

Flood Management Evaluation (FME)



Title **Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson**

ID# **031000410**

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 **Project Planning**

Study description **Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at N Jefferson**

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

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

Drainage area (Square miles, est.) **3** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **2,137** # of structures **25** Critical facilities **0**

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

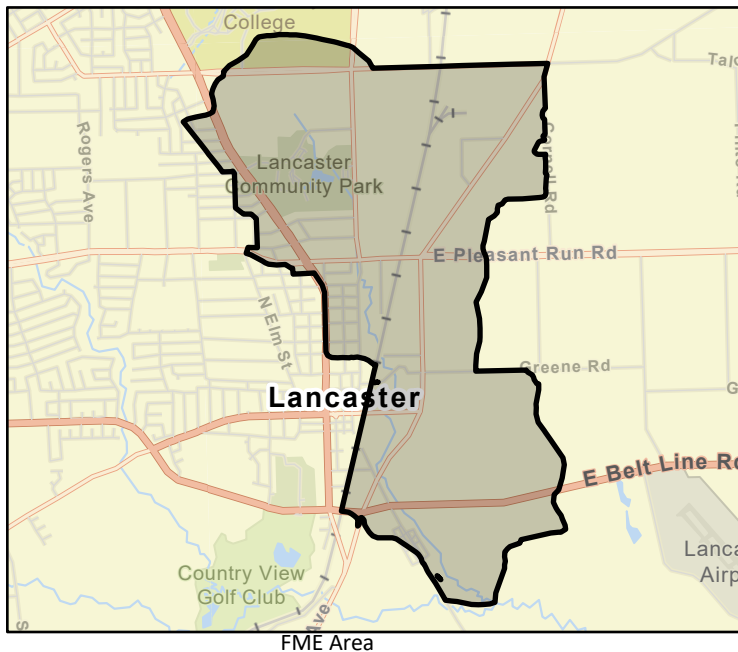
Farm/Ranch land impacted (acres) **55** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$20,000** Amount of Available Funding **2,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Dallas County Inland Port Drainage Improvements - Keller Branch Creek - 2nd St.**

ID# **031000411**

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 **Project Planning**

Study description **Study to alleviate overtopping during the 100-yr storm event via implementation of a new culvert at 2nd St**

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

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

Drainage area (Square miles, est.) **3** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **2,137** # of structures **25** Critical facilities **0**

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

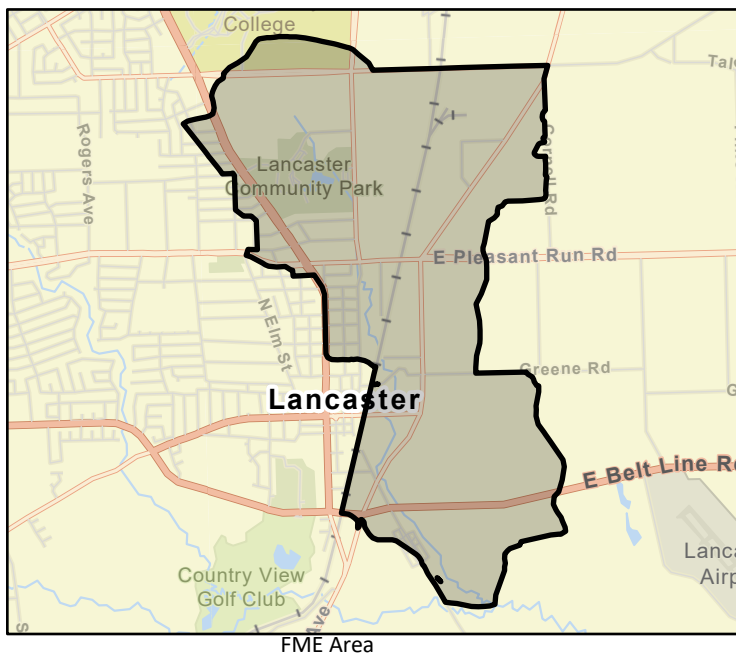
Farm/Ranch land impacted (acres) **55** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$20,000** Amount of Available Funding **2,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road**

ID# **031000412**

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 **Project Planning**

Study description **Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Tracy Road**

New Hydrologic or Hydraulic model? **No**

Emergency Need? **No**

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

County **Dallas**

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

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

Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **7**

of structures **9**

Critical facilities **0**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **9**

Roadway(s) impacted (length) **1**

Number of low water crossings **2**

Historical road closures **-**

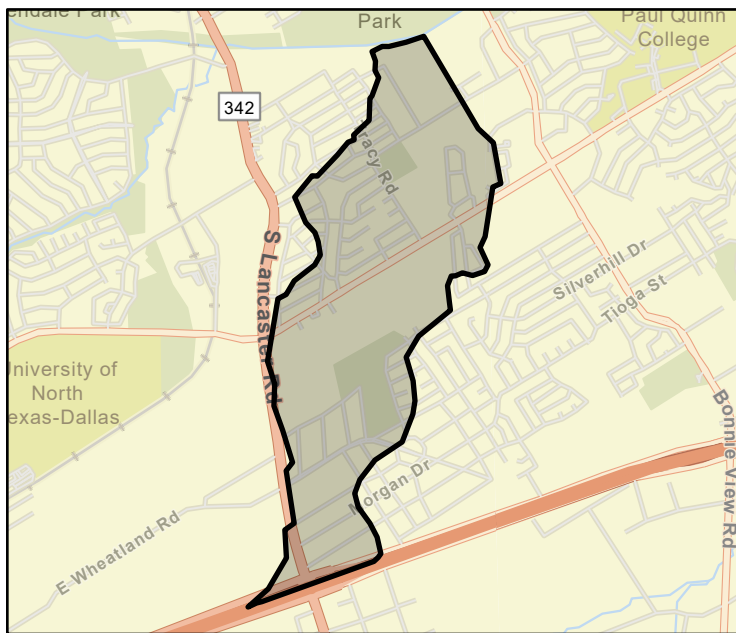
Estimated Cost and Funding Availability

Total Cost **\$20,000**

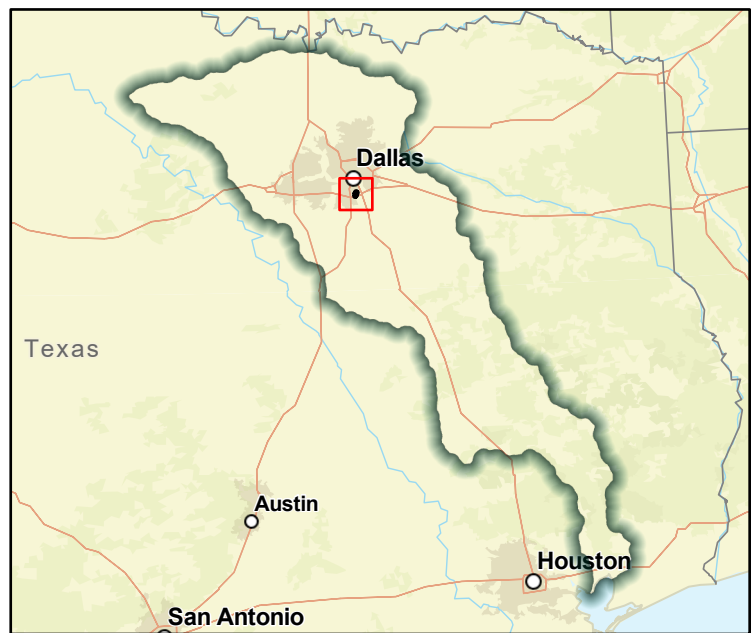
Amount of Available Funding **2,000**

Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Dallas County Inland Port Drainage Improvements -Alta Mesa Branch - Simpson St.**

ID# **031000413**

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 **Project Planning**

Study description **Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Simpson Street**

New Hydrologic or Hydraulic model? **No**

Emergency Need? **No**

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

County **Dallas**

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

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

Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **7**

of structures **9**

Critical facilities **0**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **9**

Roadway(s) impacted (length) **1**

Number of low water crossings **2**

Historical road closures **-**

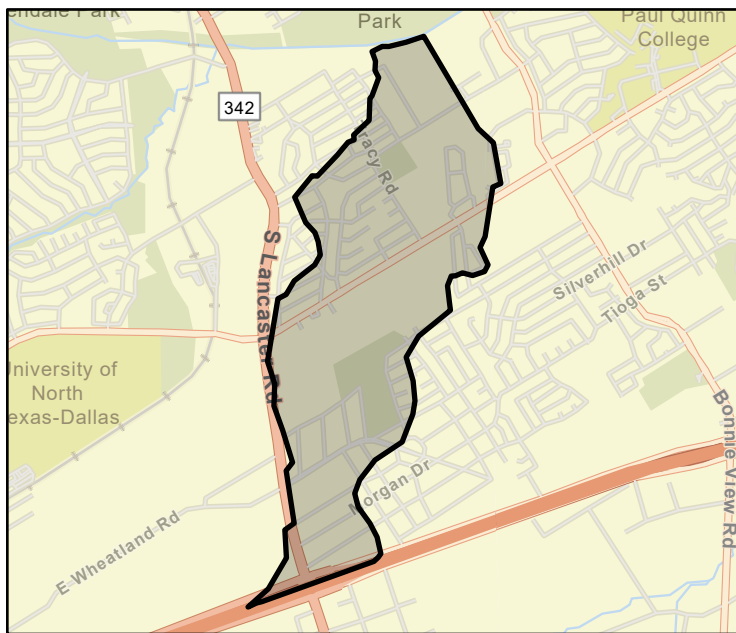
Estimated Cost and Funding Availability

Total Cost **\$20,000**

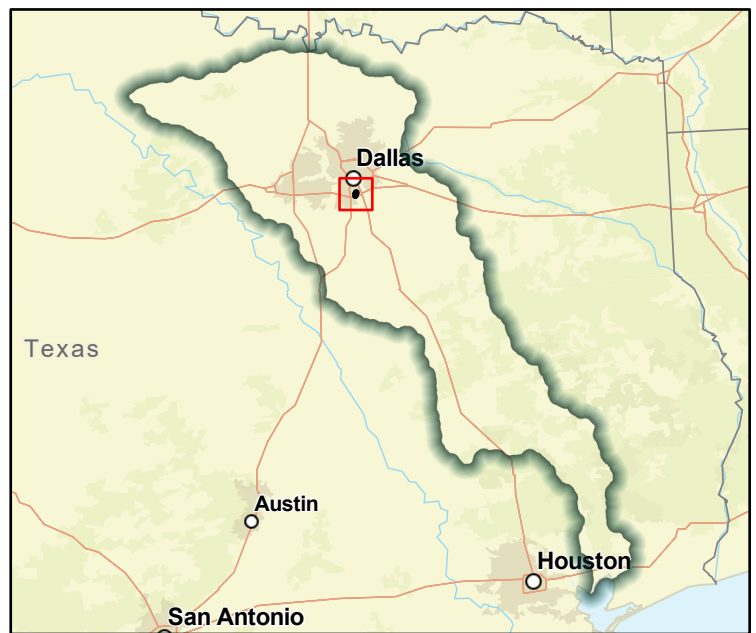
Amount of Available Funding **2,000**

Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Pecan Acres Floodway Lot Acquisitions
 ID# 031000414
 Sponsor (name of entity, not person) Flower Mound
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

Study Details

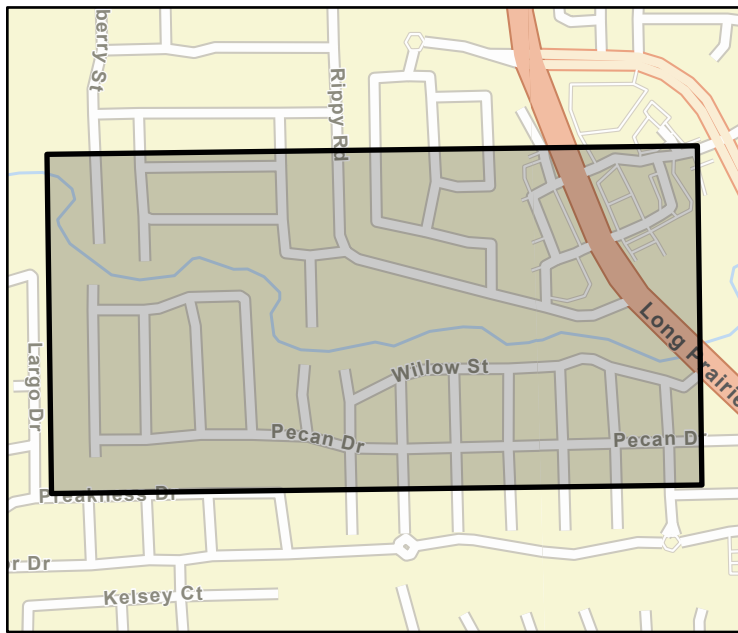
Study type Project Planning
 Study description Study for property acquisition of lots completely contained within FEMA floodway of Timber Creek within the Pecan Acres Subdivision.
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No
 County Denton Watershed HUC# (if known) 120301031002
 Drainage area (Square miles, est.) 0 Goal(s) 03000013, 03000014, 03000021, 03000022

100-Year Flood Risk Summary

Population at risk 65 # of structures 22 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1
 Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

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



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **East Waketon Road Drainage Improvement**

ID# **031000415**

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

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

Study Details

Study type **Project Planning**

Study description **Study for the installation of a drainage channel between FM2499 culverts and Waketon Road culverts in combination with berm construction along the north side of Waketon Road.**

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

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

Drainage area (Square miles, est.) **0** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

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

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

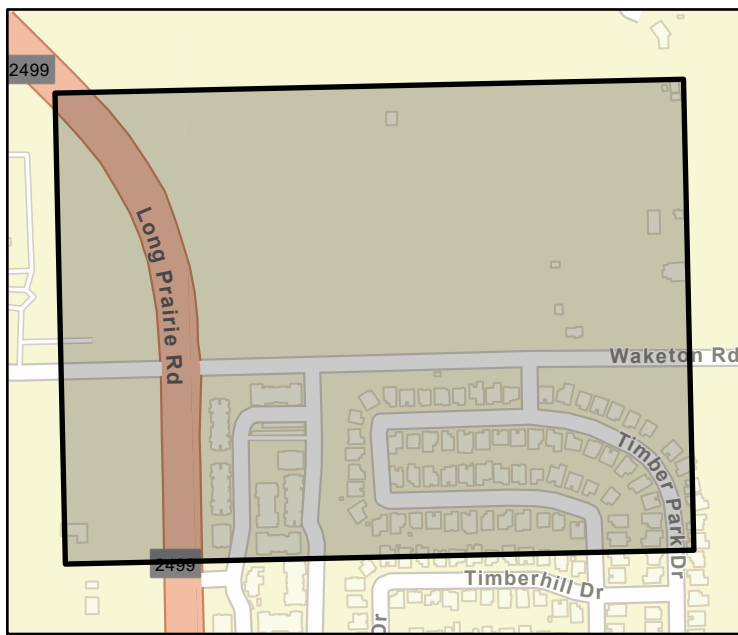
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Garden Ridge Boulevard Bridge Erosion Stabilization**

ID# **031000416**

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

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

Study Details

Study type **Project Planning**

Study description **Study for the implementation of modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Garden Ridge Boulevard bridge.**

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

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

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

100-Year Flood Risk Summary

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

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

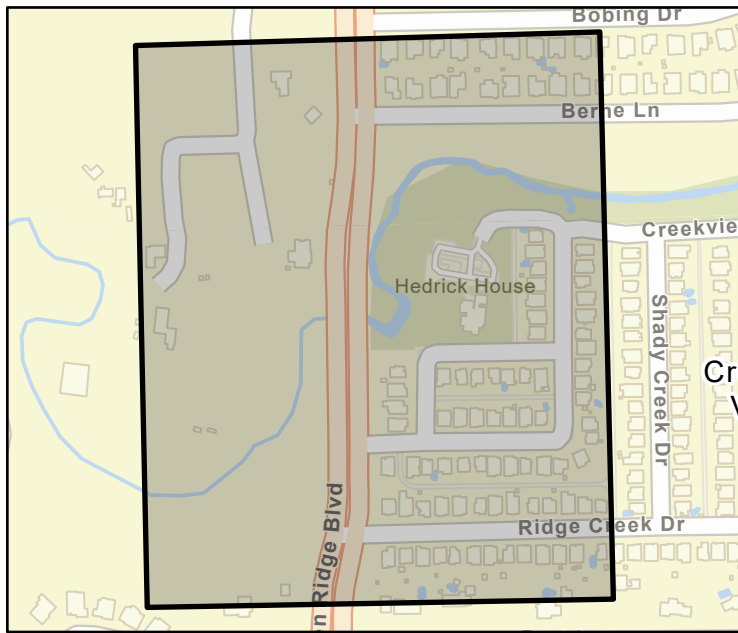
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Jernigan Road Drop Inlet and Bar Ditch Improvements**

ID# **031000417**

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

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

Study Details

Study type **Project Planning**

Study description **Study for the installation of drop inlet structure and bar ditch grading located on Jernigan Road.**

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

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

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

100-Year Flood Risk Summary

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

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

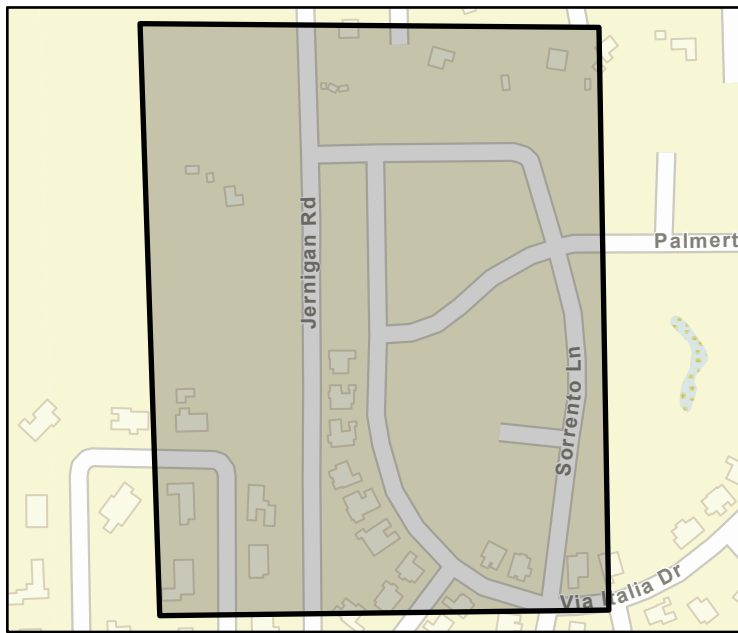
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Pecan Acres Drainage Improvements

ID# 031000418

Sponsor (name of entity, not person) Flower Mound

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

Study Details

Study type Project Planning

Study description Study for the removal and replacement of existing driveway approaches and culverts to allow for the regrading of roadway bar ditches for positive flow within the ROW of the Pecan Acres subdivision.

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

County Denton Watershed HUC# (if known) 120301031002

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

100-Year Flood Risk Summary

Population at risk 111 # of structures 39 Critical facilities 0

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

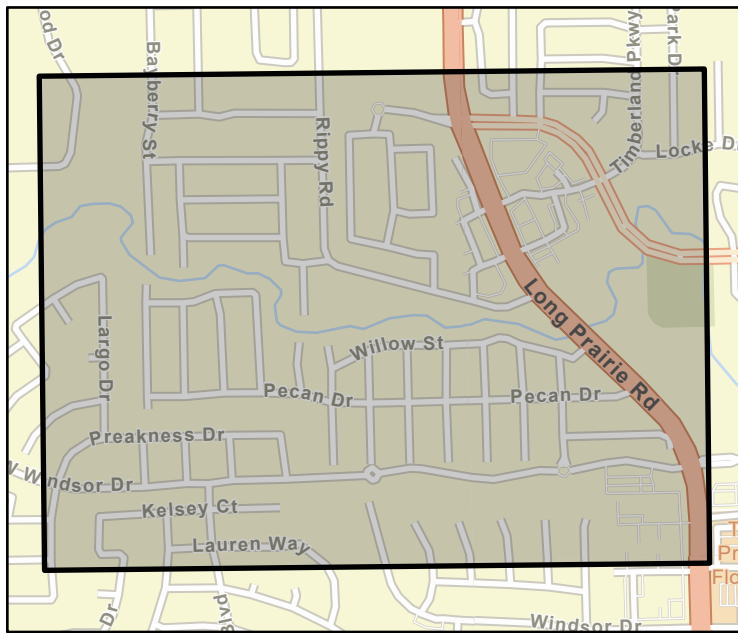
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

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

Funding source Local, State



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements

ID# 031000419

Sponsor (name of entity, not person) Flower Mound

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

Study Details

Study type Project Planning

Study description Study for the installation of a mixture of box culverts, storm piping and bar ditch grading along King Road, Lusk Lane and Range Wood Drive.

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

County Denton Watershed HUC# (if known) 120301031002

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

100-Year Flood Risk Summary

Population at risk 7 # of structures 2 Critical facilities 0

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

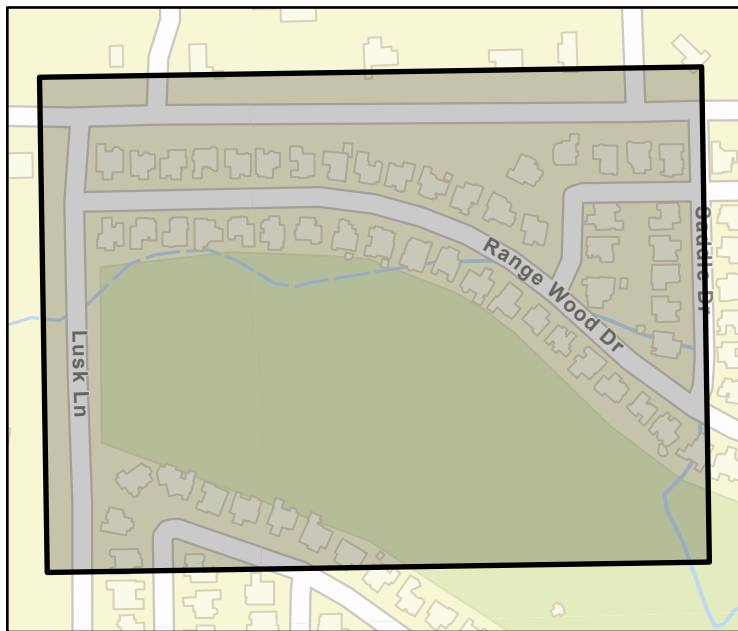
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

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

Funding source Local, State



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Royal Oaks Curb Inlet Improvements**

ID# **031000420**

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

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

Study Details

Study type **Project Planning**

Study description **Study for modifications to inlet structures within the Royal Oaks subdivision to reduce bypass flow that reaches Dexter Court.**

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

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

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

100-Year Flood Risk Summary

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

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

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

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Stream Bank Stabilization – Various Locations Town Wide**

ID# **031000421**

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

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

Study Details

Study type **Project Planning**

Study description **Study for the installation of erosion stabilization along stream banks in various locations in Flower Mound.**

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

County **Tarrant,Dallas,Denton** Watershed HUC# (if known) **120301020703,120301030902,120301030905,120301030906,120301031**

Drainage area (Square miles, est.) **242** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **13,218** # of structures **1,485** Critical facilities **0**

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

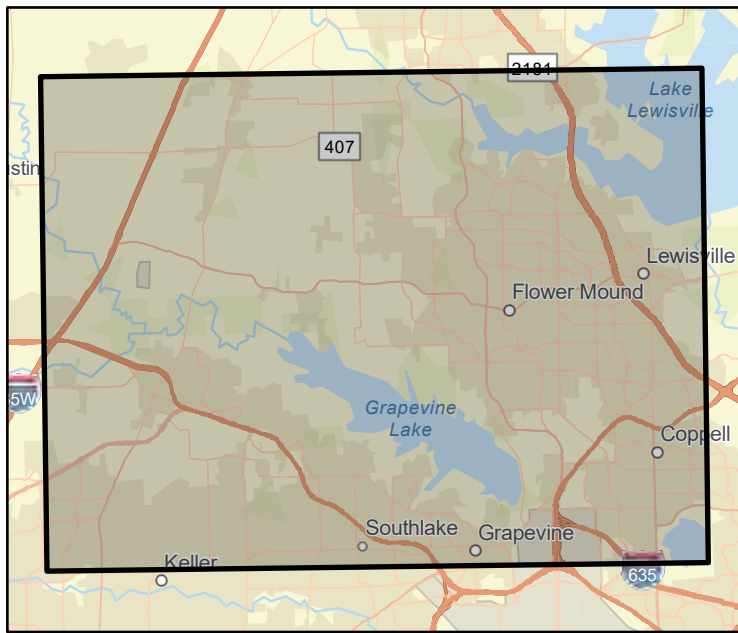
Farm/Ranch land impacted (acres) **4,911** Roadway(s) impacted (length) **101**

Number of low water crossings **37** Historical road closures **-**

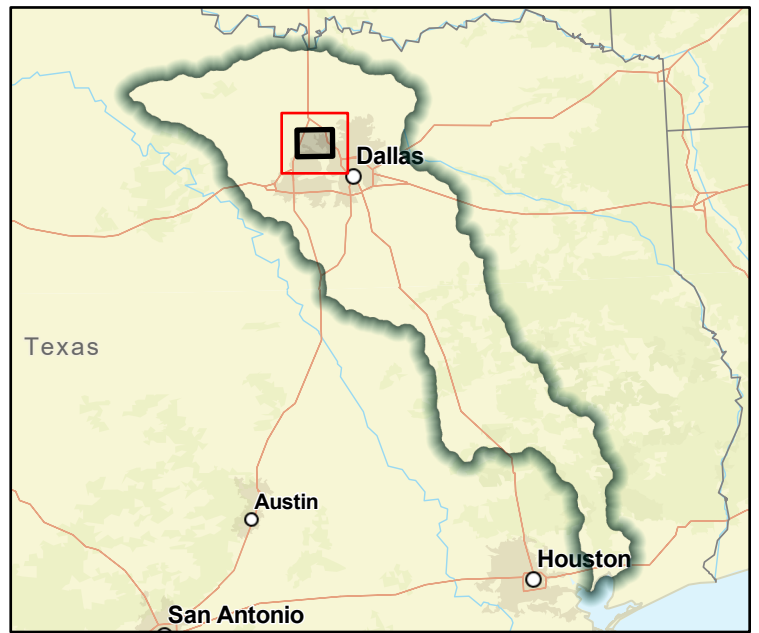
Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Sunset Trail Drop Inlet and Outfall Improvement**

ID# **031000422**

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

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

Study Details

Study type **Project Planning**

Study description **Study for modifications to existing drop inlet structure and outlet piping located on Sharps Branch Tributary 1 to adequately convey upstream flows.**

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

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

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

100-Year Flood Risk Summary

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

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

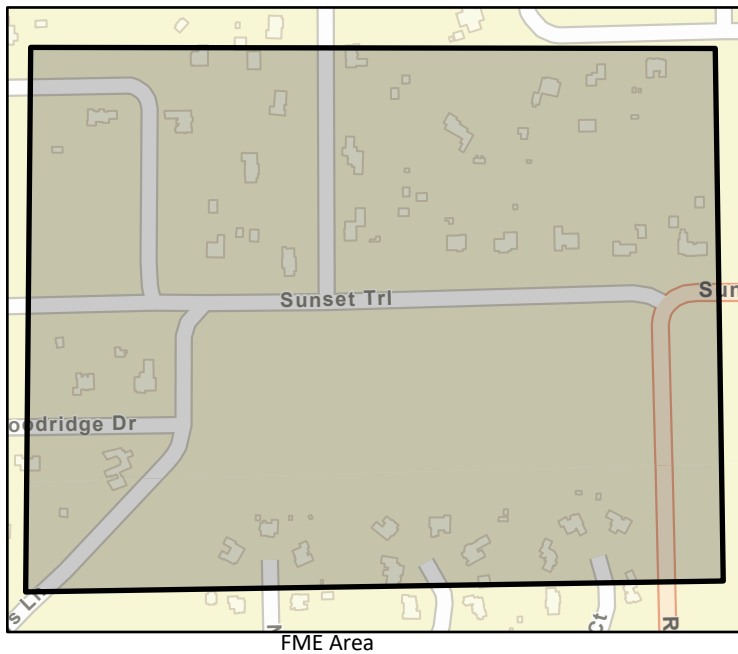
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Timber Creek Road Bridges Erosion Stabilization**

ID# **031000423**

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

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

Study Details

Study type **Project Planning**

Study description **Study for modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Timber Creek Road bridges.**

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

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

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

100-Year Flood Risk Summary

Population at risk **118** # of structures **30** Critical facilities **0**

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

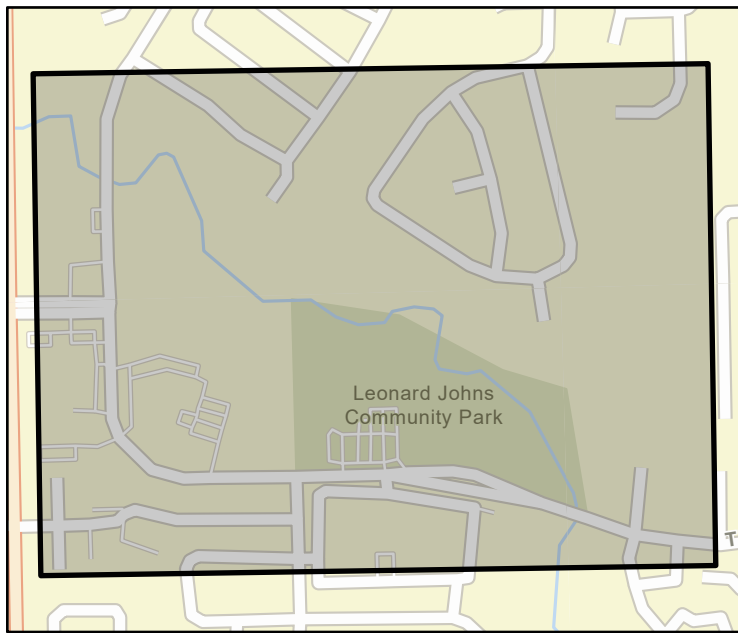
Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements**

ID# **031000424**

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

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

Study Details

Study type **Project Planning**

Study description **Feasibility Study of stream RC1 and RC1A to mitigate reported upstream flooding.**

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

County **Tarrant** Watershed HUC# (if known) **120301020405,120301020702**

Drainage area (Square miles, est.) **3** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **18,691** # of structures **4,630** Critical facilities **360**

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

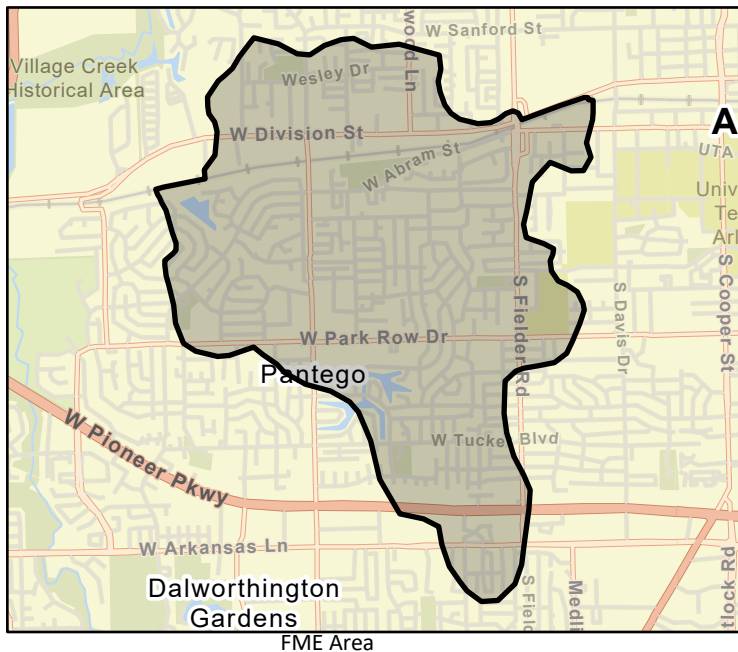
Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (length) **197**

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

Estimated Cost and Funding Availability

Total Cost **\$600,000** Amount of Available Funding **60,000** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Joes Creek - West Fork Channel and Culvert Improvements**

ID# **031000425**

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

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

Study Details

Study type **Watershed Planning**

Study description **Floodplain study of Joes Creek for the purpose of evaluating flood hazards and establishing floodplain management criteria.**

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

County **Dallas** Watershed HUC# (if known) **120301031007,120301031005**

Drainage area (Square miles, est.) **5** Goal(s) **03000005, 03000006, 03000009, 03000010**

100-Year Flood Risk Summary

Population at risk **35,913** # of structures **5,421** Critical facilities **373**

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

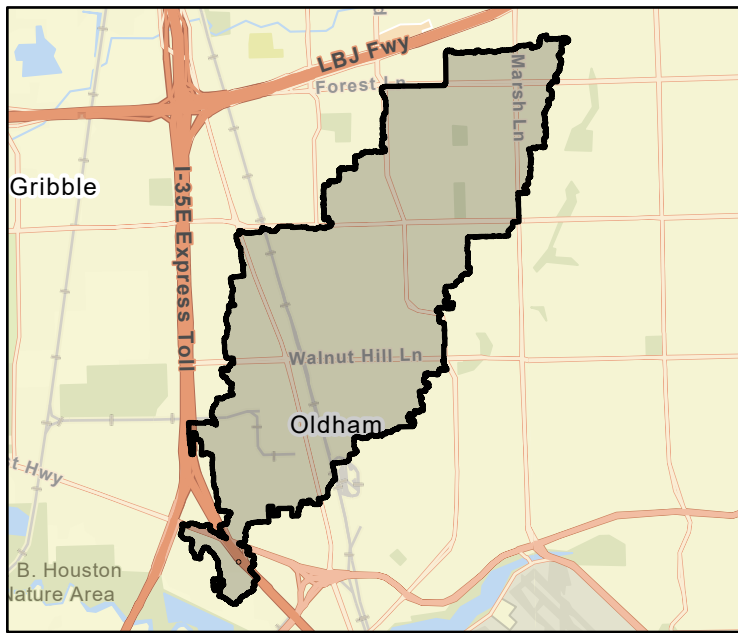
Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (length) **257**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Woody Branch Floodplain Management Study**

ID# **031000426**

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

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

Study Details

Study type **Watershed Planning**

Study description **Proposed minor channel rectification to alleviate the flooding of five (5) houses on Woody Branch, a tributary in Fivemile Creek.**

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

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

Drainage area (Square miles, est.) **10** Goal(s) **03000013, 03000014, 03000027, 03000028**

100-Year Flood Risk Summary

Population at risk **42,464** # of structures **9,512** Critical facilities **716**

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

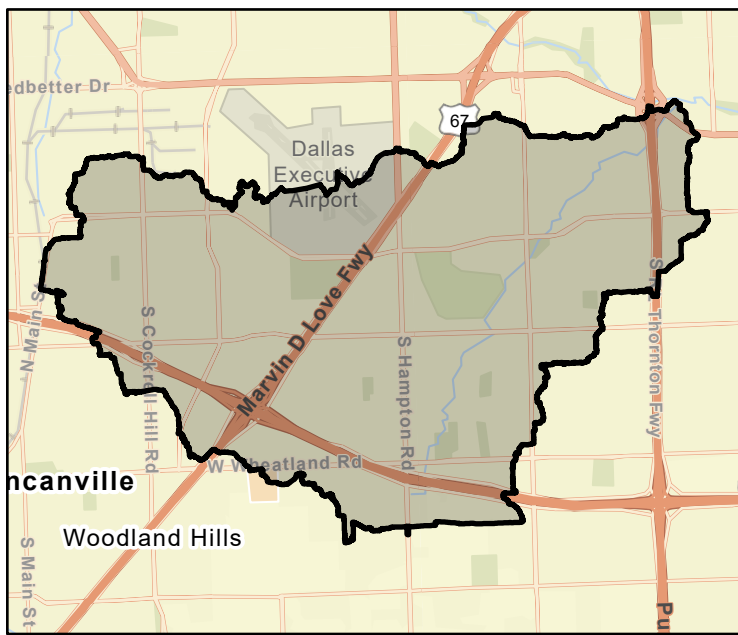
Farm/Ranch land impacted (acres) **350** Roadway(s) impacted (length) **548**

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

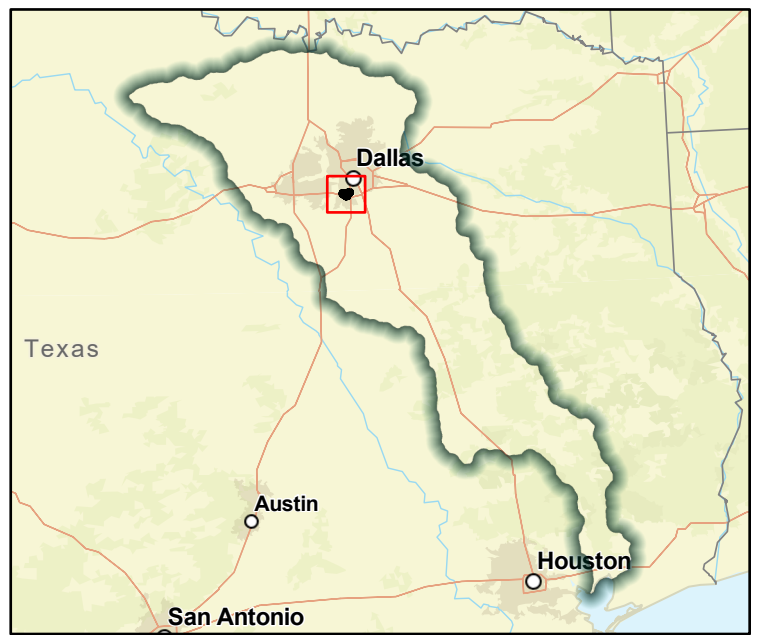
Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Ledbetter Branch Detention Basin**

ID# **031000427**

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

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

Study Details

Study type **Watershed Planning**

Study description **Proposed flood control berm to reclaim six (6) houses on Ledbetter Branch, a tributary in Fivemile Creek.**

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

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301050107**

Drainage area (Square miles, est.) **2** Goal(s) **03000013, 03000014**

100-Year Flood Risk Summary

Population at risk **8,170** # of structures **1,771** Critical facilities **172**

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

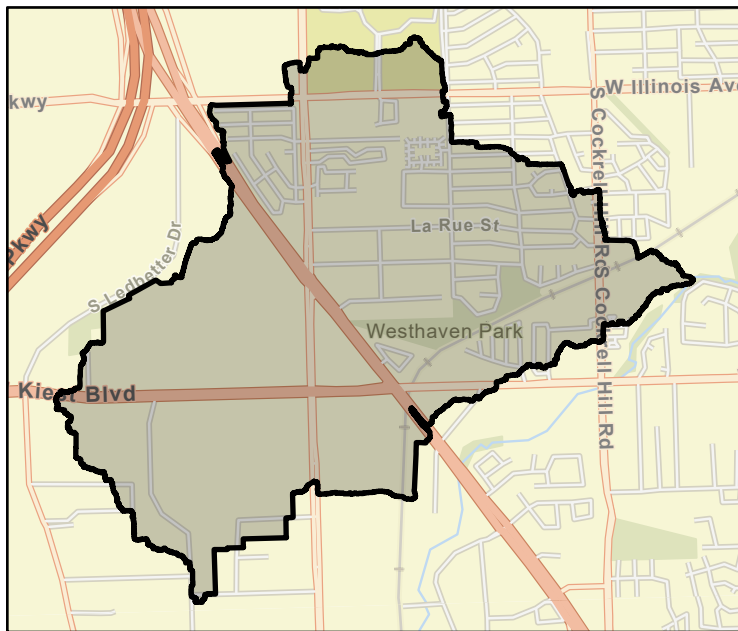
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **118**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Lower Five Mile Creek Management Plan**

ID# **031000428**

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

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

Study Details

Study type **Watershed Planning**

Study description **Proposed ecosystem restoration and economic redevelopment with 41- acres to be reclaimed and the conversion of a pond to a wetland on Lower Five Mile Creek. Anticipated const. cost = \$30,973,737**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050203,120301050202,120301050108**

Drainage area (Square miles, est.) **19** Goal(s) **03000027, 03000028, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **27,597** # of structures **8,301** Critical facilities **926**

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

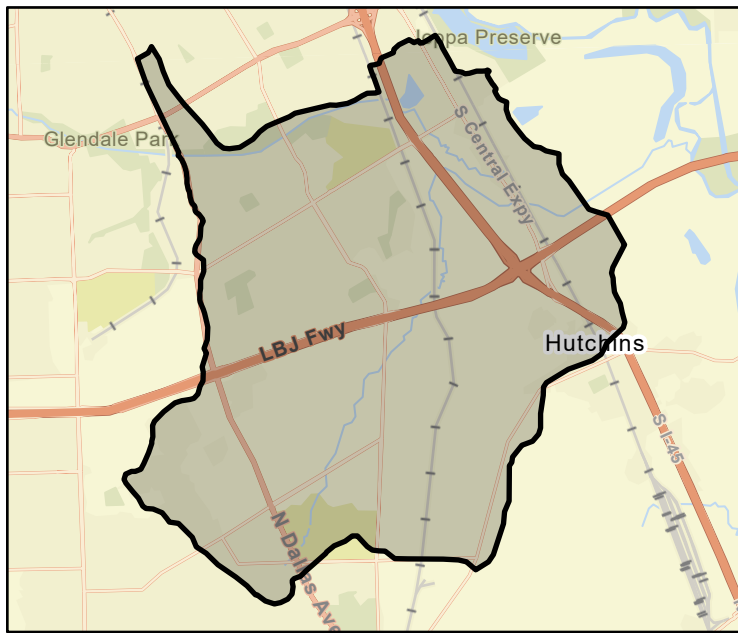
Farm/Ranch land impacted (acres) **2,980** Roadway(s) impacted (length) **571**

Number of low water crossings **8** Historical road closures **-**

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Coombs Creek Bridge @ Plymouth**

ID# **031000429**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed bridge installment and to raise Plymouth Road for flood protection. Anticipated const. cost = \$6,400,000**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

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

100-Year Flood Risk Summary

Population at risk **22,845** # of structures **5,757** Critical facilities **254**

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

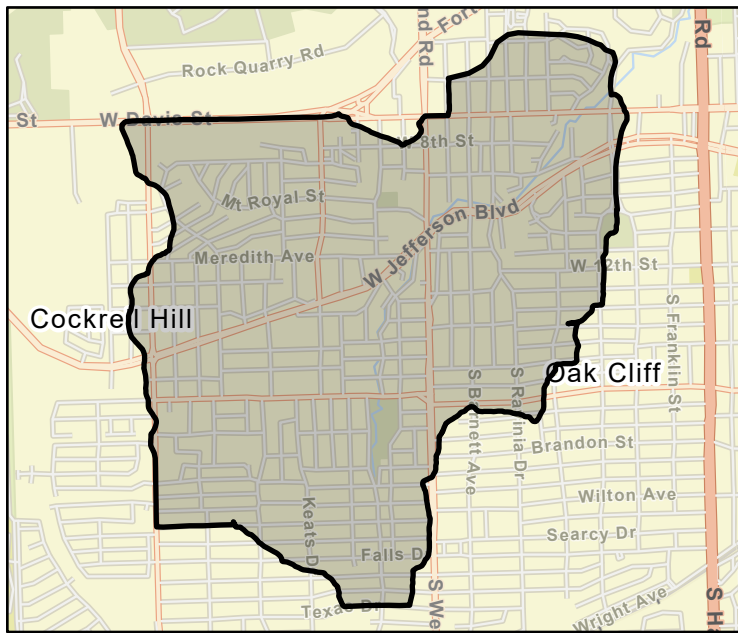
Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **210**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Coombs Creek Bridge @ Ivandell**

ID# **031000430**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed bridge installment along Ivandell for flood protection.**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

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

100-Year Flood Risk Summary

Population at risk **5,497** # of structures **1,365** Critical facilities **61**

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

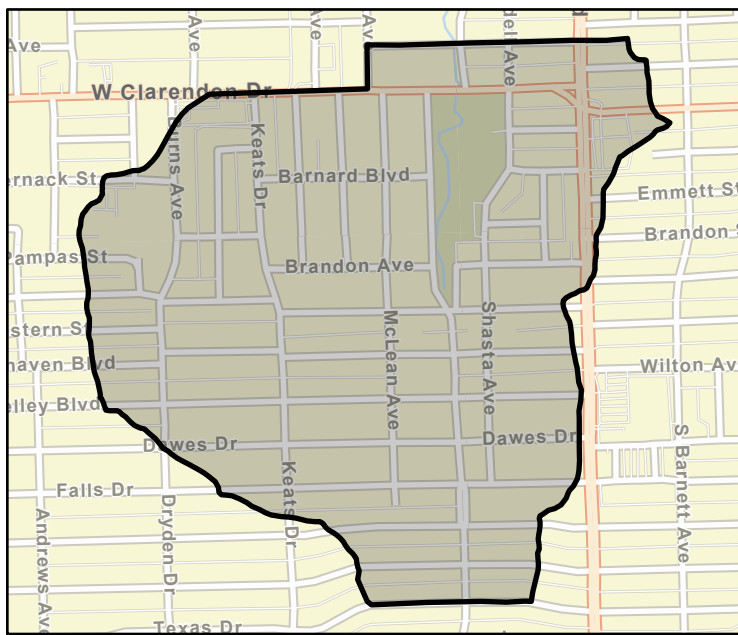
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **67**

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

Estimated Cost and Funding Availability

Total Cost **\$215,000** Amount of Available Funding **21,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Coombs Creek Bridge @ Burlingdell**

ID# **031000431**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed bridge installment along Burlingdell for flood protection.**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

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

100-Year Flood Risk Summary

Population at risk **5,794** # of structures **1,449** Critical facilities **63**

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

Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **70**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Coombs Creek Bridge @ Gibsondell**

ID# **031000432**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed bridge installment along Gibsondell for flood protection.**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

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

100-Year Flood Risk Summary

Population at risk **6,140** # of structures **1,540** Critical facilities **68**

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

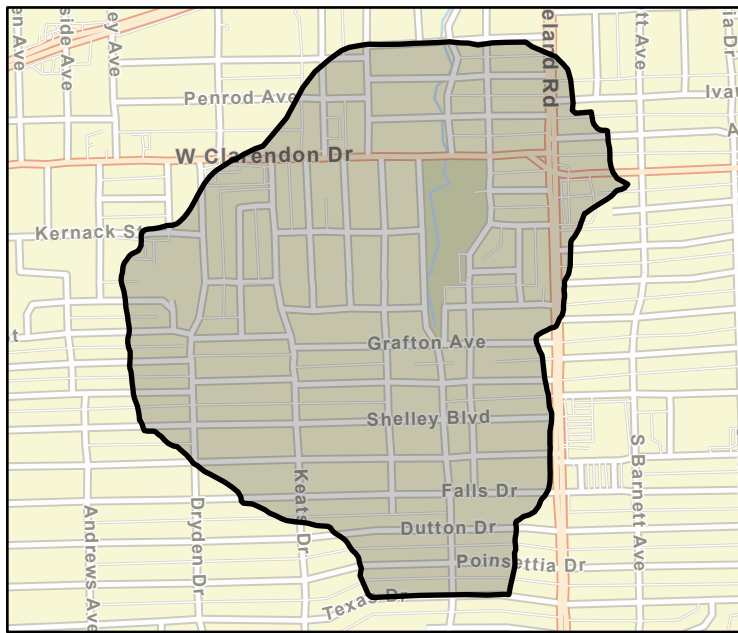
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **72**

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

Estimated Cost and Funding Availability

Total Cost **\$155,000** Amount of Available Funding **15,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Coombs Creek Bridge @ Brooklyndell**

ID# **031000433**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed bridge installment along Brooklyndell for flood protection.**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

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

100-Year Flood Risk Summary

Population at risk **6,140** # of structures **1,540** Critical facilities **68**

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

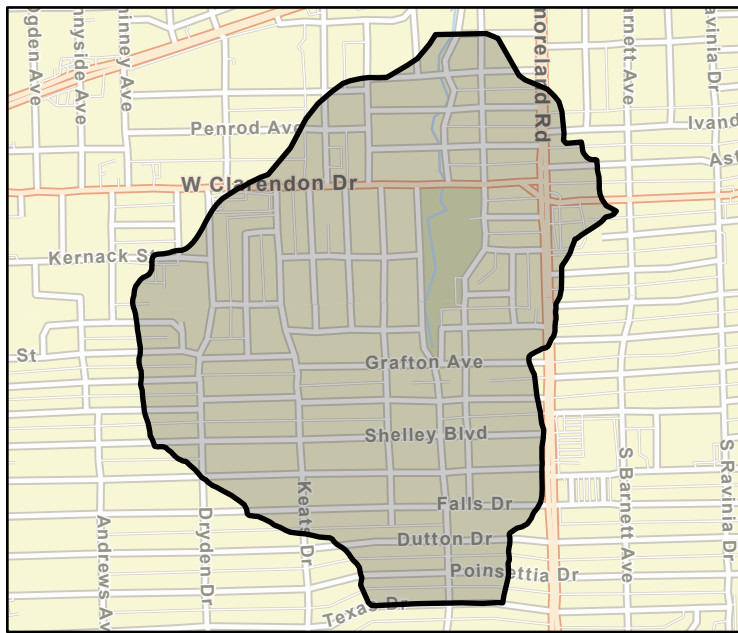
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **72**

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

Estimated Cost and Funding Availability

Total Cost **\$260,000** Amount of Available Funding **26,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Coombs Creek Bridge @ Colorado**

ID# **031000434**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed bridge installment and to raise Colorado Road for flood protection. Anticipated const. cost = \$1,439,000**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **34,378** # of structures **7,688** Critical facilities **347**

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

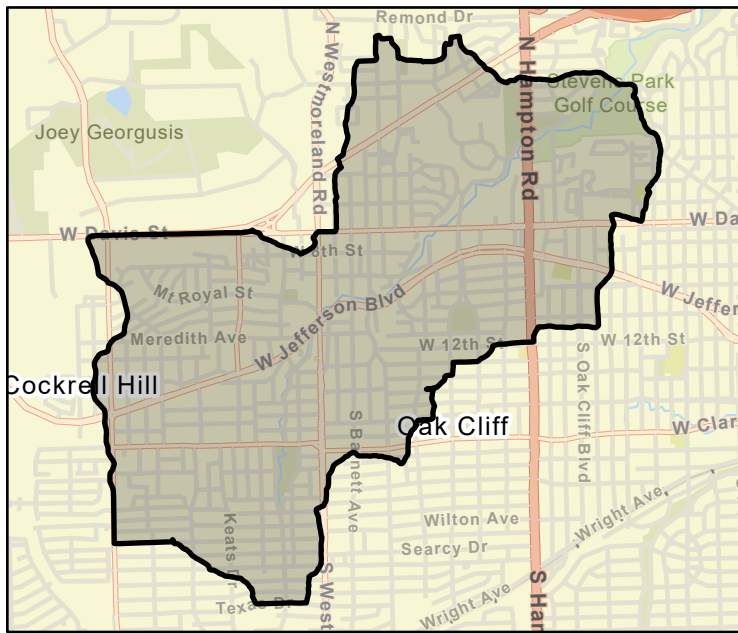
Farm/Ranch land impacted (acres) **9** Roadway(s) impacted (length) **280**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Coombs Creek Bridge @ Barnett**

ID# **031000435**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed bridge installment along Barnett for flood protection.**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

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

100-Year Flood Risk Summary

Population at risk **16,670** # of structures **4,059** Critical facilities **196**

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

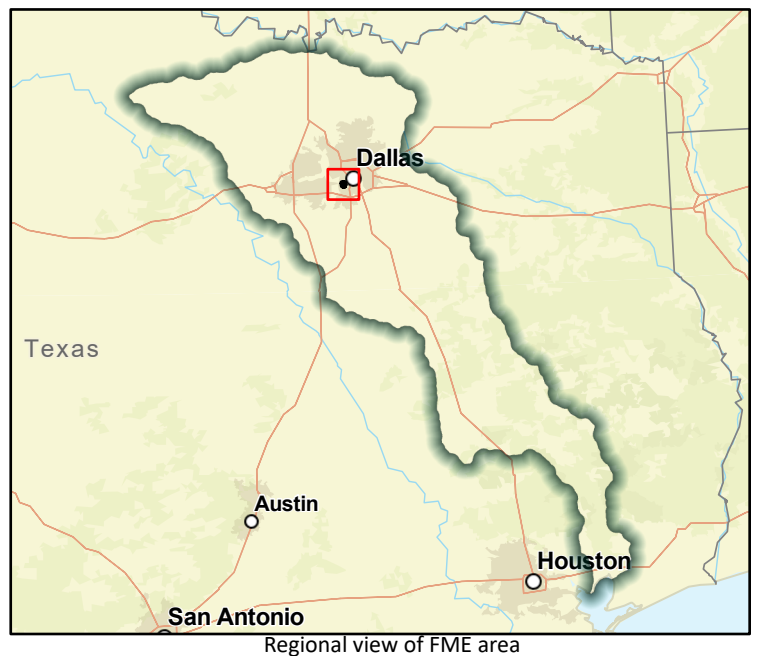
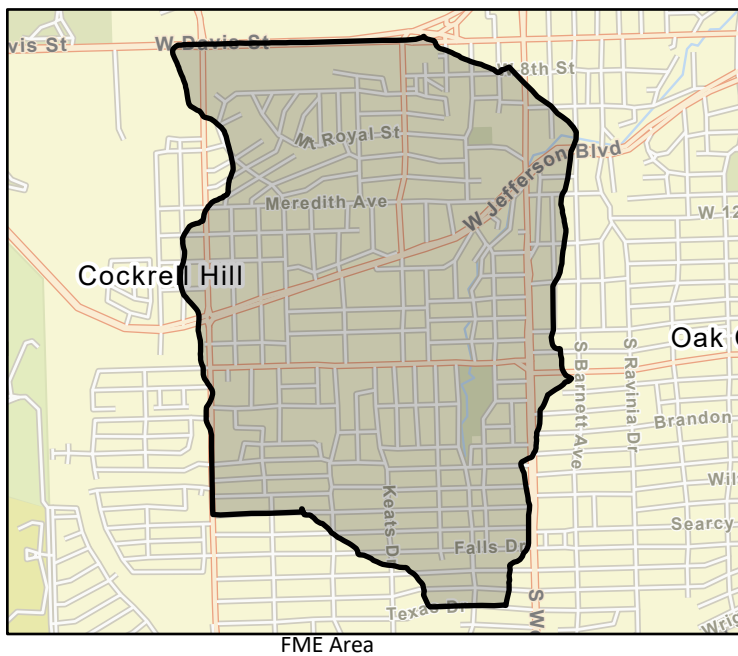
Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **159**

Number of low water crossings **4** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$280,000** Amount of Available Funding **28,000** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Coombs Creek Culvert @ Hampton**

ID# **031000436**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed storm drainage improvements by adding two (2) culverts along Hampton Road.**

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

County **Dallas** Watershed HUC# (if known) **120301050107,120301050102**

Drainage area (Square miles, est.) **3** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **29,619** # of structures **6,479** Critical facilities **300**

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

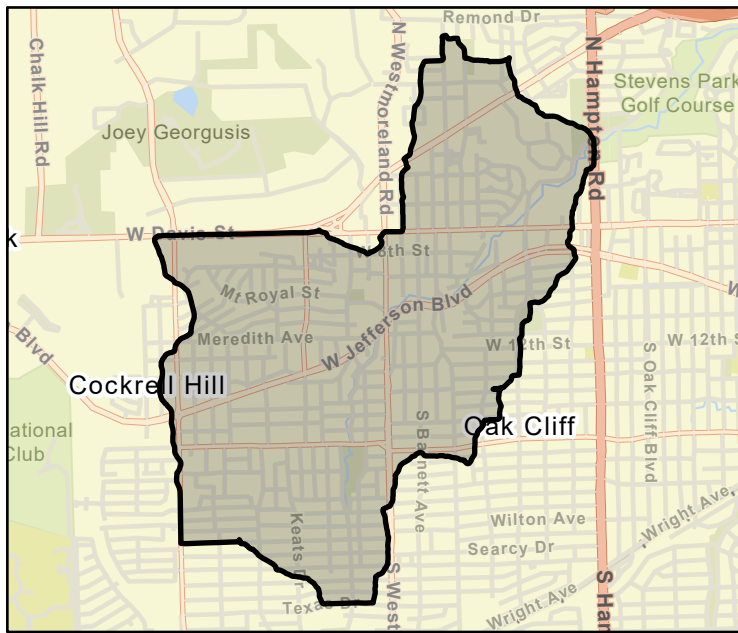
Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **225**

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

Estimated Cost and Funding Availability

Total Cost **\$465,000** Amount of Available Funding **46,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Knights Branch Upper Relief System Study**

ID# **031000437**

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

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

Study Details

Study type **Project Planning**

Study description **Study, Model, & Prelim.Design: Update capital drainage recommendations & cost estimate for the Knights Branch Upper Relief System projects.**

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

County **Dallas** Watershed HUC# (if known) **120301031007,120301050101**

Drainage area (Square miles, est.) **3** Goal(s) **03000007, 03000008, 03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **19,219** # of structures **6,037** Critical facilities **250**

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

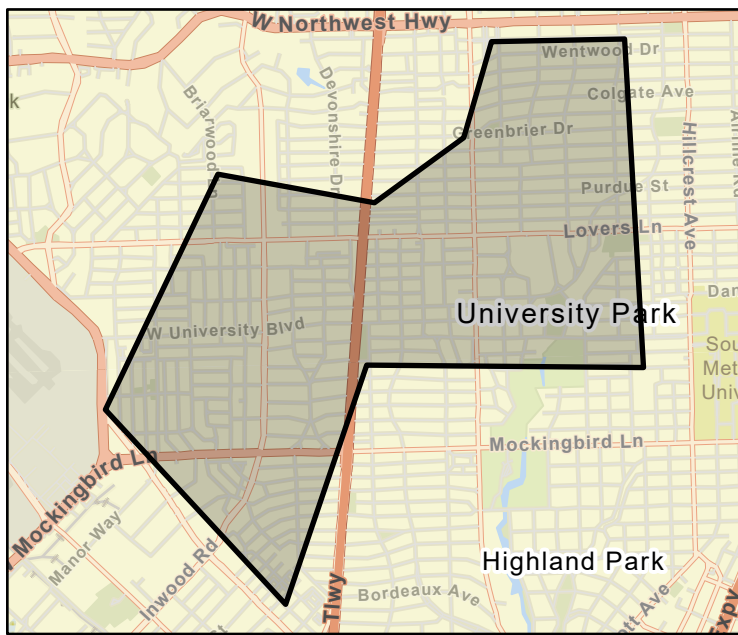
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **226**

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

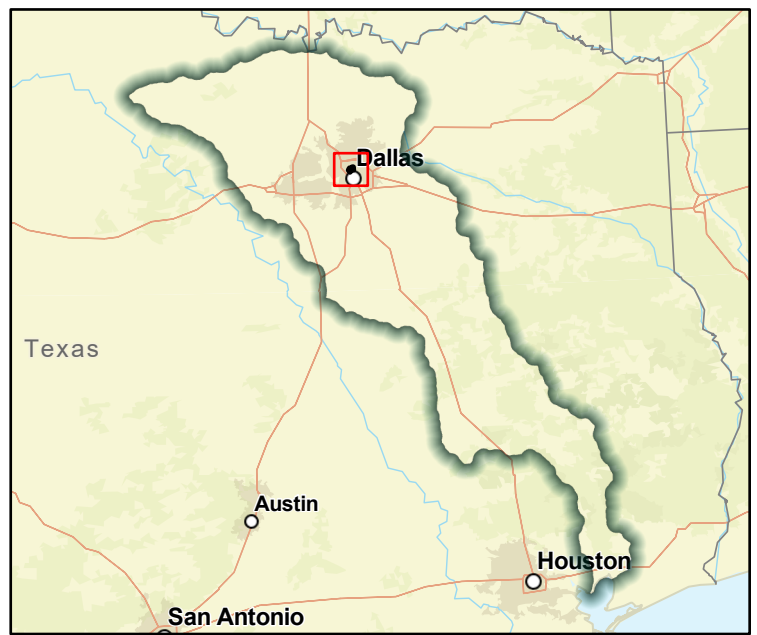
Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Knights Branch Upper Relief System Phase 2**

ID# **031000438**

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

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

Study Details

Study type **Project Planning**

Study description **Continuation of the Knights Branch Upper Relief System Project. Improve neighborhoods served by the Knights Branch Upper Relief System. Includes Preston Park neighborhood (Bryn Mawr).**

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

County **Dallas** Watershed HUC# (if known) **120301031007,120301050101**

Drainage area (Square miles, est.) **3** Goal(s) **03000007, 03000008, 03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **19,219** # of structures **6,037** Critical facilities **250**

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

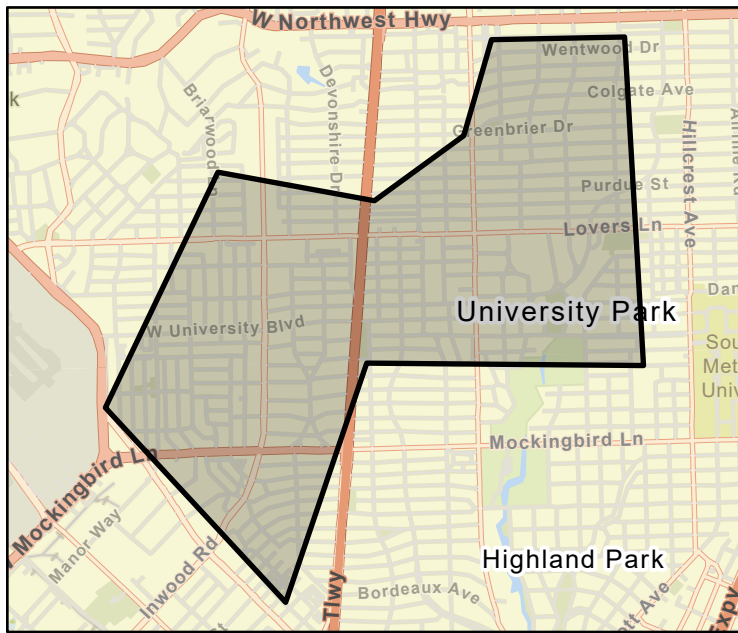
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **226**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Knights Branch @ Denton Dr.**

ID# **031000439**

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

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

Study Details

Study type **Project Planning**

Study description **Analysis and design for crossing to determine necessary culvert size for crossing to maximize level of service and raise road if necessary**

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

County **Dallas** Watershed HUC# (if known) **120301050101**

Drainage area (Square miles, est.) **0** Goal(s) **03000007, 03000008, 03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **25** # of structures **1** Critical facilities **5**

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

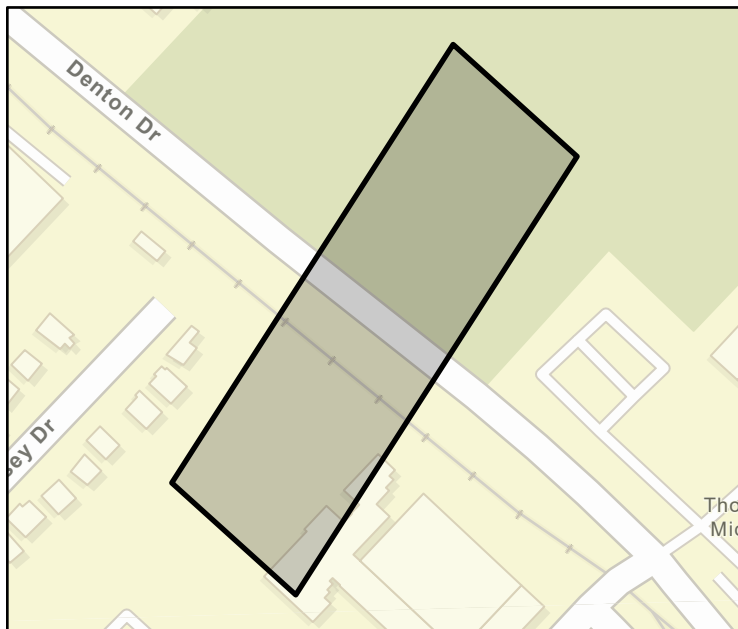
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **12**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area