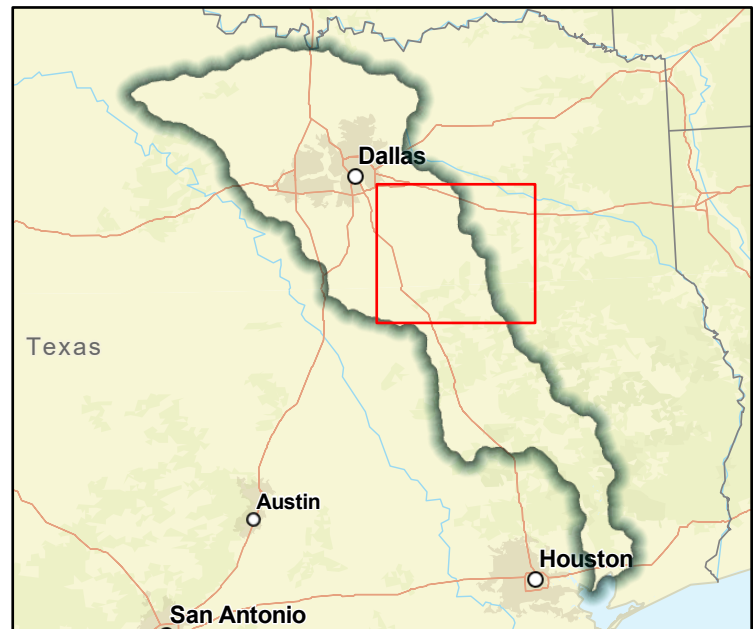
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Hill County FEMA Mapping

ID# 031000014

Sponsor (name of entity, not person) Hill 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 4

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 26

Historical road closures -

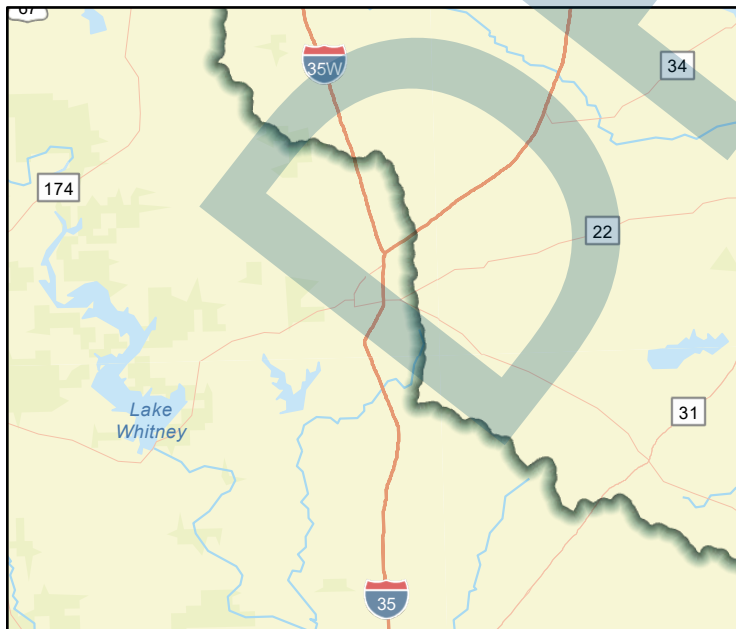
Estimated Cost and Funding Availability

Total Cost \$1,272,000

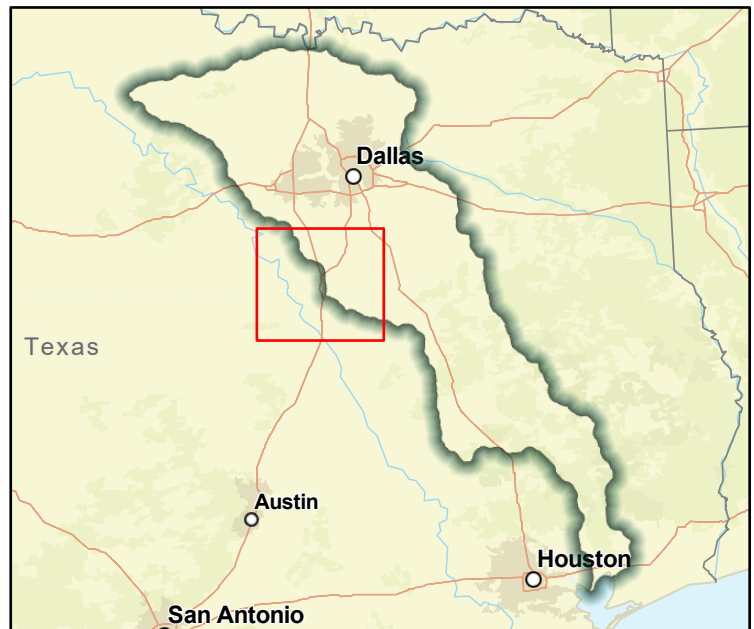
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hood County FEMA Mapping

ID# 031000015

Sponsor (name of entity, not person) Hood 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 -

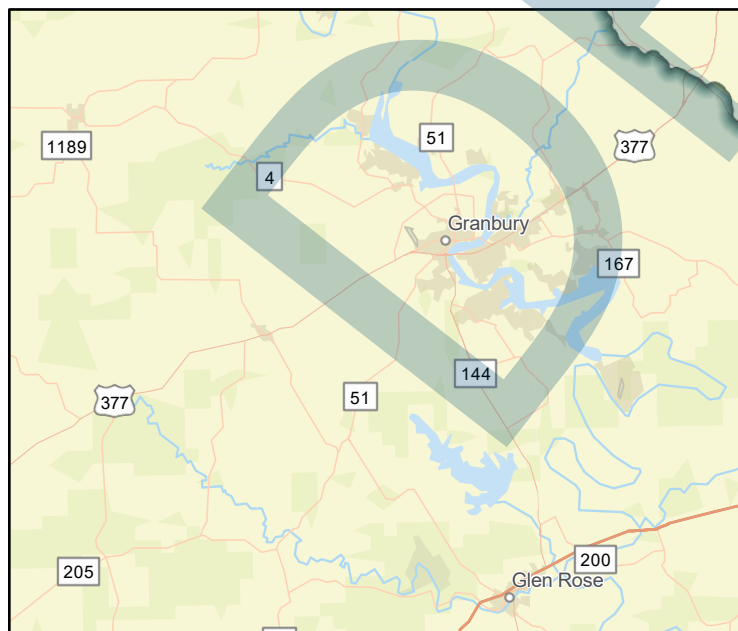
Estimated Cost and Funding Availability

Total Cost \$539,000

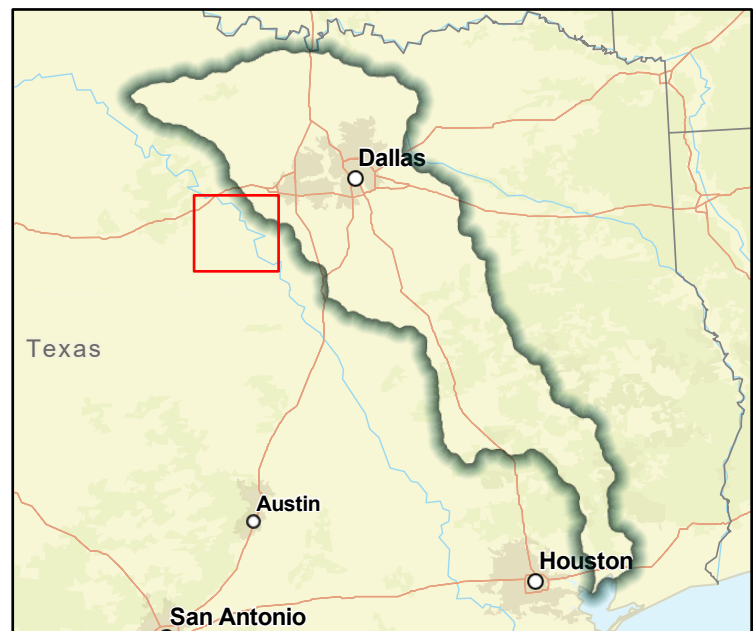
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Houston County FEMA Mapping**

ID# **031000016**

Sponsor (name of entity, not person) **Houston 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? **-**

Emergency Need? **No**

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

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 **10**

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 **45**

Historical road closures **-**

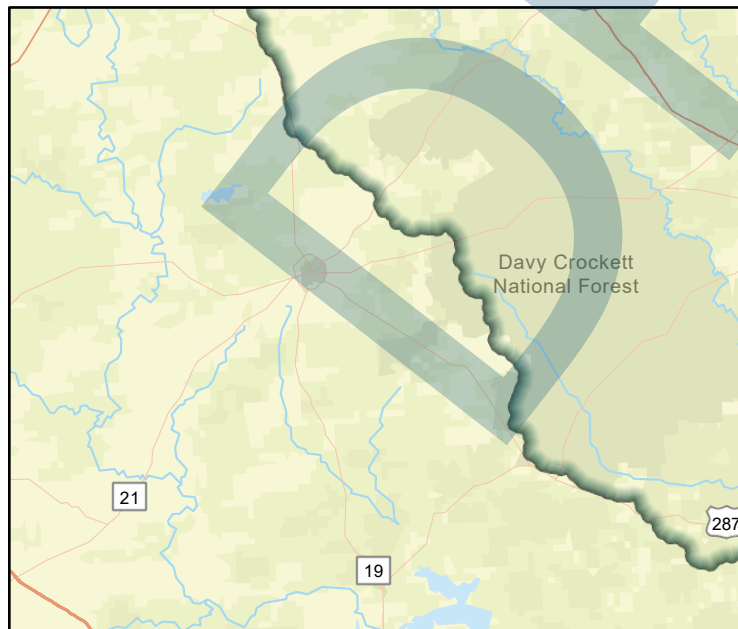
Estimated Cost and Funding Availability

Total Cost **\$1,809,000**

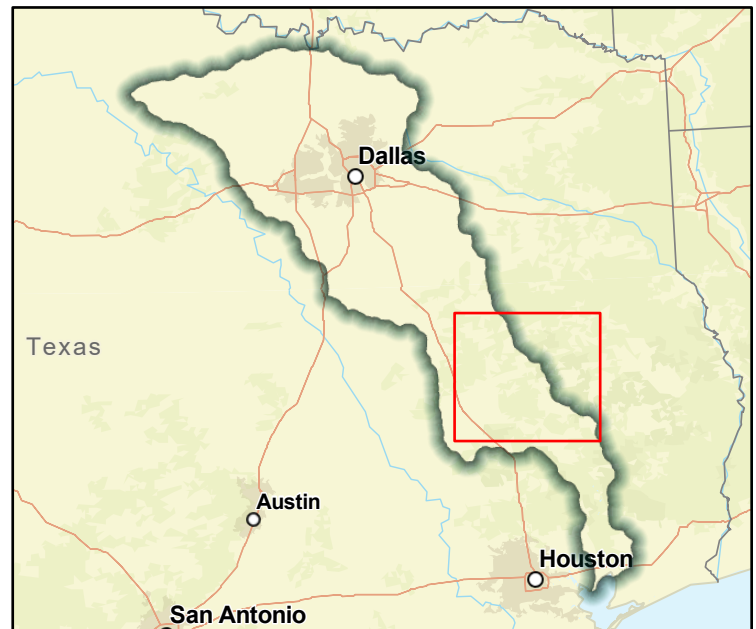
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hunt County FEMA Mapping**

ID# **031000017**

Sponsor (name of entity, not person) **Hunt 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? **-**

Emergency Need? **No**

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

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 **1**

Historical road closures **-**

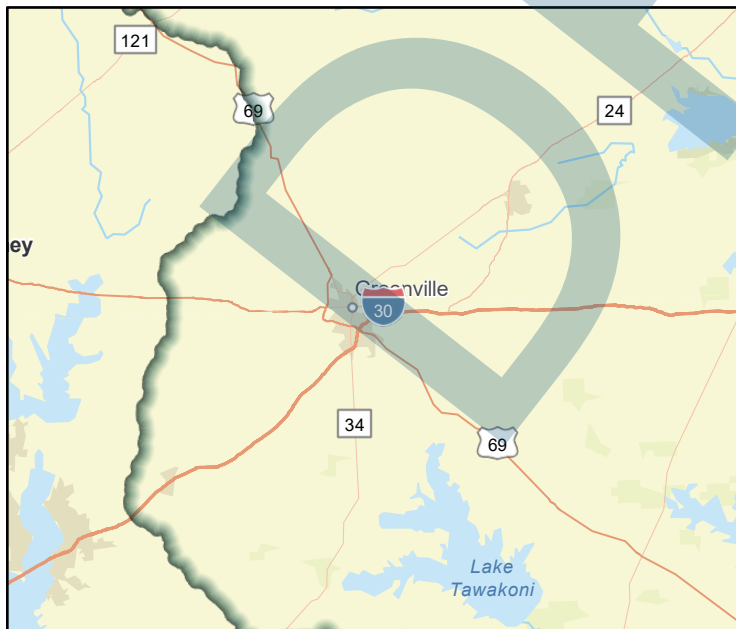
Estimated Cost and Funding Availability

Total Cost **\$1,064,000**

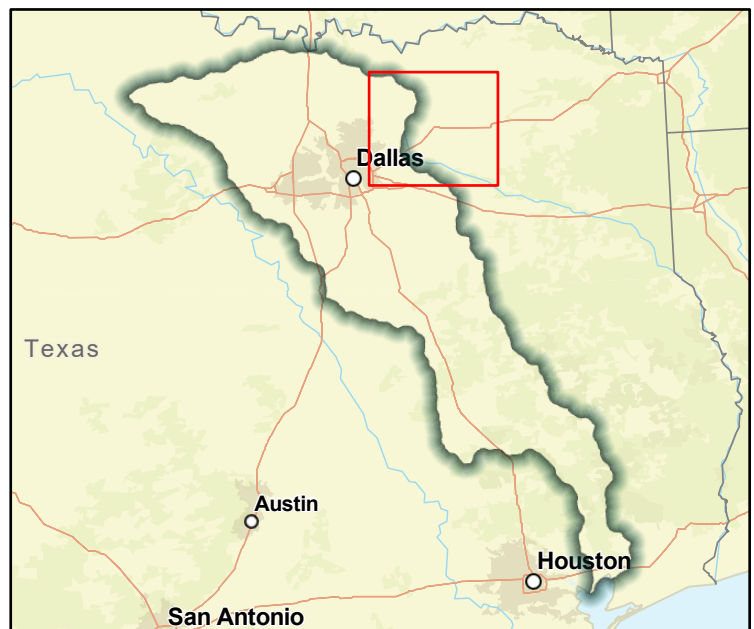
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Jack County FEMA Mapping

ID# 031000018

Sponsor (name of entity, not person) Jack 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 -

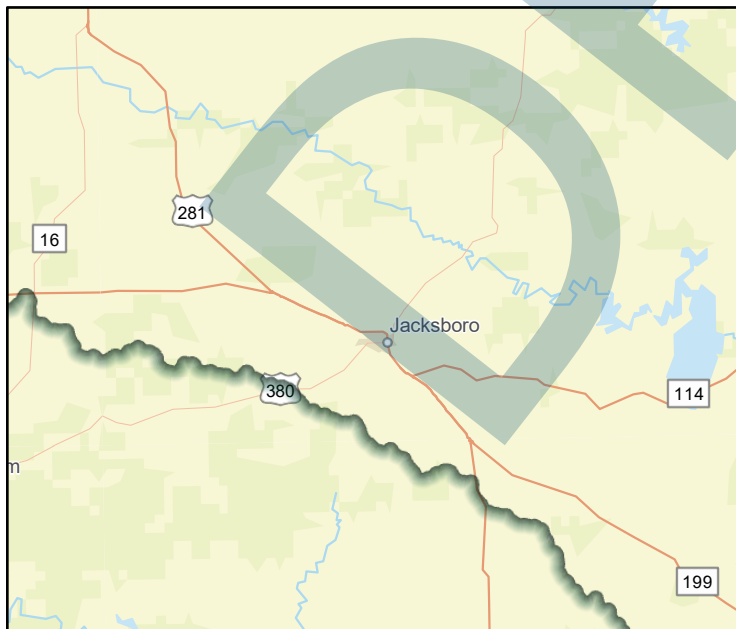
Estimated Cost and Funding Availability

Total Cost \$1,122,000

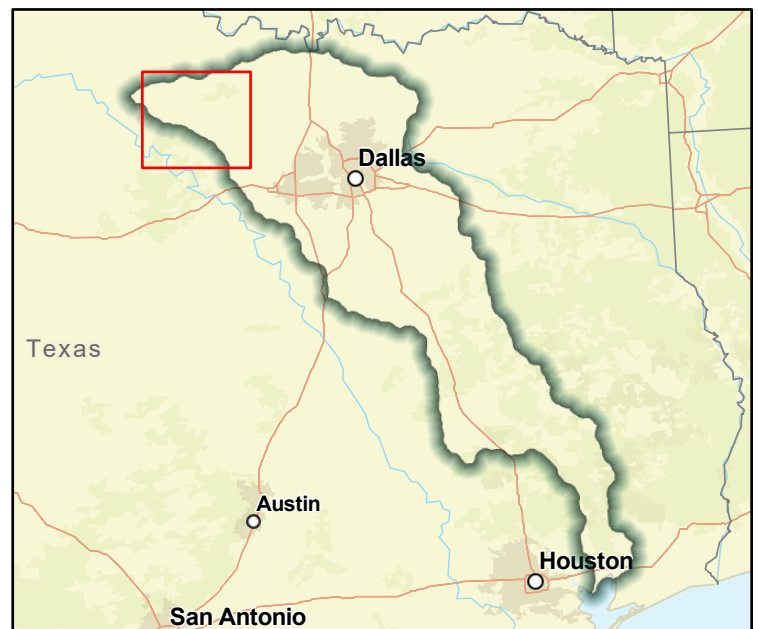
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Johnson County FEMA Mapping

ID# 031000019

Sponsor (name of entity, not person) Johnson 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 21

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 418

Historical road closures -

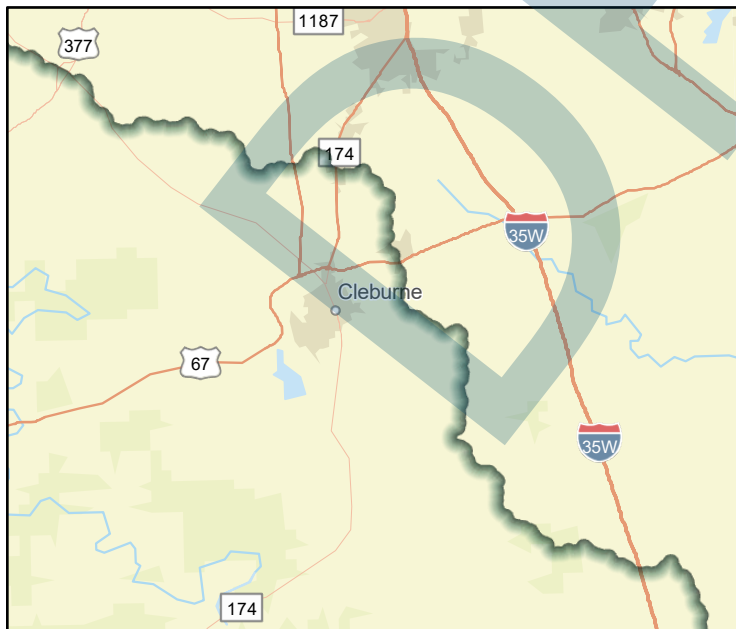
Estimated Cost and Funding Availability

Total Cost \$977,000

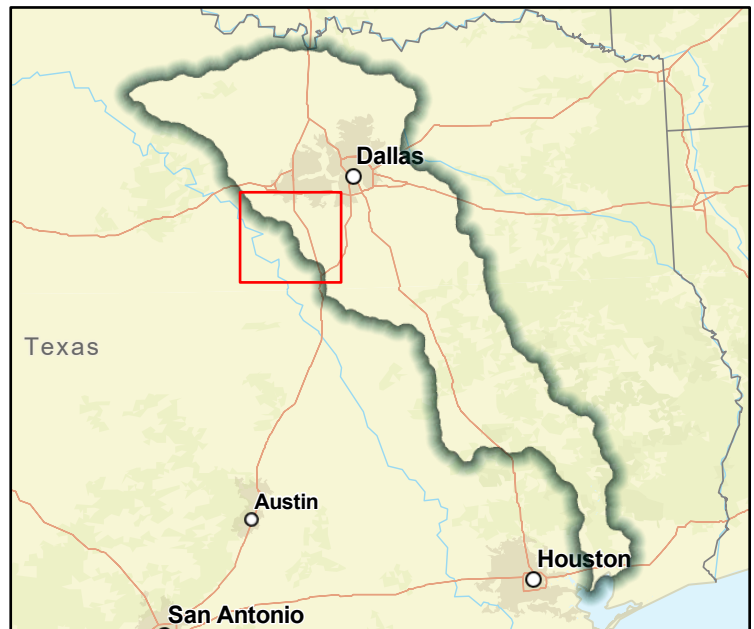
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Kaufman County FEMA Mapping

ID# 031000020

Sponsor (name of entity, not person) Kaufman 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 26

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 38

Historical road closures -

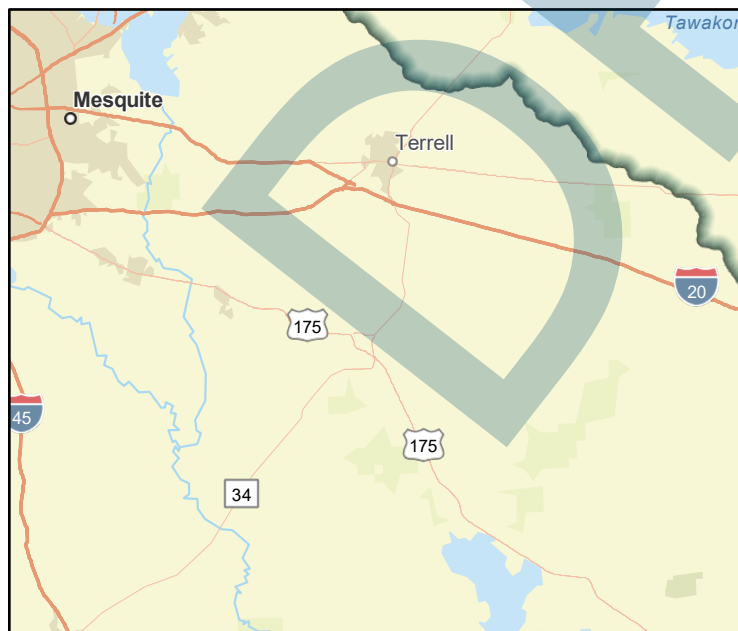
Estimated Cost and Funding Availability

Total Cost \$985,000

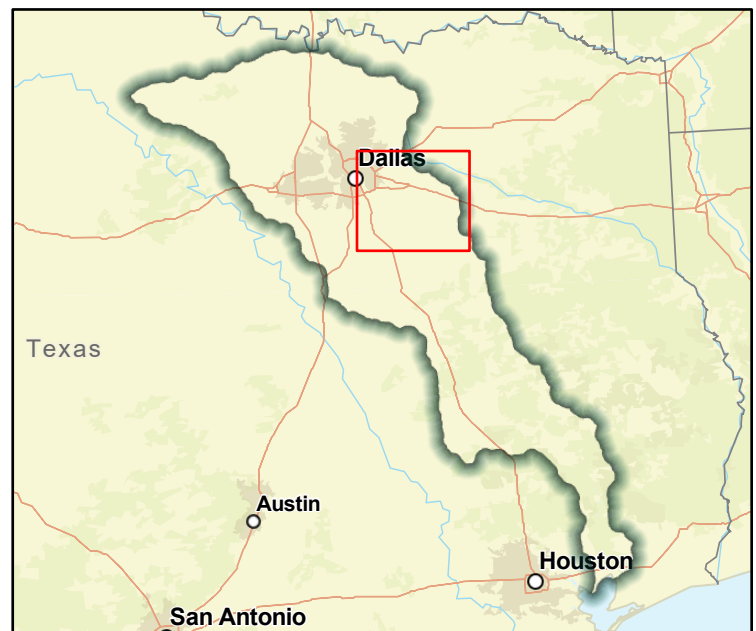
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Leon County FEMA Mapping

ID# 031000021

Sponsor (name of entity, not person) Leon 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 11

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 31

Historical road closures -

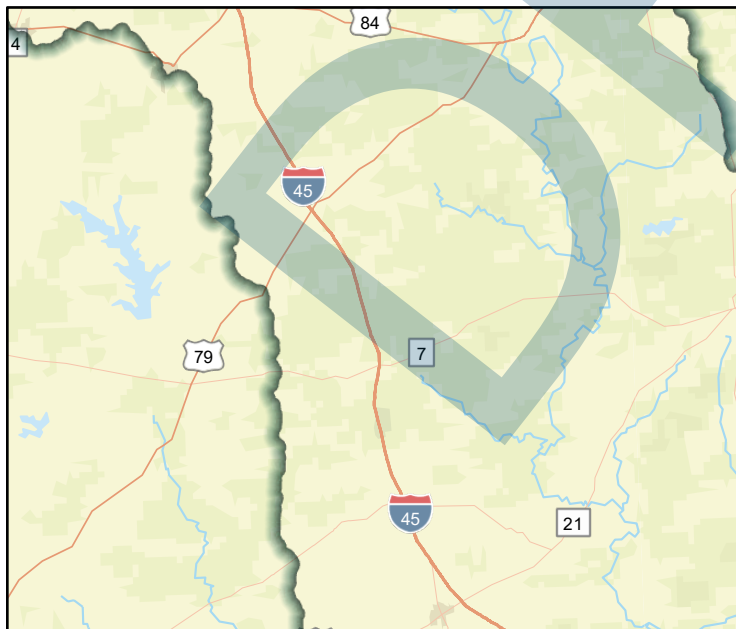
Estimated Cost and Funding Availability

Total Cost \$1,503,000

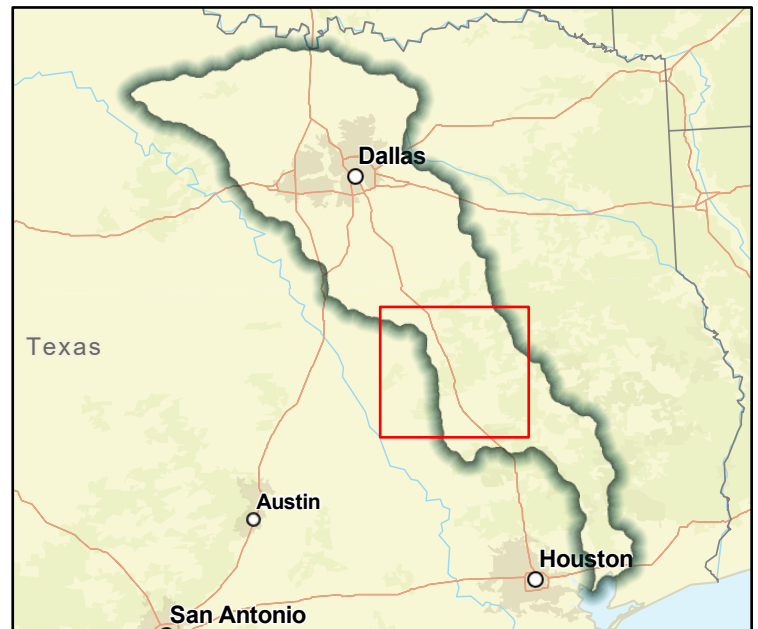
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Liberty County FEMA Mapping

ID# 031000022

Sponsor (name of entity, not person) Liberty 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 72

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 21

Historical road closures -

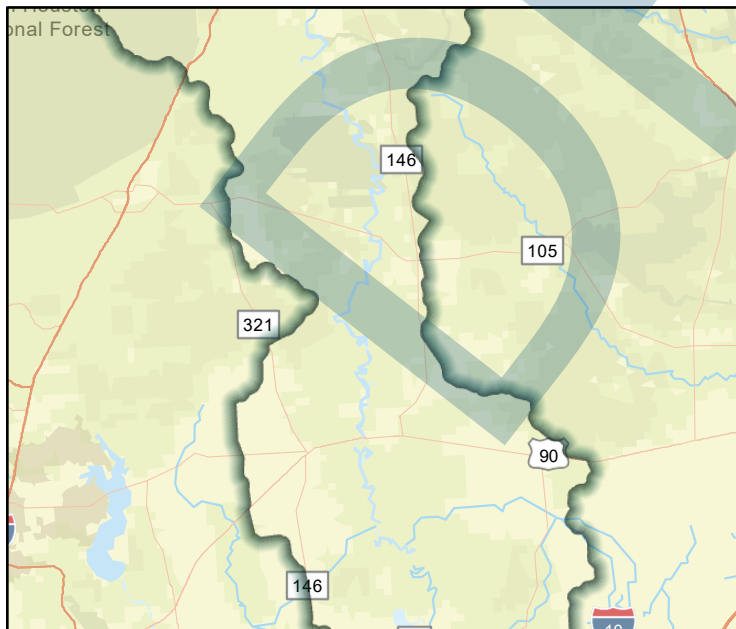
Estimated Cost and Funding Availability

Total Cost \$1,214,000

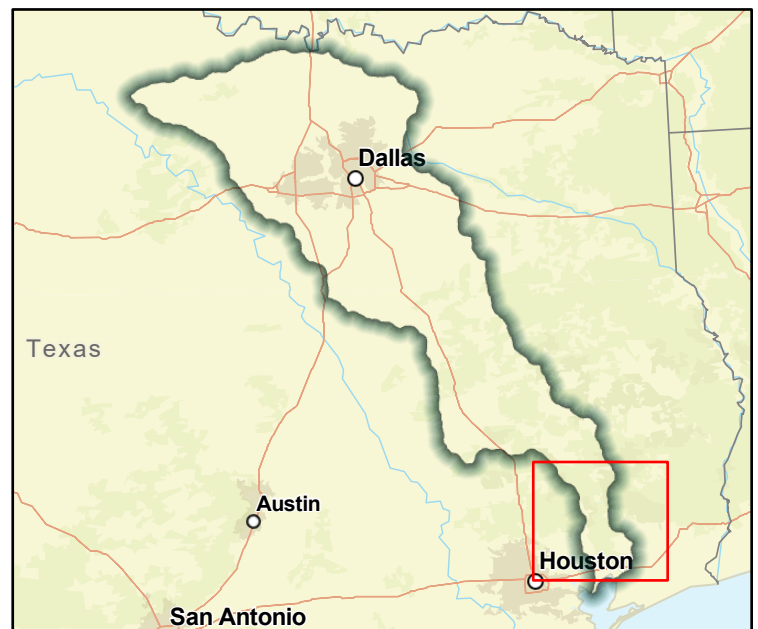
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Limestone County FEMA Mapping

ID# 031000023

Sponsor (name of entity, not person) Limestone 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 2

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 13

Historical road closures -

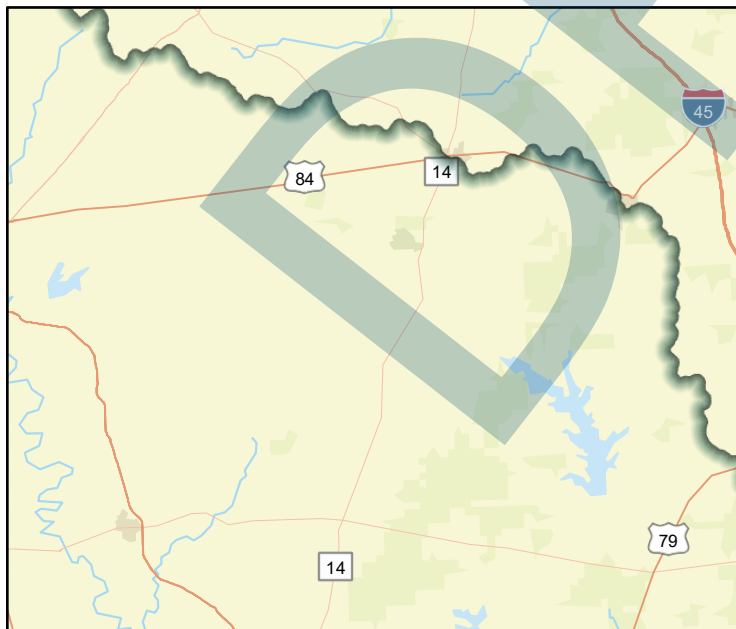
Estimated Cost and Funding Availability

Total Cost \$1,272,000

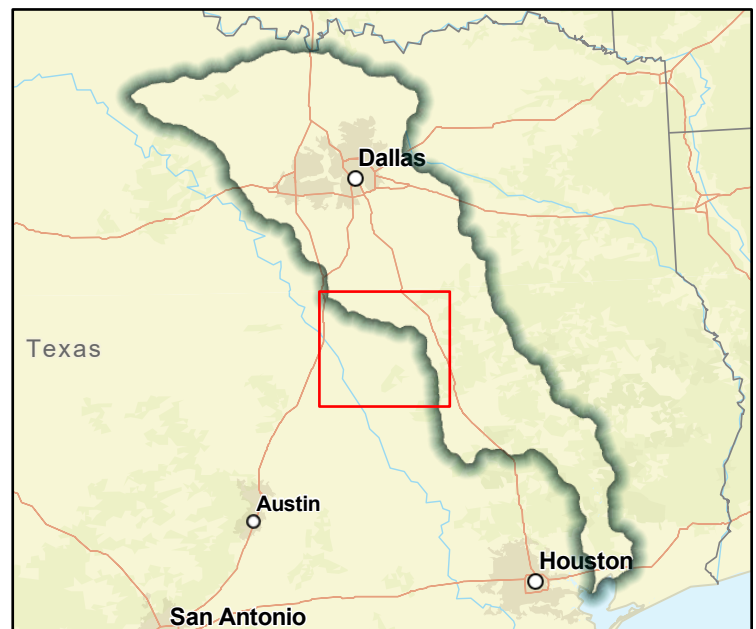
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Madison County FEMA Mapping**

ID# **031000024**

Sponsor (name of entity, not person) **Madison 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? **-**

Emergency Need? **No**

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

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 **4**

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 **19**

Historical road closures **-**

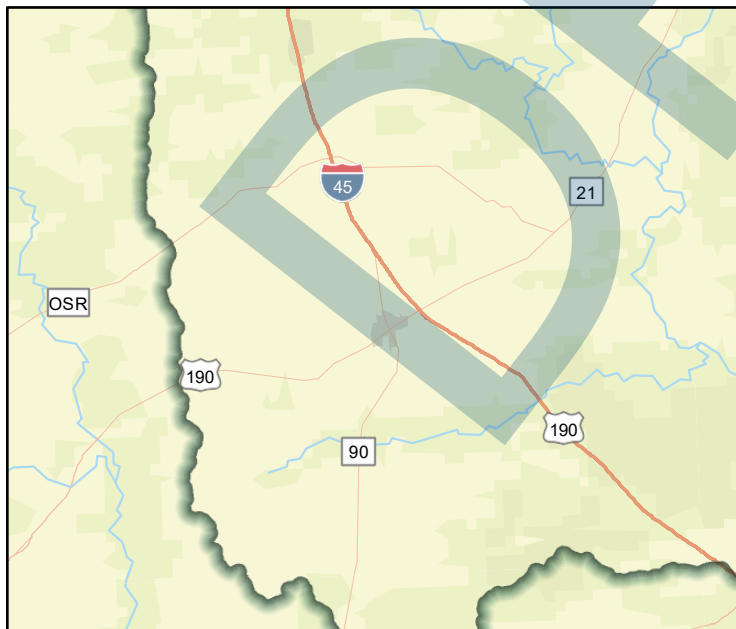
Estimated Cost and Funding Availability

Total Cost **\$724,000**

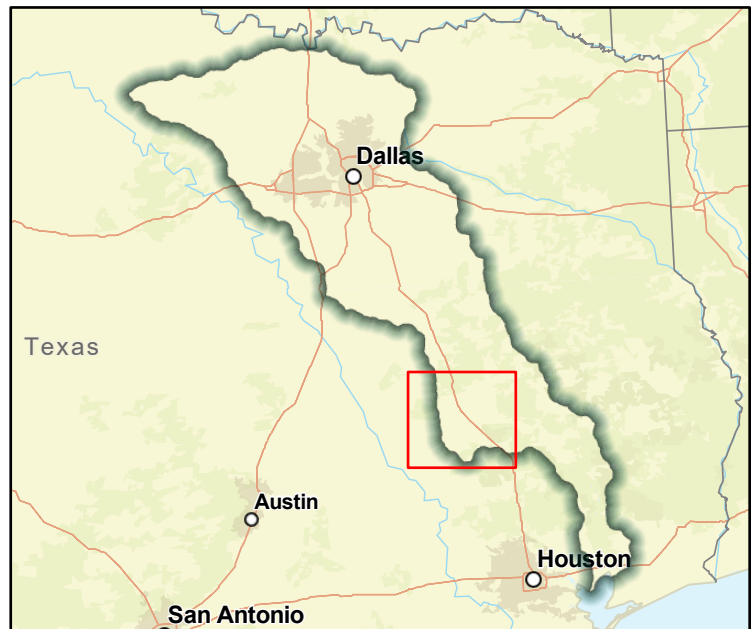
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Montague County FEMA Mapping

ID# 031000025

Sponsor (name of entity, not person) Montague 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 4

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 20

Historical road closures -

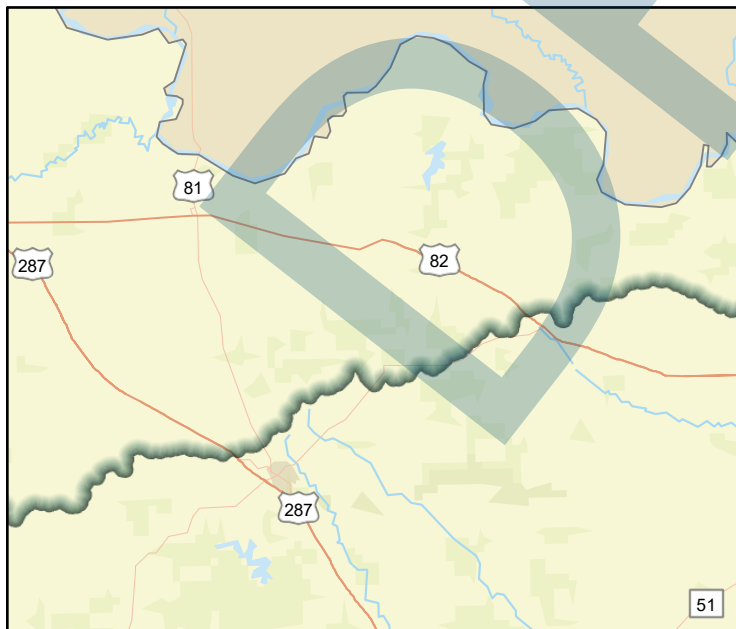
Estimated Cost and Funding Availability

Total Cost \$1,203,000

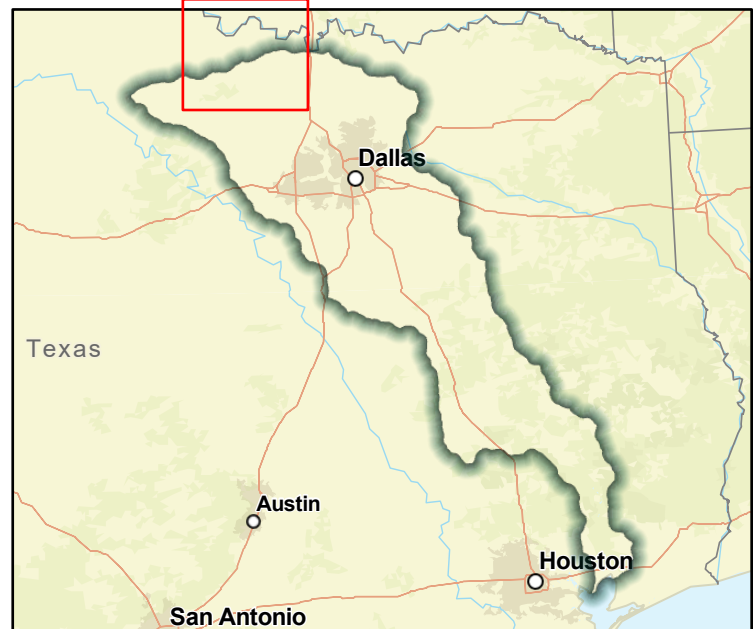
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Navarro County FEMA Mapping**

ID# **031000026**

Sponsor (name of entity, not person) **Navarro 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? **-**

Emergency Need? **No**

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

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 **19**

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 **139**

Historical road closures **-**

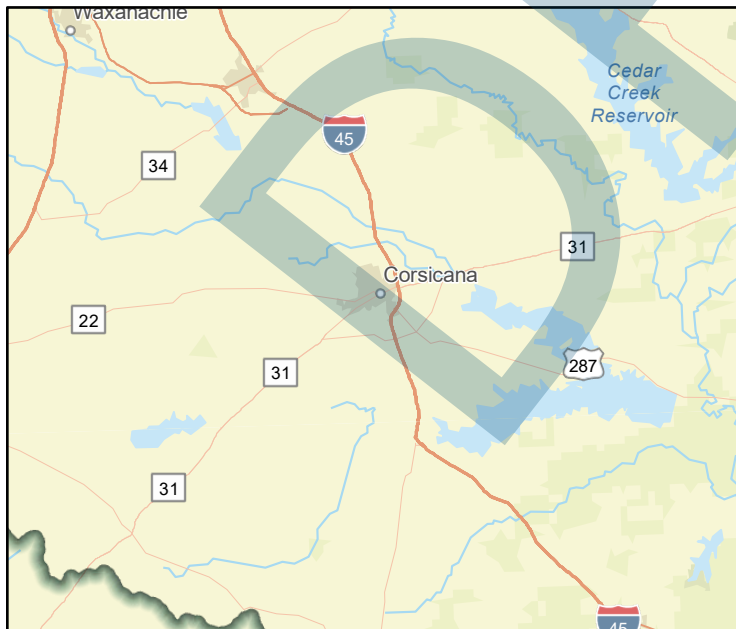
Estimated Cost and Funding Availability

Total Cost **\$1,482,000**

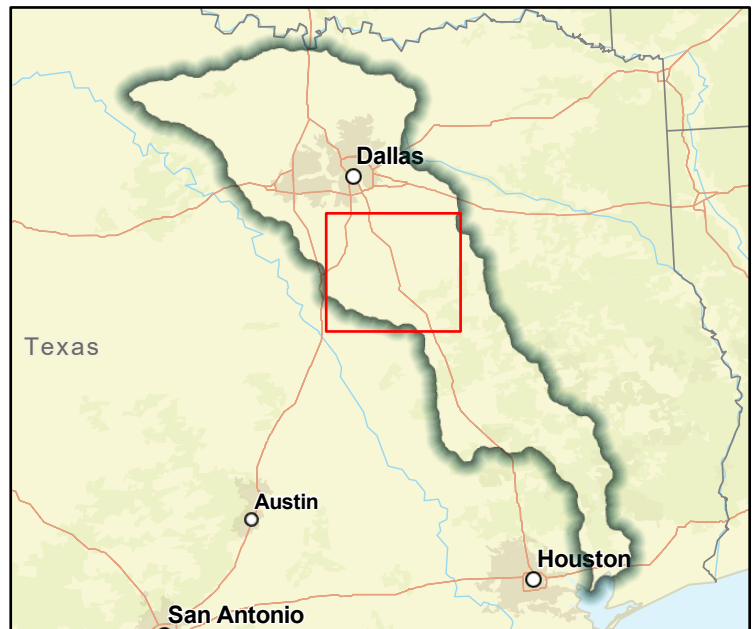
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Parker County FEMA Mapping

ID# 031000027

Sponsor (name of entity, not person) Parker 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 37

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 49

Historical road closures -

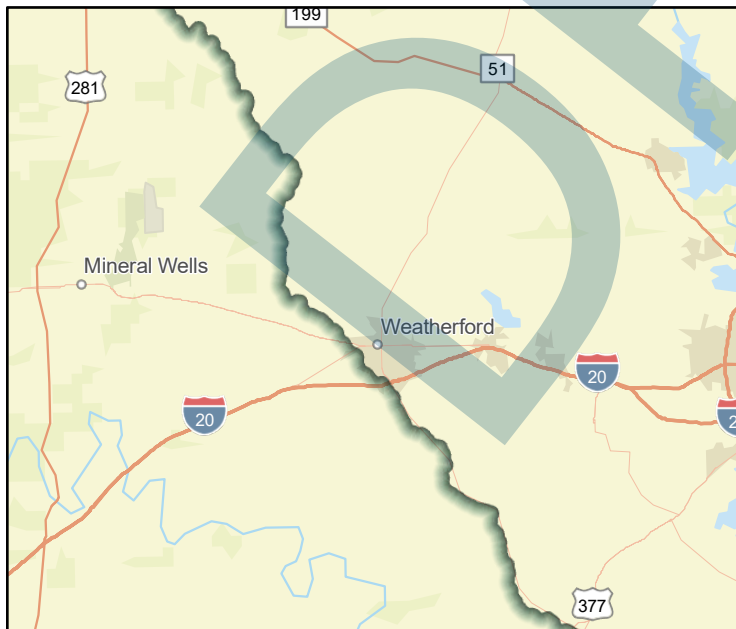
Estimated Cost and Funding Availability

Total Cost \$1,144,000

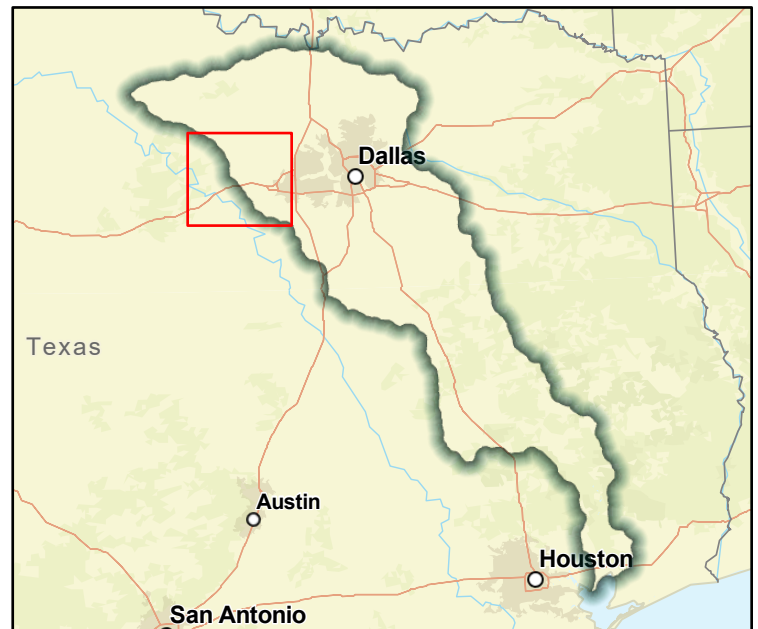
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Polk County FEMA Mapping

ID# 031000028

Sponsor (name of entity, not person) Polk 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 38

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 18

Historical road closures -

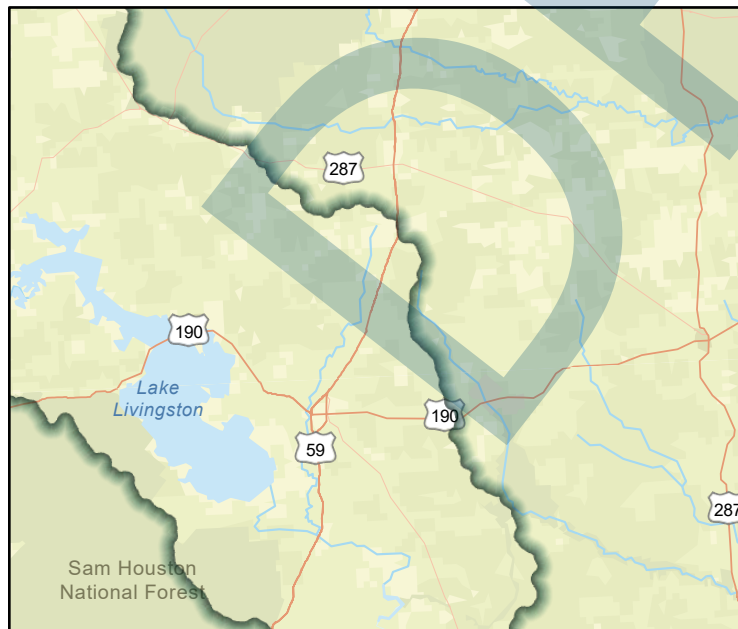
Estimated Cost and Funding Availability

Total Cost \$1,560,000

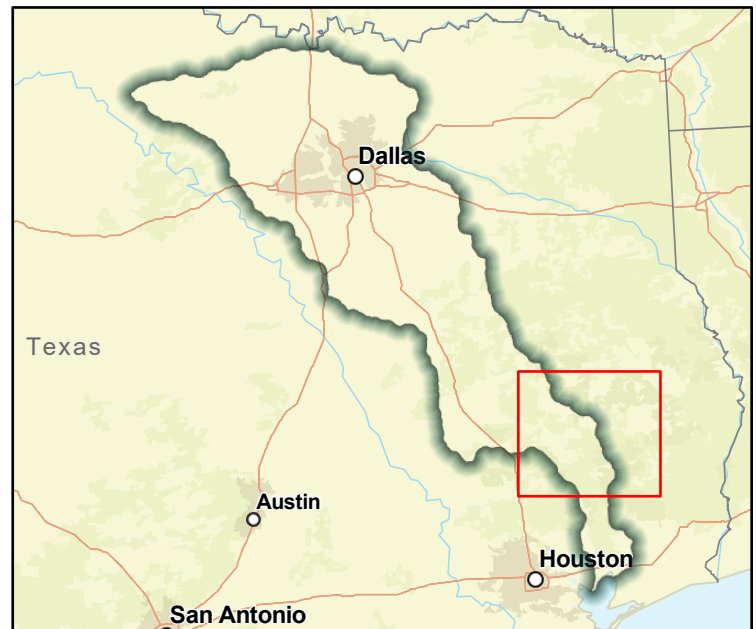
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 10

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 19

Historical road closures -

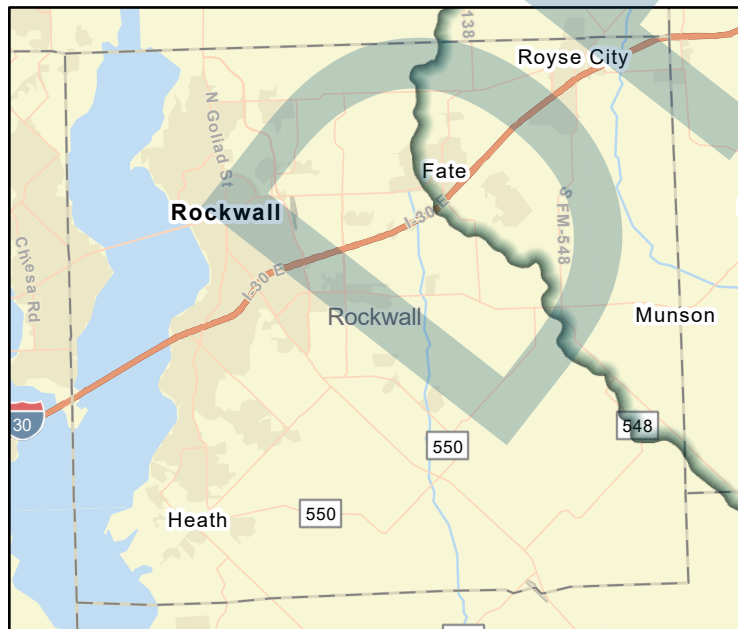
Estimated Cost and Funding Availability

Total Cost \$252,000

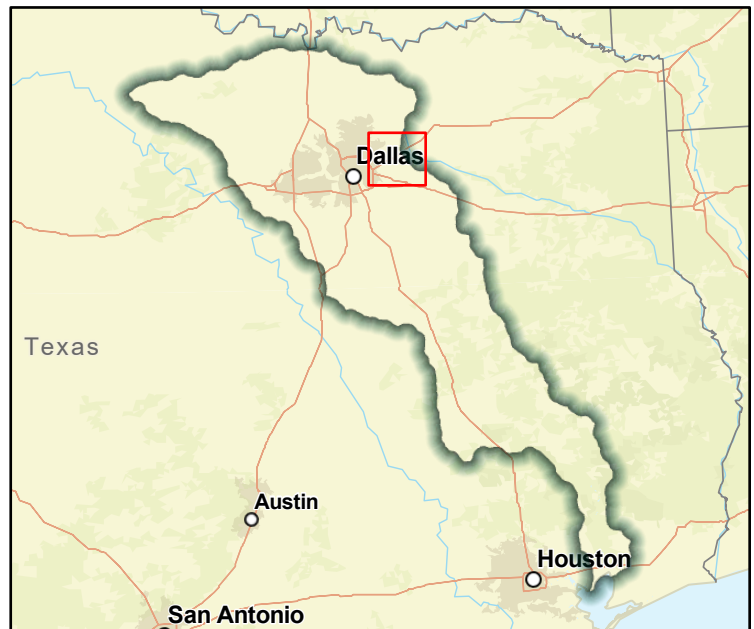
Amount of Available Funding -

Federal funding availability -

Funding source -



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) 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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 19

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 1

Historical road closures -

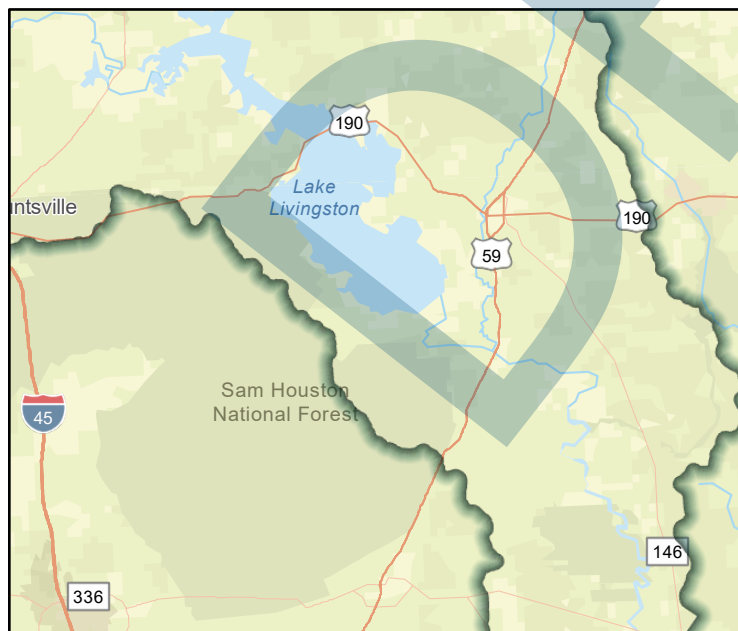
Estimated Cost and Funding Availability

Total Cost \$907,000

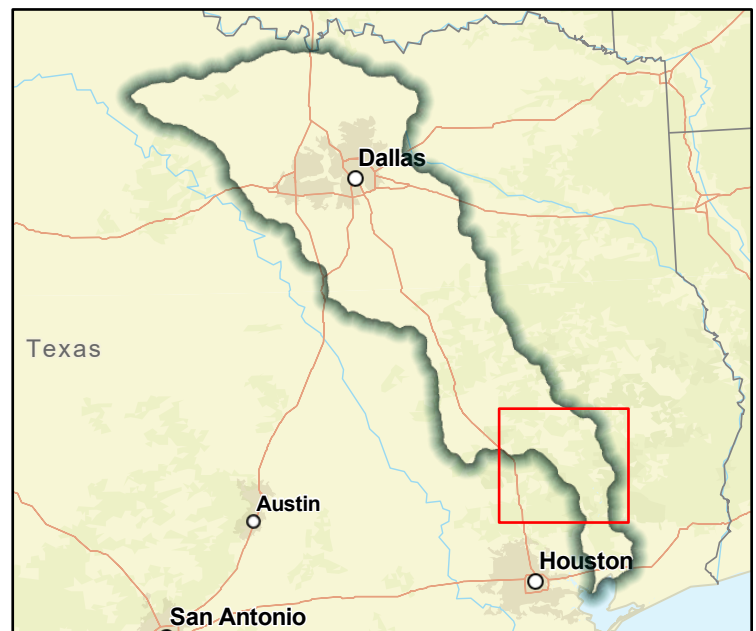
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 38

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 4

Historical road closures -

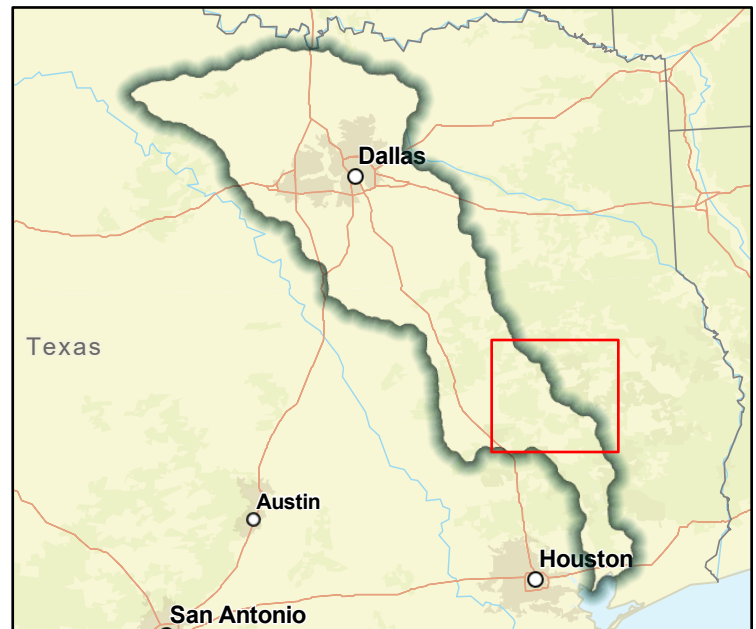
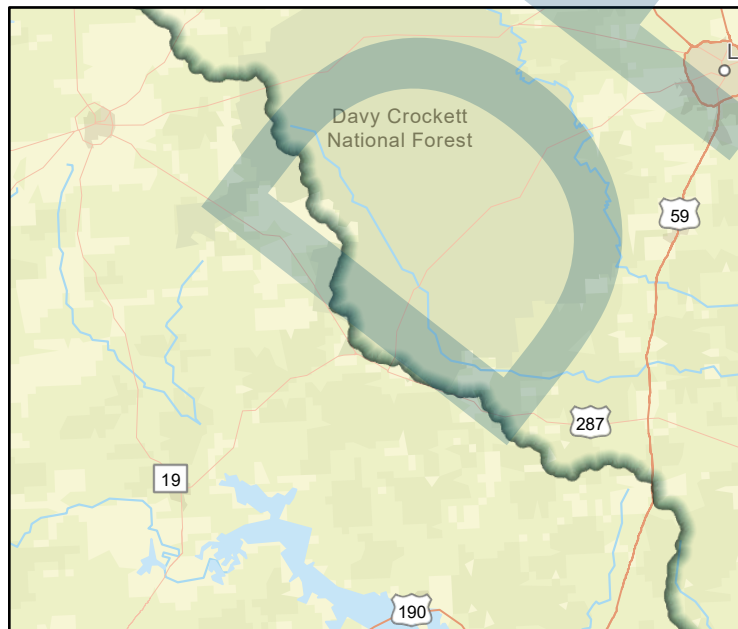
Estimated Cost and Funding Availability

Total Cost \$989,000

Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 3

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 24

Historical road closures -

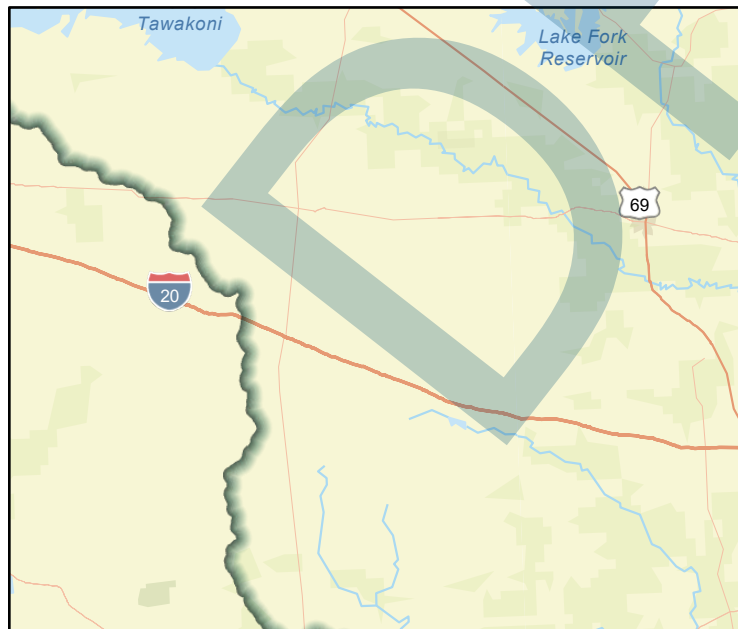
Estimated Cost and Funding Availability

Total Cost \$1,272,000

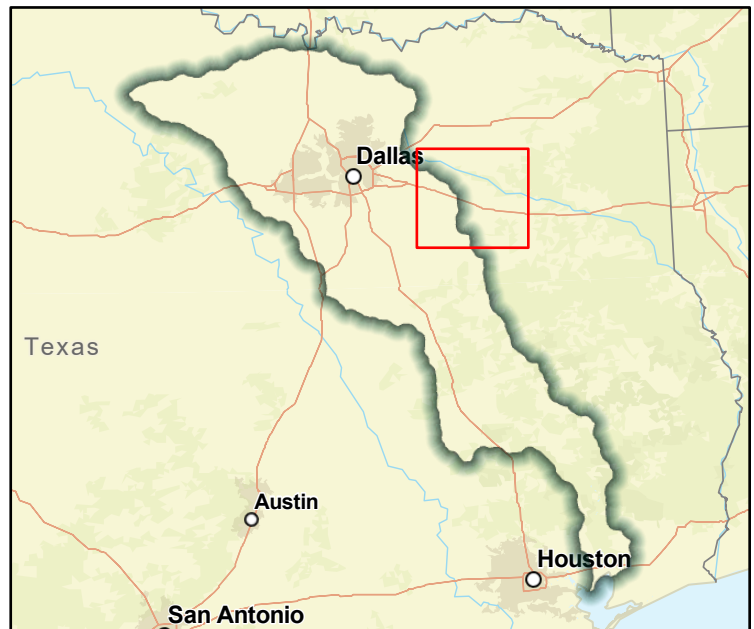
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 13

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 15

Historical road closures -

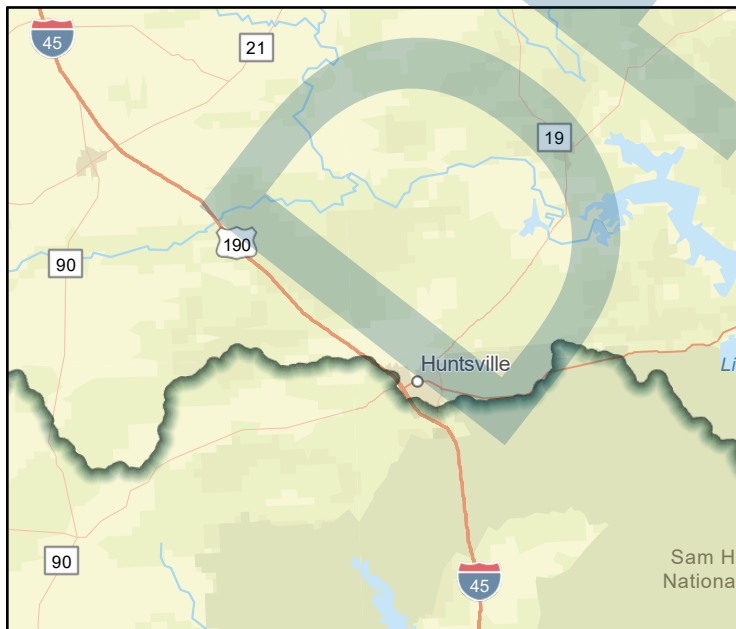
Estimated Cost and Funding Availability

Total Cost \$1,276,000

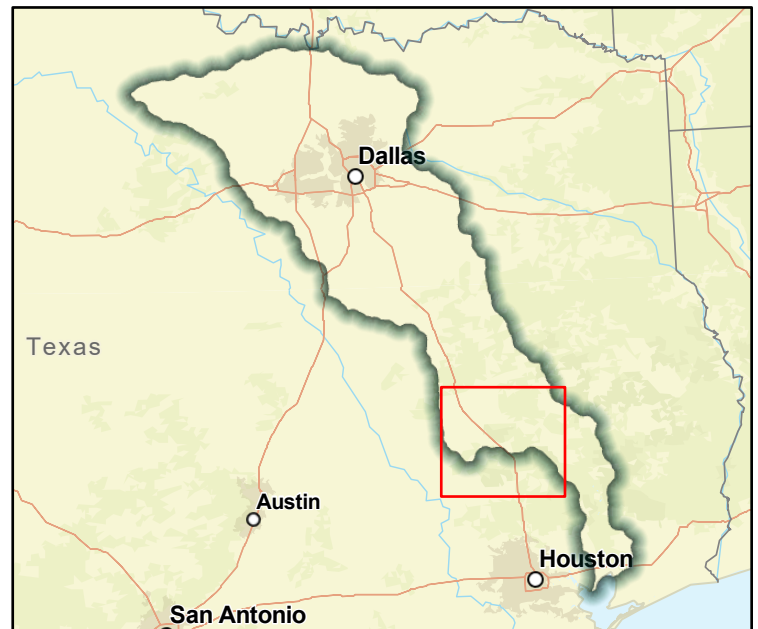
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 25

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 53

Historical road closures -

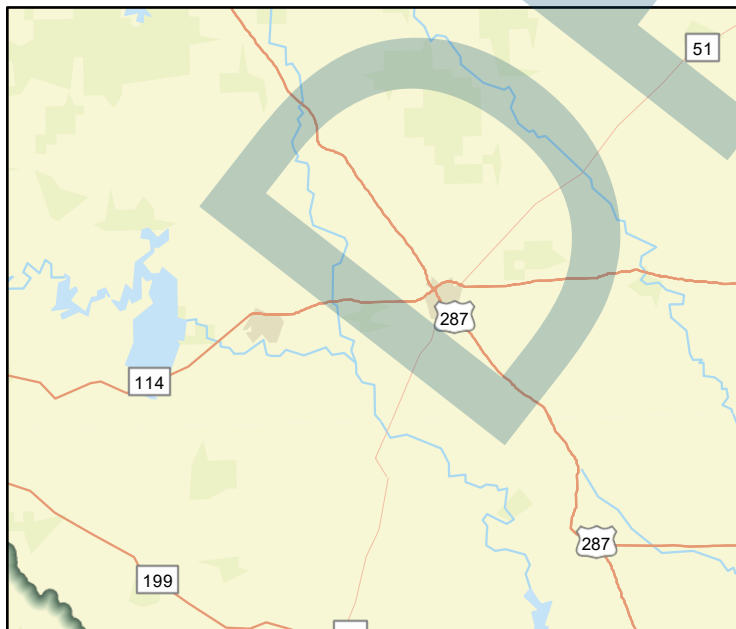
Estimated Cost and Funding Availability

Total Cost \$1,317,000

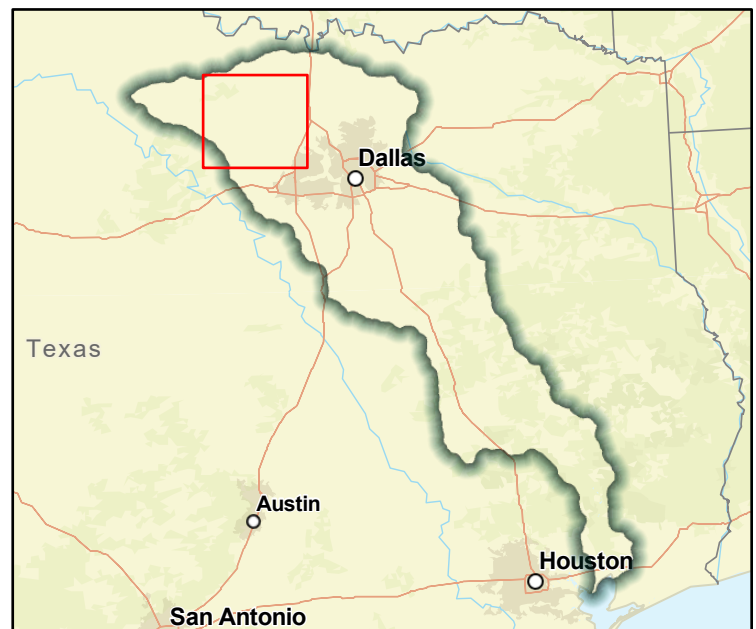
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 3

Historical road closures -

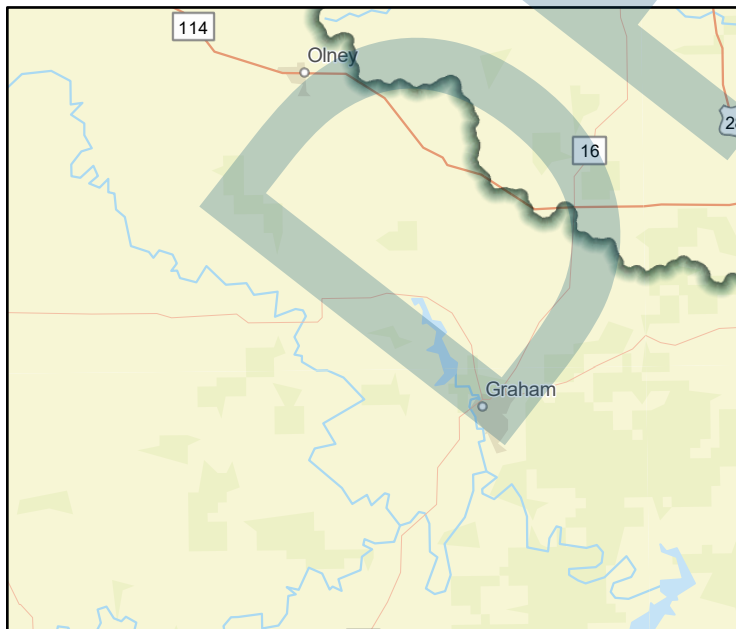
Estimated Cost and Funding Availability

Total Cost \$1,407,000

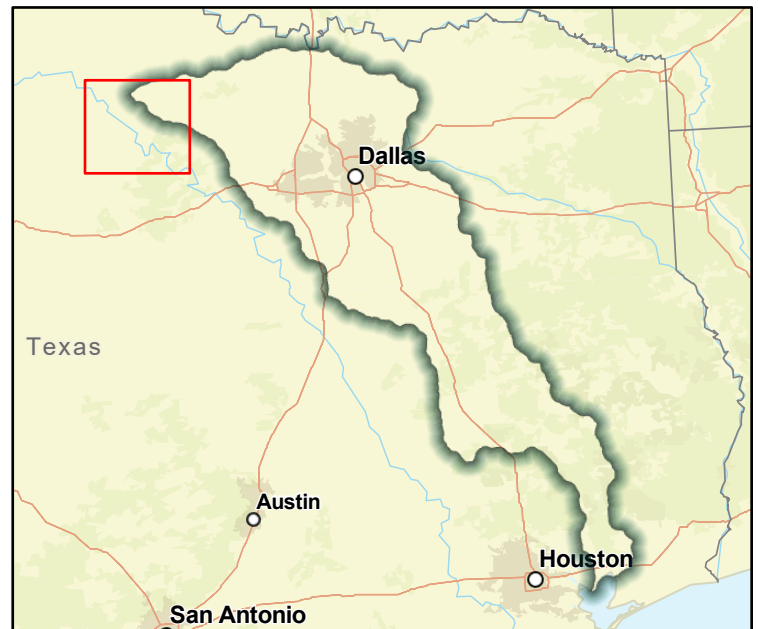
Amount of Available Funding -

Federal funding availability -

Funding source -



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) NCTCOG

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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 66

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 234

Historical road closures -

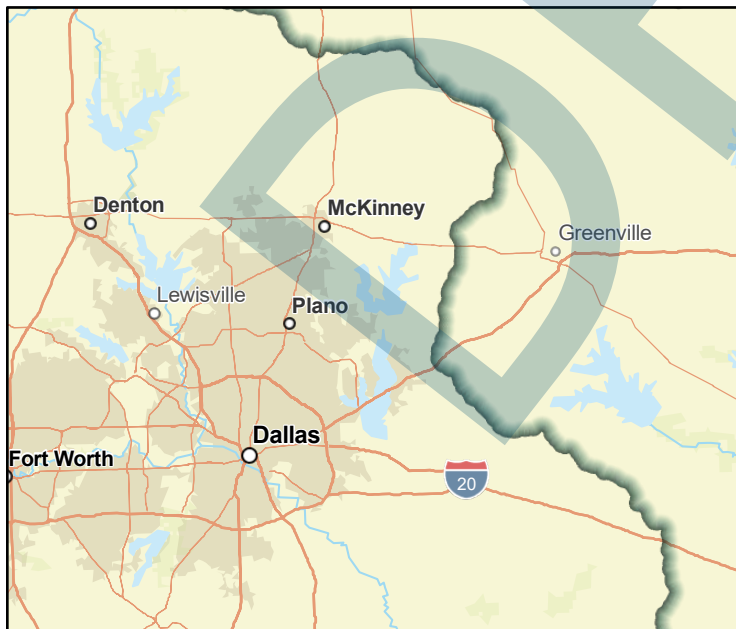
Estimated Cost and Funding Availability

Total Cost \$4,582,000

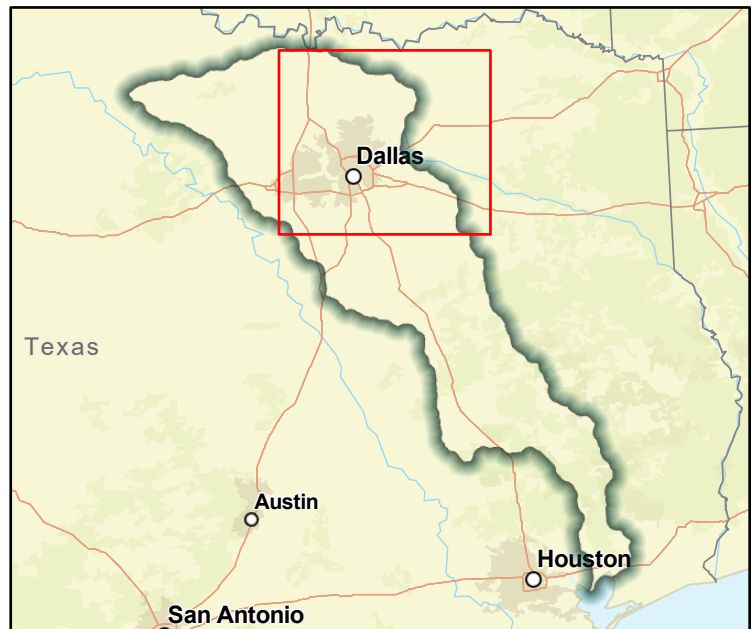
Amount of Available Funding -

Federal funding availability -

Funding source -



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) NCTCOG

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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 27

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 71

Historical road closures -

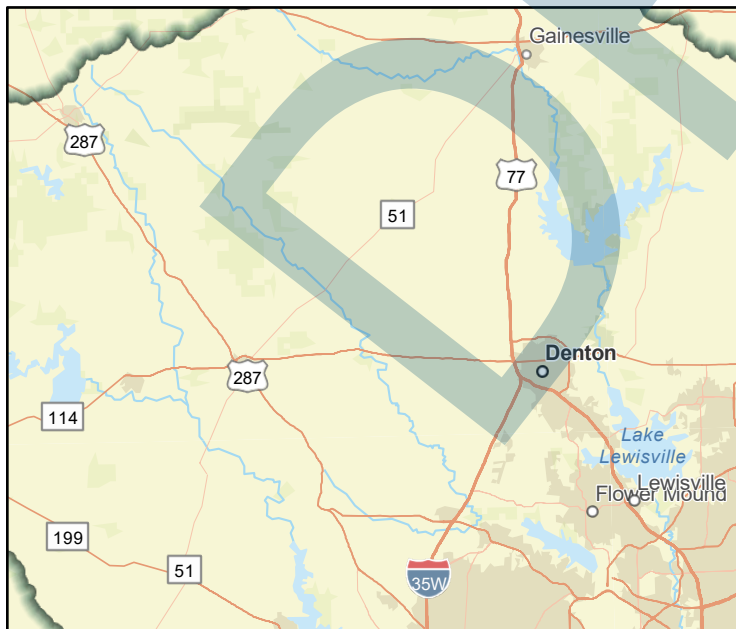
Estimated Cost and Funding Availability

Total Cost \$1,115,000

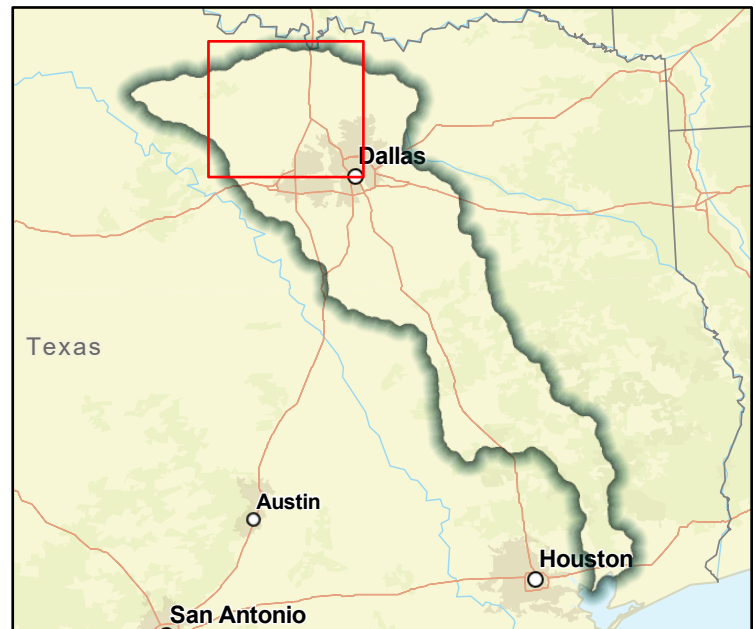
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 28

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 86

Historical road closures -

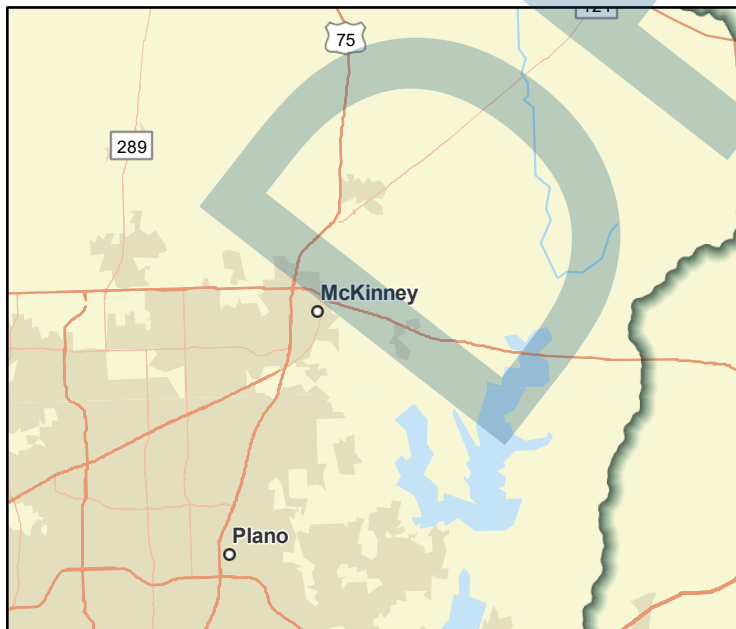
Estimated Cost and Funding Availability

Total Cost \$855,000

Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 24

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 5

Historical road closures -

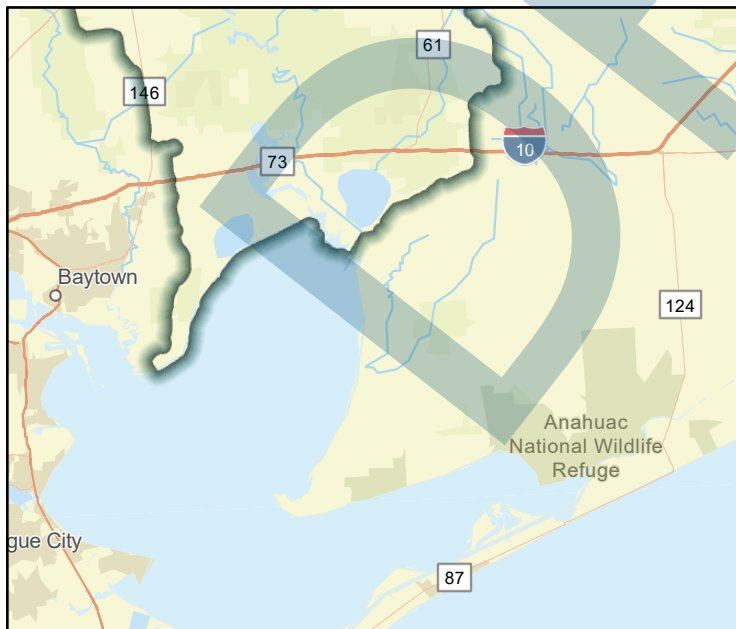
Estimated Cost and Funding Availability

Total Cost \$462,000

Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 216

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 499

Historical road closures -

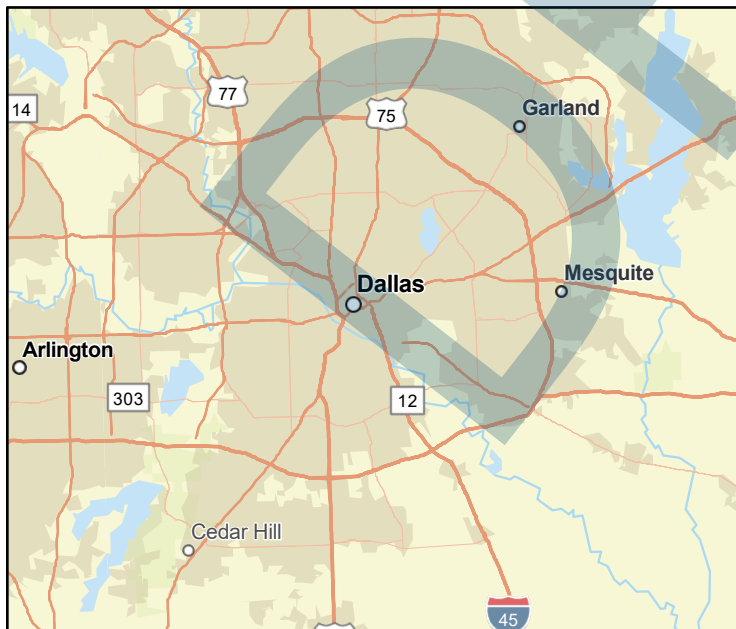
Estimated Cost and Funding Availability

Total Cost \$587,000

Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 5

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 46

Historical road closures -

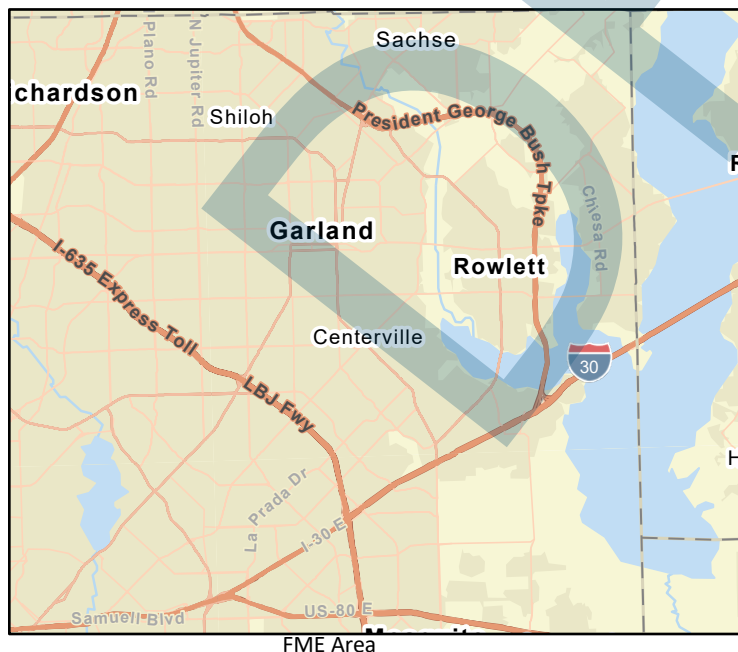
Estimated Cost and Funding Availability

Total Cost \$500,000

Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 177

Historical road closures -

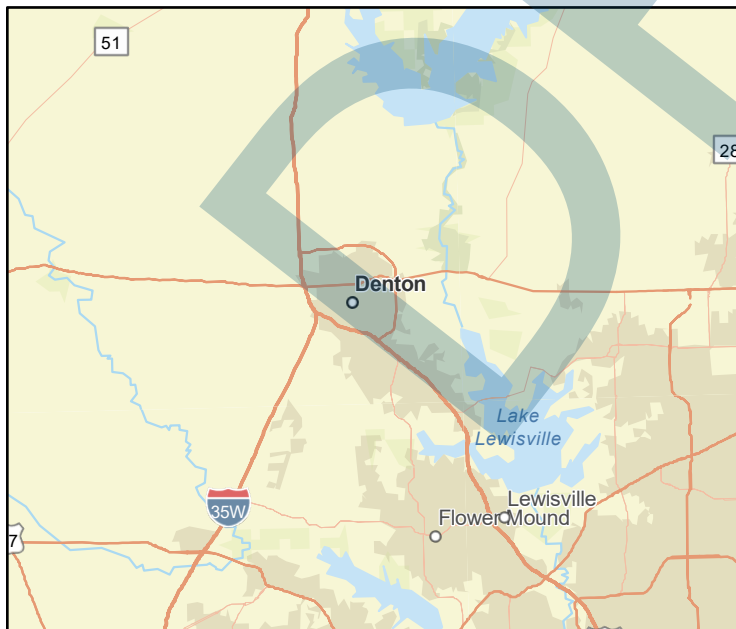
Estimated Cost and Funding Availability

Total Cost \$613,000

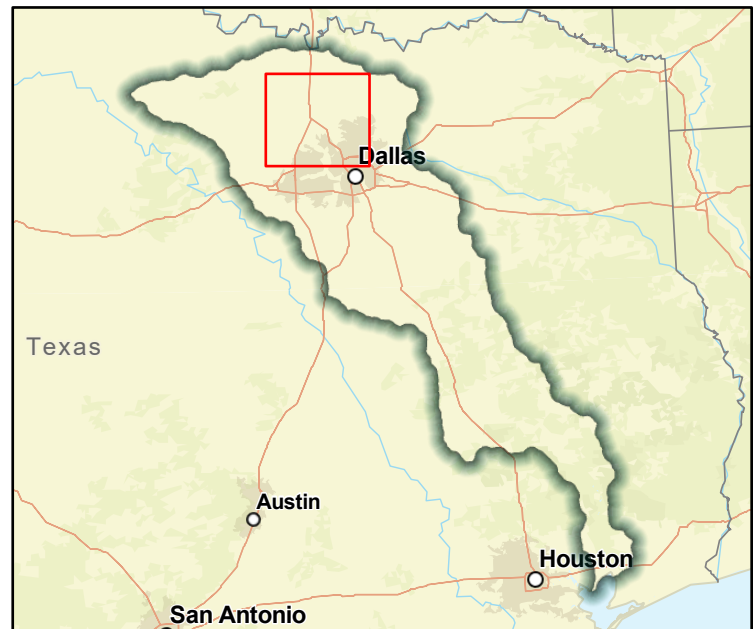
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 36

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 163

Historical road closures -

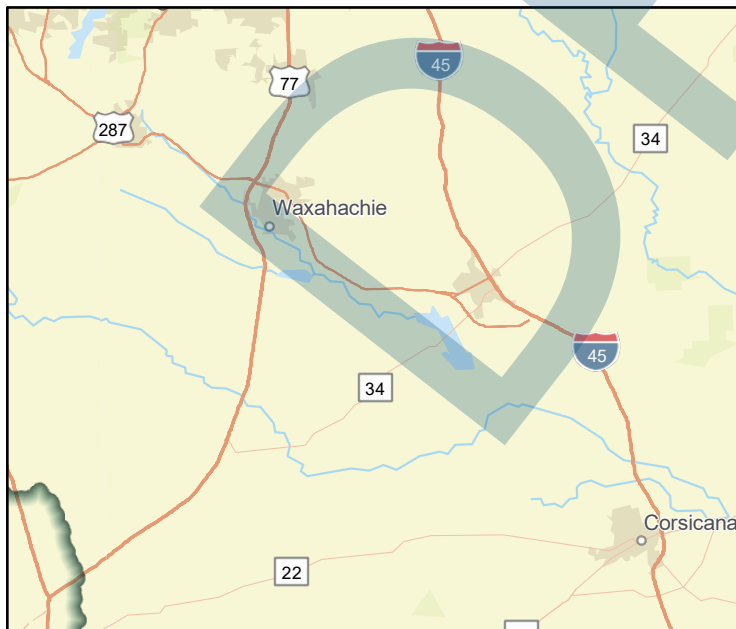
Estimated Cost and Funding Availability

Total Cost \$758,000

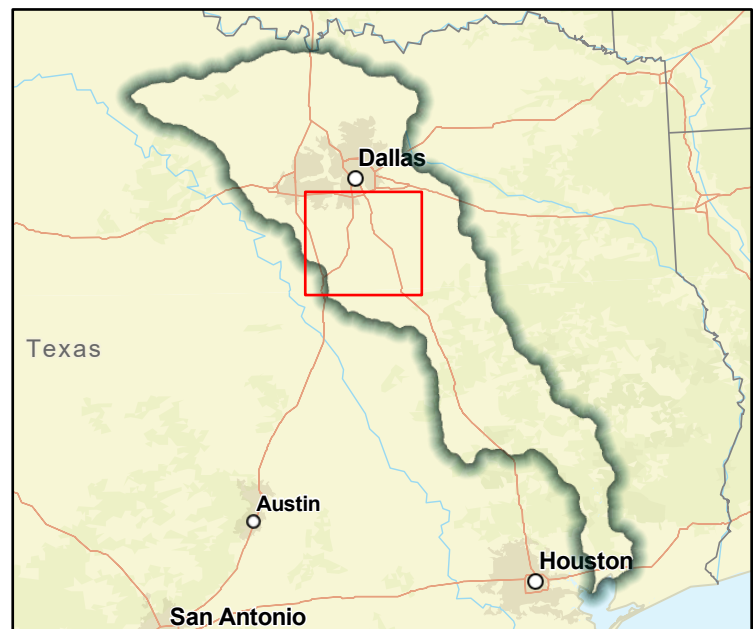
Amount of Available Funding -

Federal funding availability -

Funding source -



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? **-**

Emergency Need? **No**

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

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 **4**

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 **19**

Historical road closures **-**

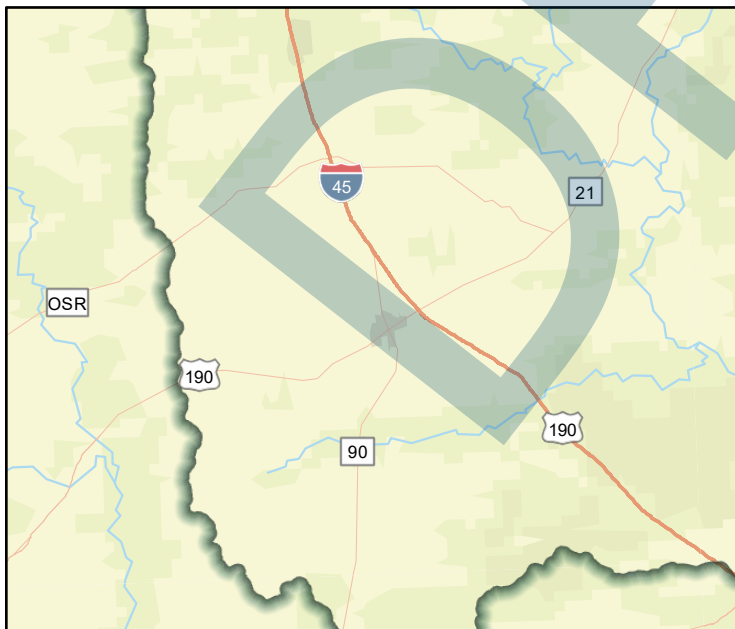
Estimated Cost and Funding Availability

Total Cost **\$478,000**

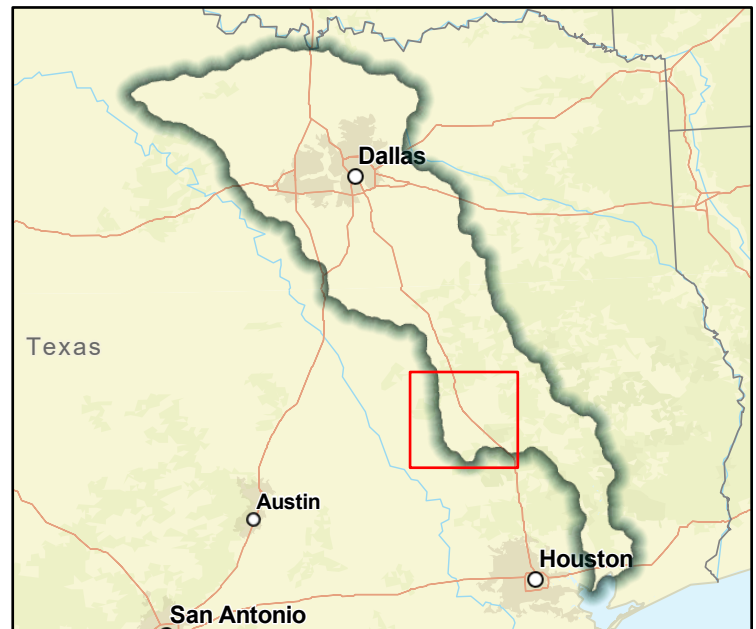
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



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? **-**

Emergency Need? **No**

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

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 **19**

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 **139**

Historical road closures **-**

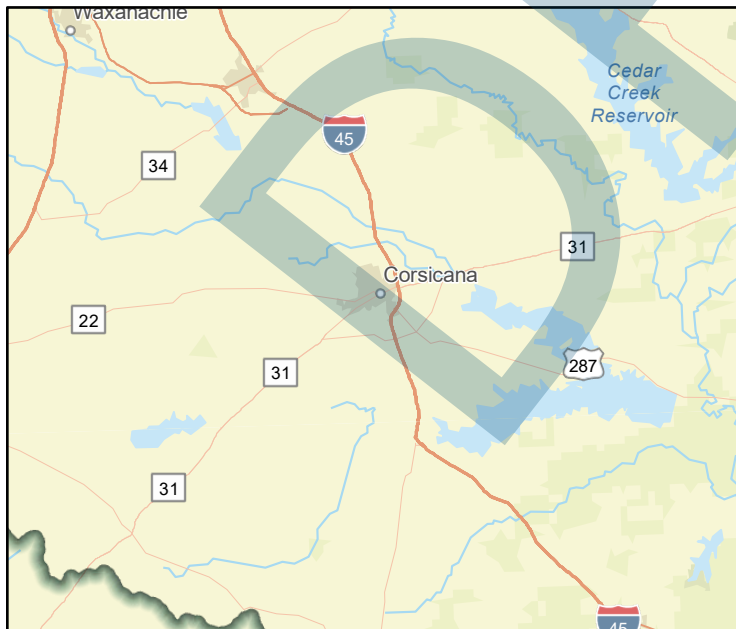
Estimated Cost and Funding Availability

Total Cost **\$744,000**

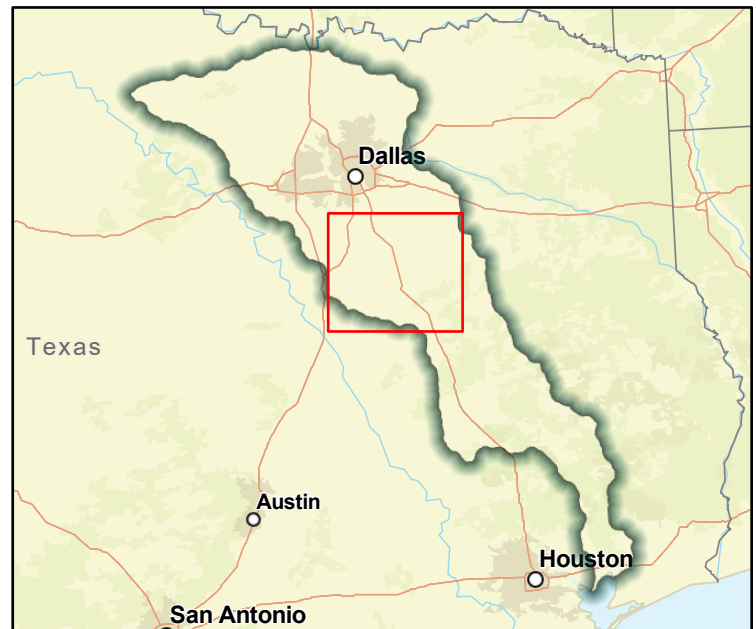
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 37

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 49

Historical road closures -

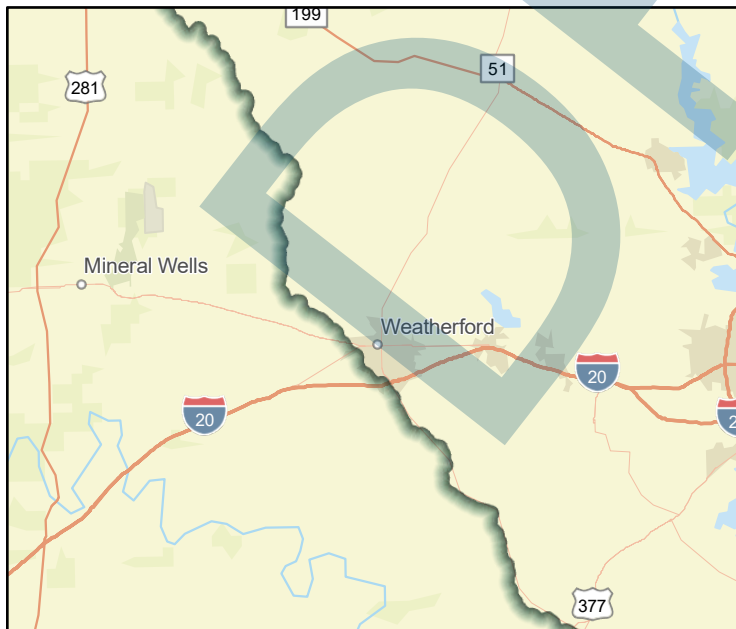
Estimated Cost and Funding Availability

Total Cost \$569,000

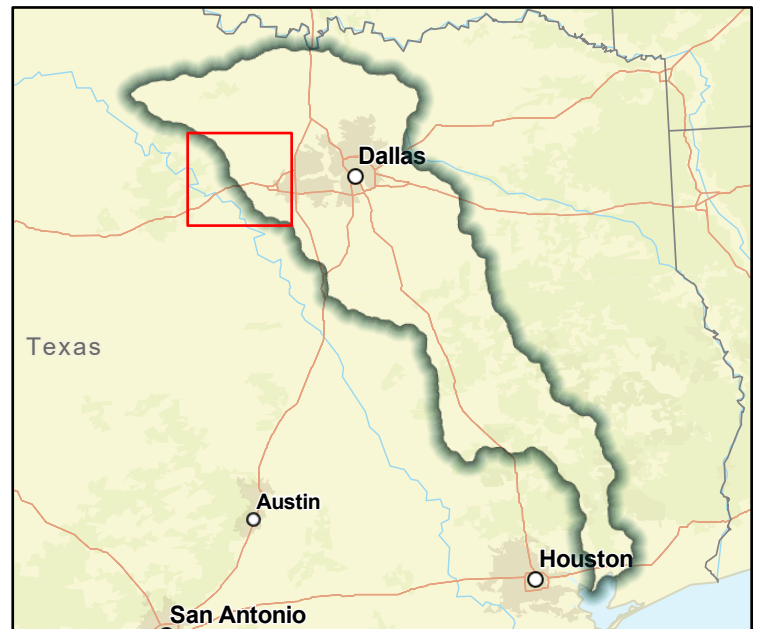
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 109

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 709

Historical road closures -

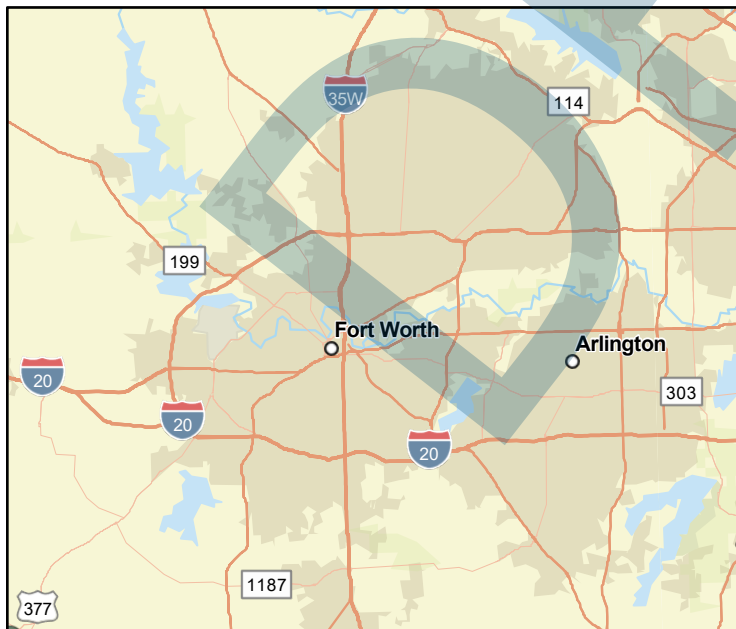
Estimated Cost and Funding Availability

Total Cost \$604,000

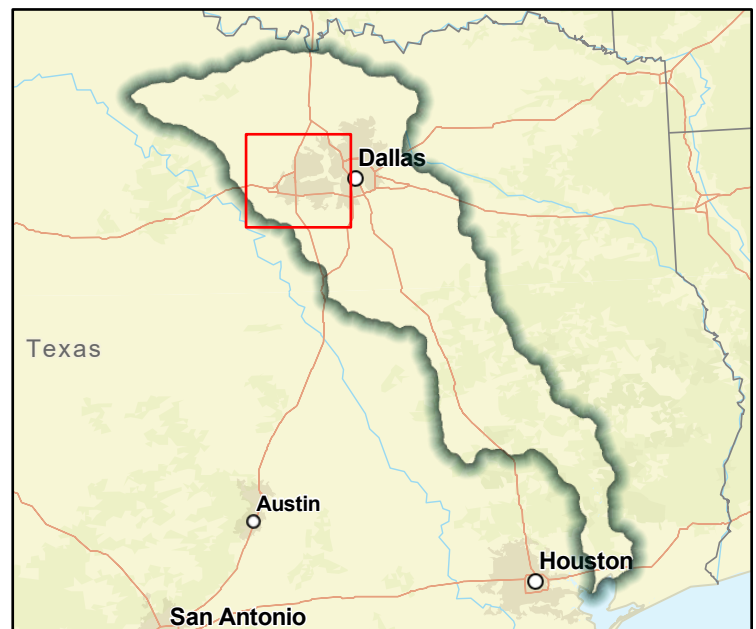
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 26

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 38

Historical road closures -

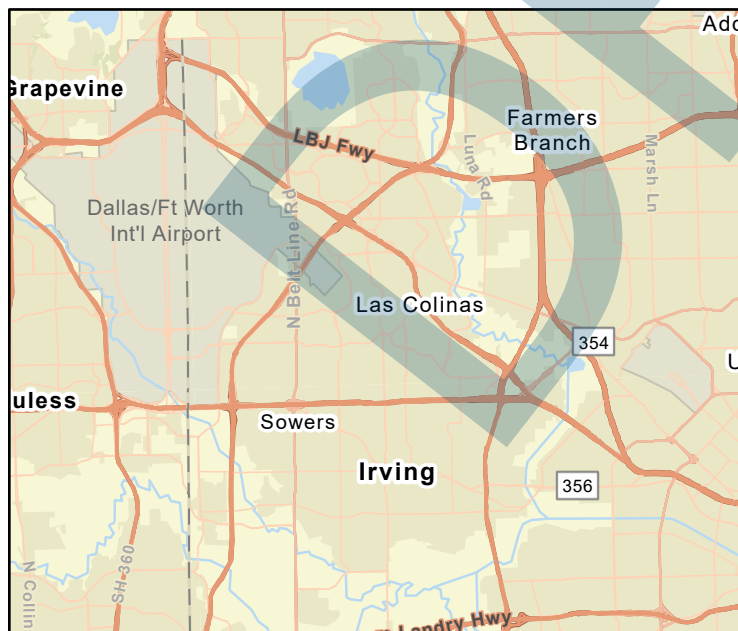
Estimated Cost and Funding Availability

Total Cost \$250,000

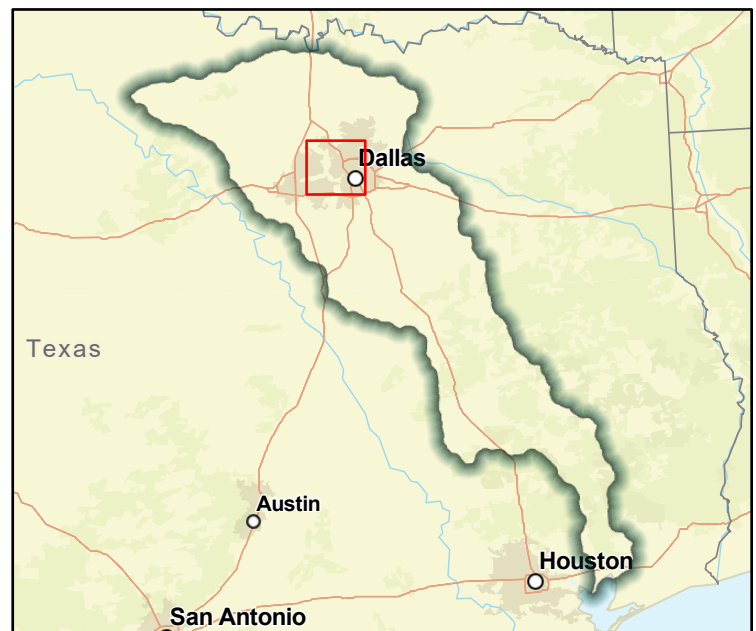
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 54

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 210

Historical road closures -

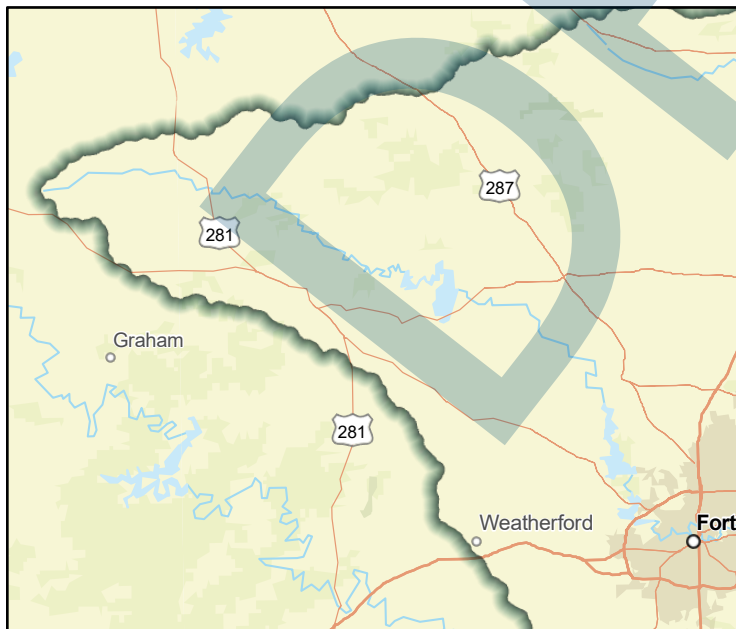
Estimated Cost and Funding Availability

Total Cost \$2,000,000

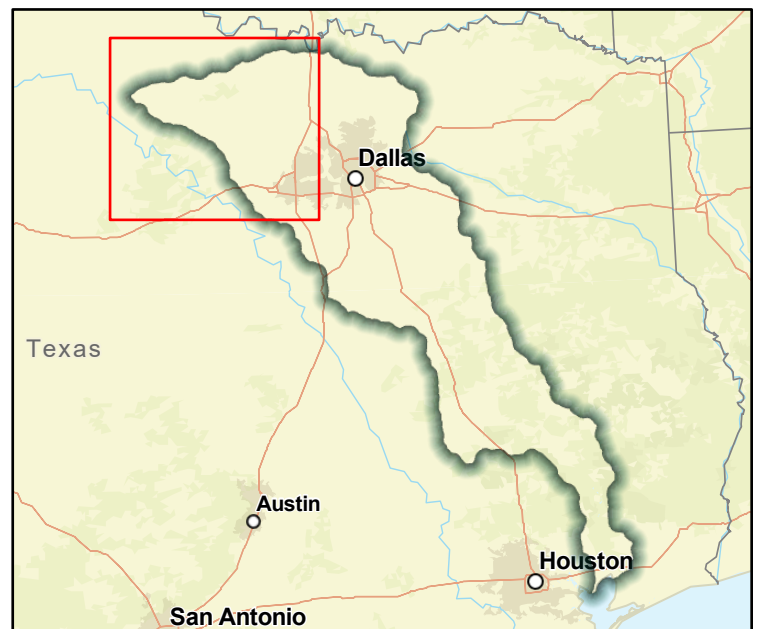
Amount of Available Funding -

Federal funding availability -

Funding source -



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? -

Emergency Need? No

Existing/Anticipated models in near term? -

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 2

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 -

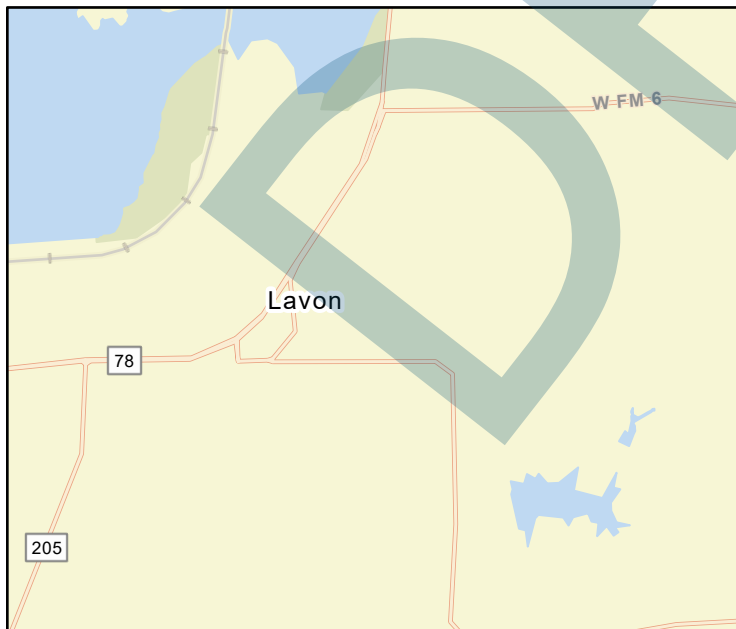
Estimated Cost and Funding Availability

Total Cost \$250,000

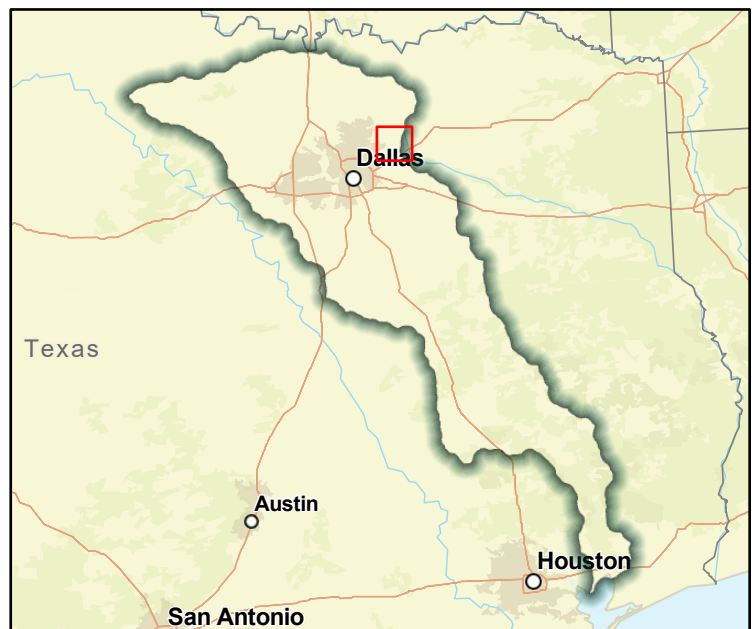
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area