

Flood Management Evaluation (FME)



Title **Ten Mile Creek at Ferris Road**

ID# **031000348**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate bridge improvements for Ferris Road over Ten Mile Creek**

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

County **Dallas** Watershed HUC# (if known) **120301050306,120301050202,120301050305,120301050203**

Drainage area (Square miles, est.) **17** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **41** # of structures **28** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **1,892** Roadway(s) impacted (length) **4**

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

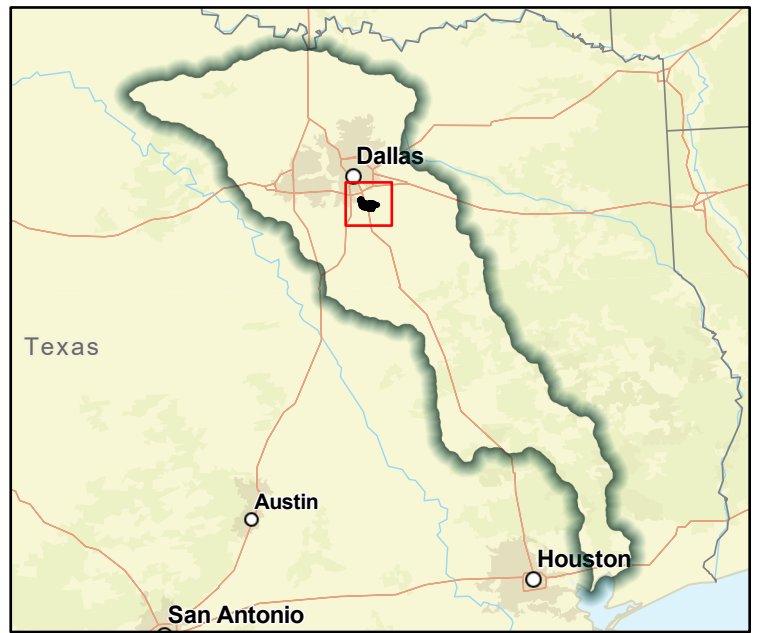
Estimated Cost and Funding Availability

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 4A4 at Fulghum Road**

ID# **031000349**

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 **Evaluate bridge improvements for Fulghum Road over Stream 4A4**

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

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

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

100-Year Flood Risk Summary

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

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

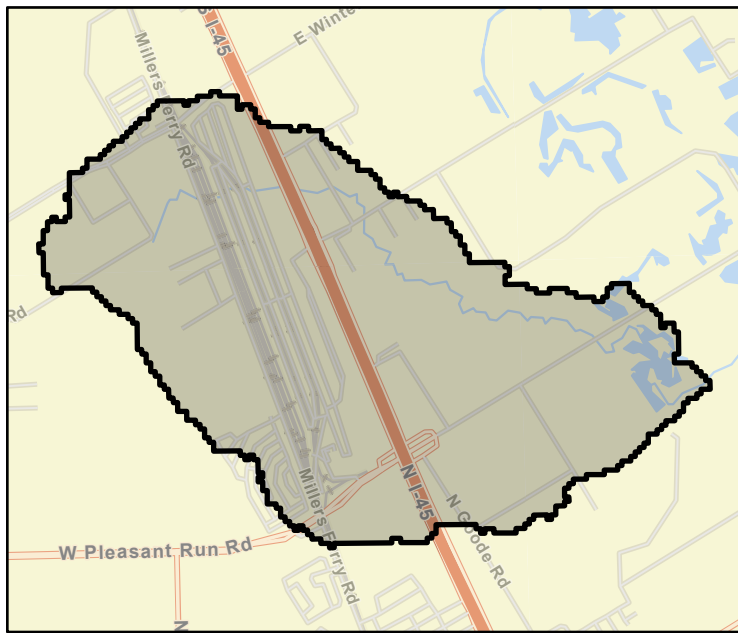
Farm/Ranch land impacted (acres) **57** Roadway(s) impacted (length) **1**

Number of low water crossings **7** Historical road closures **-**

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Stream 4A1 at Geller Road**

ID# **031000350**

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 **Evaluate bridge improvements for Geller Road over Stream 4A1**

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

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

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

100-Year Flood Risk Summary

Population at risk **90** # of structures **29** Critical facilities **0**

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

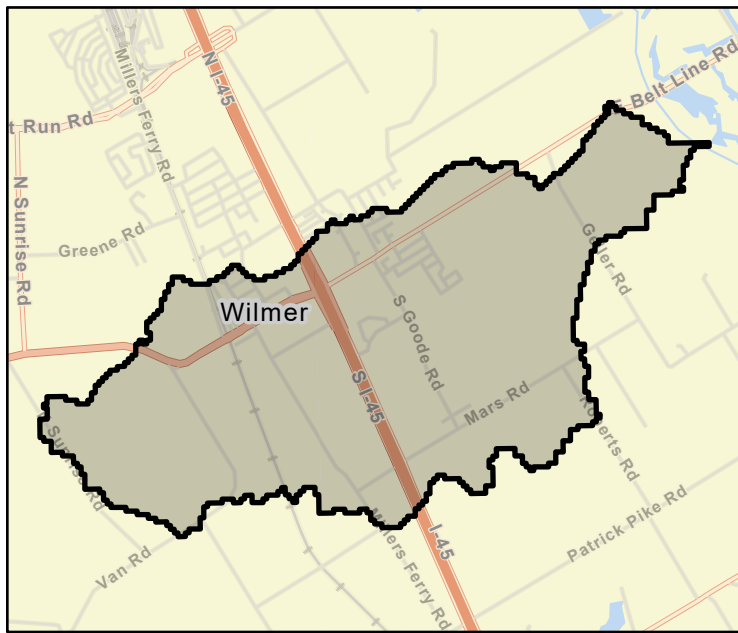
Farm/Ranch land impacted (acres) **138** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Ten Mile Creek at Parkinson Road**

ID# **031000351**

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 **Evaluate bridge improvements for Parkinson Road over Ten Mile Creek. Est const cost = \$1,033,000**

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

County **Dallas** Watershed HUC# (if known) **120301050306,120301050202,120301050305,120301050203**

Drainage area (Square miles, est.) **17** Goal(s) **03000007, 03000008, 03000009, 03000010, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **41** # of structures **28** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **1,892** Roadway(s) impacted (length) **4**

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

Estimated Cost and Funding Availability

Total Cost **\$150,000** Amount of Available Funding **103,200** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of Hutchins DMP**

ID# **031000352**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate city and identify future projects.**

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

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

Drainage area (Square miles, est.) **9** Goal(s) **03000007, 03000008, 03000009, 03000010**

100-Year Flood Risk Summary

Population at risk **369** # of structures **45** Critical facilities **1**

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

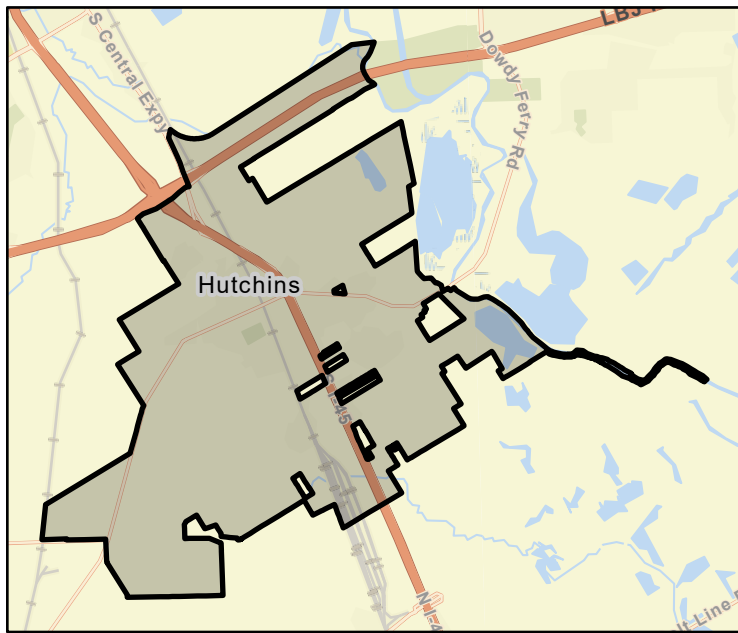
Farm/Ranch land impacted (acres) **140** Roadway(s) impacted (length) **2**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of Seagoville DMP**

ID# **031000353**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate city and identify future projects.**

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

County **Dallas** Watershed HUC# (if known) **120301050204,120301060505,120301060507,120301050205,120301050**

Drainage area (Square miles, est.) **19** Goal(s) **03000007, 03000008, 03000009, 03000010**

100-Year Flood Risk Summary

Population at risk **627** # of structures **180** Critical facilities **2**

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

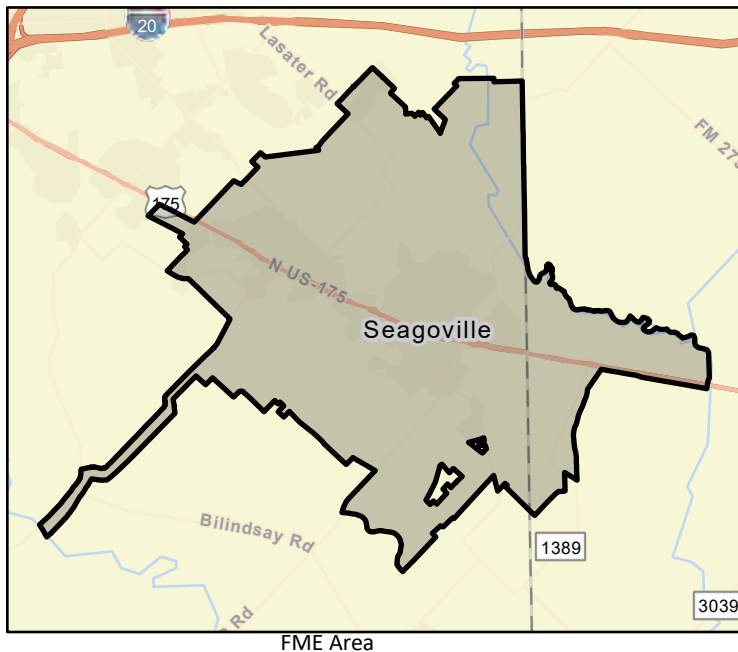
Farm/Ranch land impacted (acres) **1,728** Roadway(s) impacted (length) **10**

Number of low water crossings **7** Historical road closures **-**

Estimated Cost and Funding Availability

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

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **City of Huntsville DMP**

ID# **031000354**

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

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

Study Details

Study type **Watershed Planning**

Study description **Evaluate city and identify future projects**

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

County **Walker** Watershed HUC# (if known) **120302020805,120401010202,120302020802,120302020801,120401010**

Drainage area (Square miles, est.) **14** Goal(s) **03000007, 03000008, 03000009, 03000010**

100-Year Flood Risk Summary

Population at risk **2,819** # of structures **238** Critical facilities **3**

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

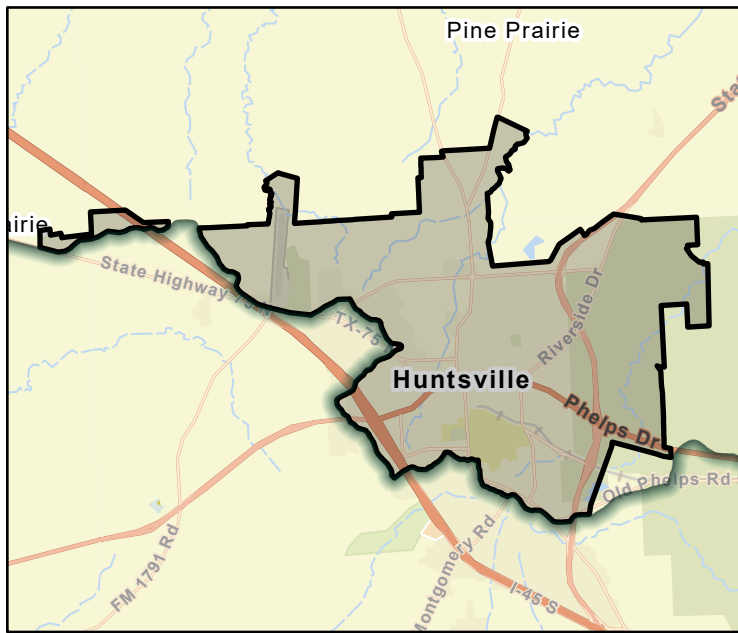
Farm/Ranch land impacted (acres) **107** Roadway(s) impacted (length) **6**

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

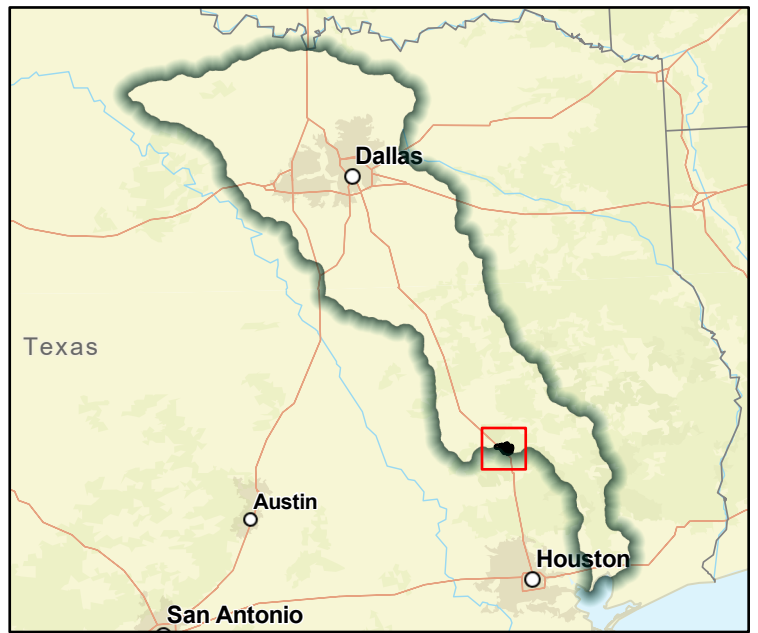
Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of Weatherford DMP**

ID# **031000355**

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

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

Study Details

Study type **Watershed Planning**

Study description **Evaluate city and identify future projects**

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

County **Parker** Watershed HUC# (if known) **120301020205,120602011201,120301020103,120301020203,120301020**

Drainage area (Square miles, est.) **26** Goal(s) **03000007, 03000008, 03000009, 03000010**

100-Year Flood Risk Summary

Population at risk **2,170** # of structures **520** Critical facilities **5**

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

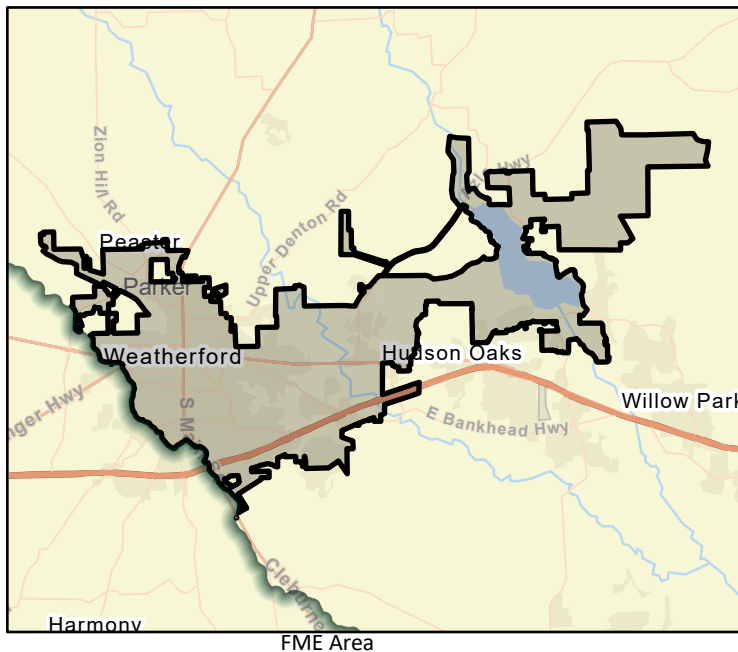
Farm/Ranch land impacted (acres) **759** Roadway(s) impacted (length) **18**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **City of Irving DMP**

ID# **031000358**

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 **Evaluate city and identify future projects**

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

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

Drainage area (Square miles, est.) **68** Goal(s) **03000007, 03000008, 03000009, 03000010**

100-Year Flood Risk Summary

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

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

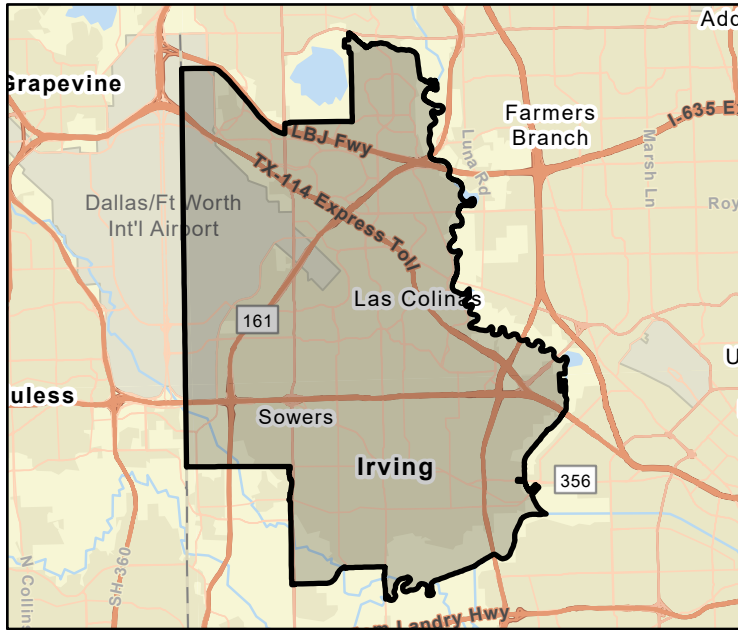
Farm/Ranch land impacted (acres) **1,397** Roadway(s) impacted (length) **85**

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

Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **100,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington California Lane Drainage Improvements**

ID# **031000359**

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 **Study to determine mitigation options in order to implement California Lane Drainage Improvement alternatives from March 2020 report. Alternative est const cost = \$11,722,000**

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.) **1** Goal(s) **03000007, 03000008, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **5,415** # of structures **1,669** Critical facilities **121**

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

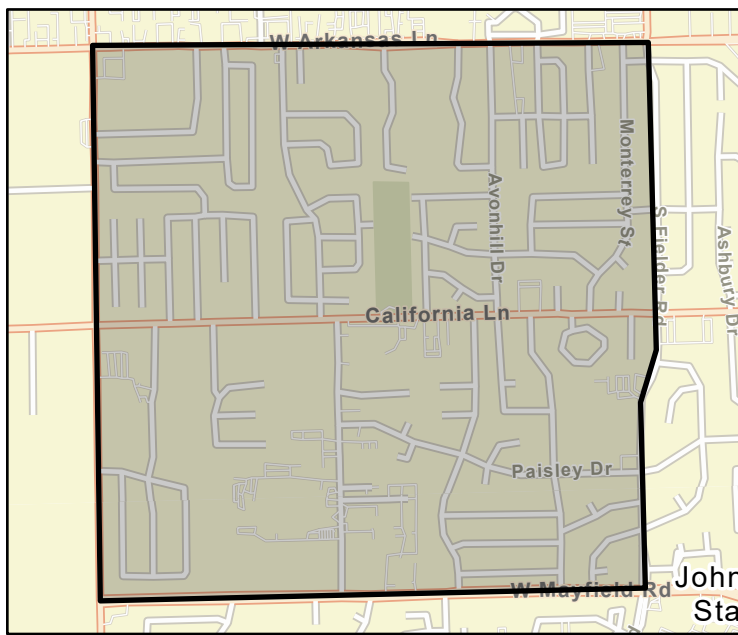
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **60**

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 Peaks Branch Upper Basin Relief System (RL Area 13)

ID# 031000360

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 Drainage relief system for Peaks Branch watershed from Buckner Park north to M Streets; continuation of Middle Peaks Branch Phases I & II

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

County Dallas Watershed HUC# (if known) 120301050106,120301050101

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

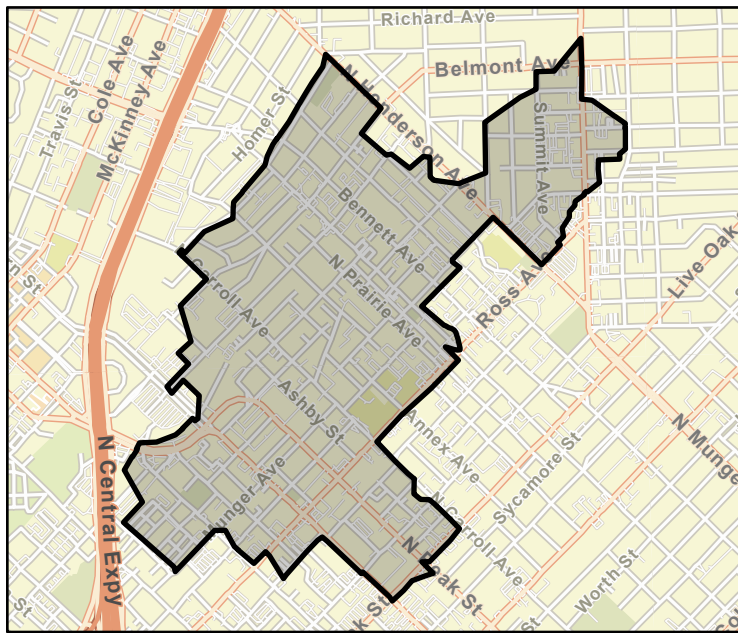
100-Year Flood Risk Summary

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 -

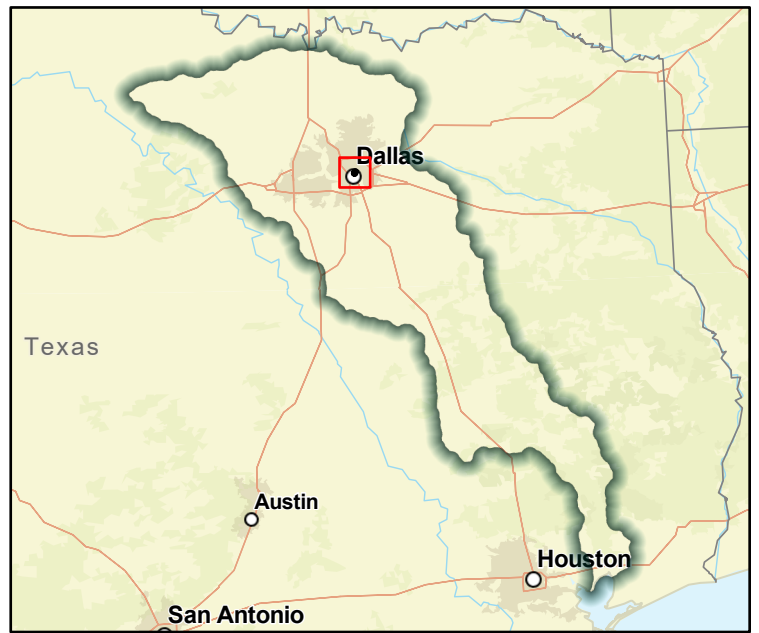
Estimated Cost and Funding Availability

Total Cost \$12,219,000 Amount of Available Funding 1,221,900 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **North Delaware Creek Phases 2 & 3**

ID# **031000361**

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 **Project Planning**

Study description **Study to devise channel modifications on North Delaware Creek from upstream at Finley St downstream at Henry Dr**

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

County **Dallas** Watershed HUC# (if known) **120301020706,120301020705,120301031006**

Drainage area (Square miles, est.) **1** Goal(s) **03000007, 03000008, 03000013, 03000014**

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**

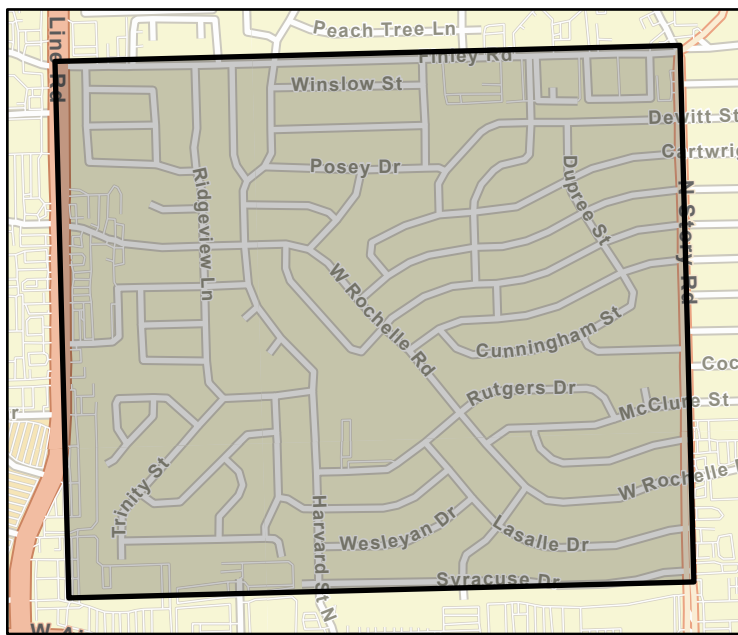
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$3,397,000** Amount of Available Funding **339,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Willow Creek Wilshire Blvd (SH 174) Improvements

ID# 031000362

Sponsor (name of entity, not person) Burleson

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

Study Details

Study type Project Planning

Study description Study to devise channel modifications of Willow Creek to prevent flooding downstream of the Wilshire Blvd crossing

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

County Johnson Watershed HUC# (if known) 120301020401

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

100-Year Flood Risk Summary

Population at risk 1 # of structures 1 Critical facilities 0

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

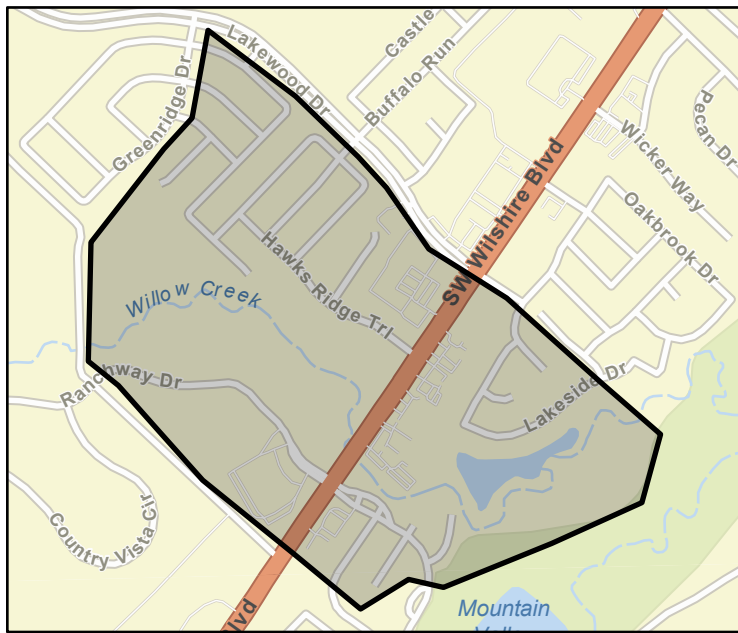
Farm/Ranch land impacted (acres) 14 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$289,000 Amount of Available Funding 28,900 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Western Heights Drainage Improvements**

ID# **031000363**

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

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

Study Details

Study type **Project Planning**

Study description **Study to determine mitigation options in order to implement Western Heights Drainage Improvements from report dated Sept 2019**

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

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

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

100-Year Flood Risk Summary

Population at risk **106** # of structures **14** Critical facilities **0**

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

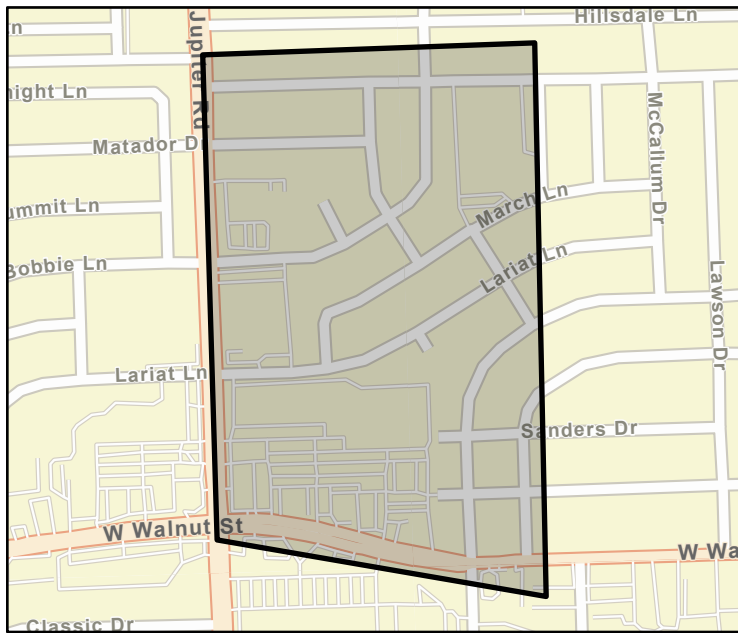
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** 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 **Terrell BC1 Watershed Drainage Improvements**

ID# **031000364**

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

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 flooding by implementing culverts and channel improvements throughout watershed area including West End Drive, UPRR crossing, the nearby park and cemetery, and US 80**

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

County **Kaufman** Watershed HUC# (if known) **120301070105**

Drainage area (Square miles, est.) **1** Goal(s) **03000007, 03000008, 03000013, 03000014**

100-Year Flood Risk Summary

Population at risk **4** # of structures **2** Critical facilities **0**

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

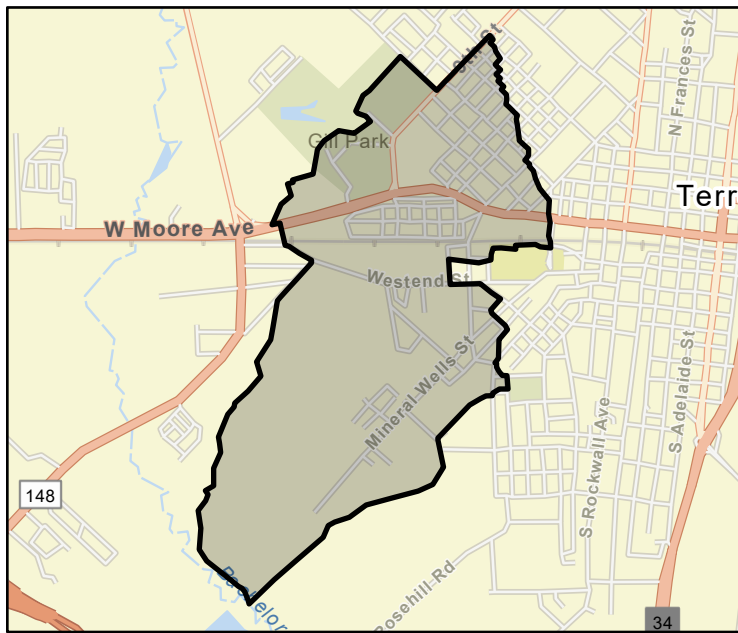
Farm/Ranch land impacted (acres) **9** Roadway(s) impacted (length) **0**

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

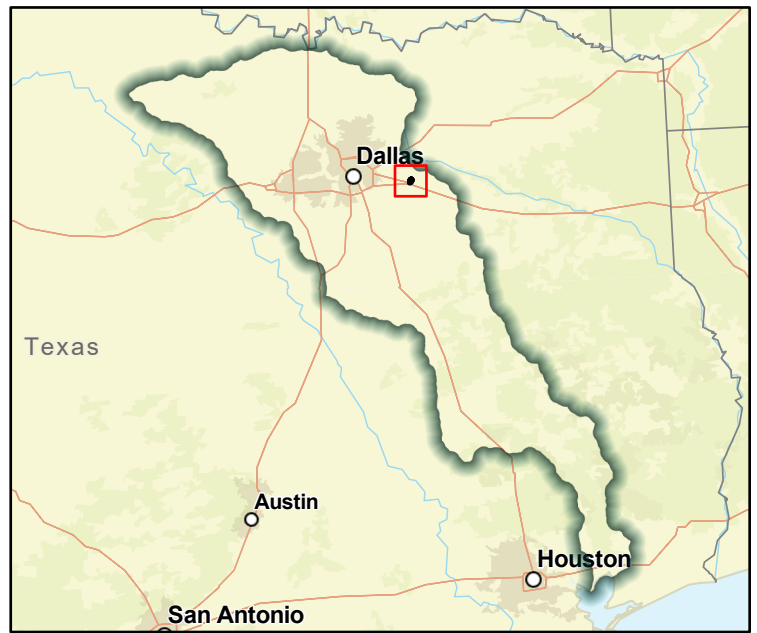
Estimated Cost and Funding Availability

Total Cost **\$6,640,000** Amount of Available Funding **664,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **DMP Phase 2: Dunlap**

ID# **031000365**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluation of culvert and channel modifications to alleviate flooding in the study area. Area expanded to include Dunlap St storm sewer, Henry St culvert, and railroad crossing to Rock Spring Branch.**

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

County **Ellis** Watershed HUC# (if known) **120301090305,120301090302**

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

100-Year Flood Risk Summary

Population at risk **20** # of structures **12** Critical facilities **0**

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

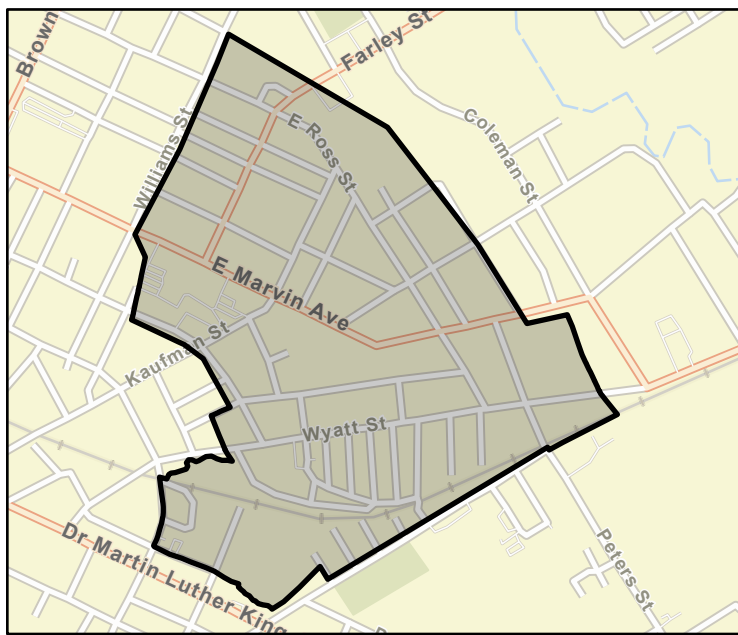
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$815,000** Amount of Available Funding **81,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Stream 7C2 Channel Improvements**

ID# **031000366**

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 **Project Planning**

Study description **Evaluation of possible culvert and channel improvements beneath Loop 12 to alleviate flooding along stream 7C2**

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

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

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

100-Year Flood Risk Summary

Population at risk **96** # of structures **21** Critical facilities **0**

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

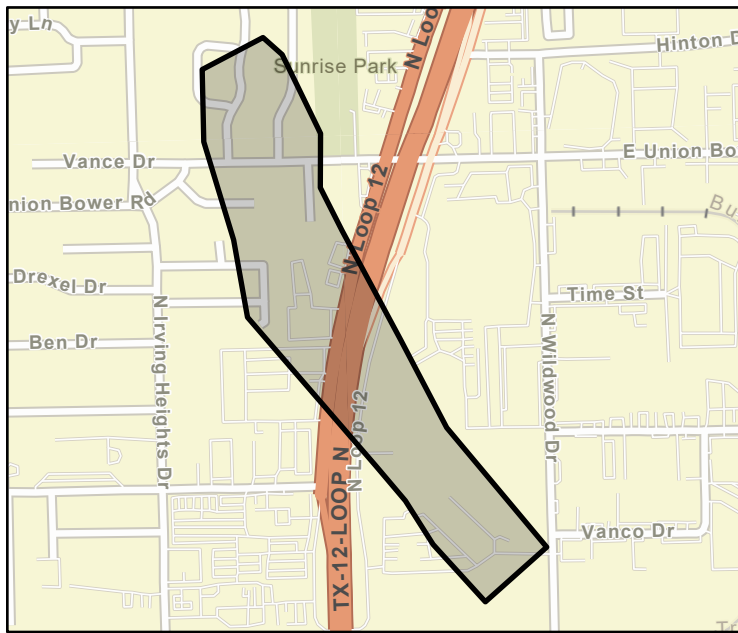
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$2,685,000** Amount of Available Funding **268,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Village Creek CR 802 (east) Improvements**

ID# **031000367**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluation of possible culvert improvements to prevent overtopping of CR 802 at Village Creek crossings**

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

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

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

100-Year Flood Risk Summary

Population at risk **1** # of structures **1** Critical facilities **0**

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

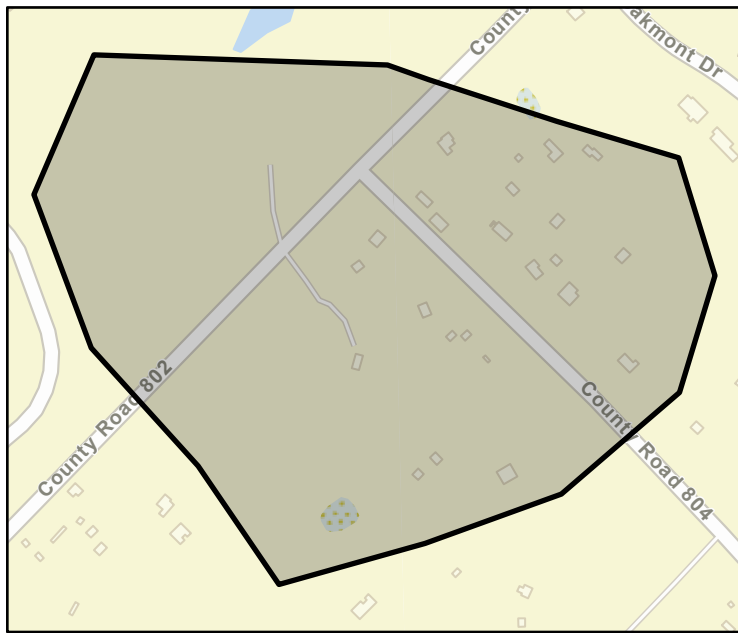
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$569,000** Amount of Available Funding **56,900** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive**

ID# **031000368**

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

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

Study Details

Study type **Project Planning**

Study description **Study to determine mitigation options needed to implement Drainage Improvements from Stream 2C5 (Keen Creek)**

New Hydrologic or Hydraulic model? **Yes**

Emergency Need? **No**

Existing/Anticipated models in near term? **No**

County **Dallas**

Watershed HUC# (if known) **120301050105,120301060501**

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

Goal(s) **03000007, 03000008**

100-Year Flood Risk Summary

Population at risk **2**

of structures **1**

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) **1**

Number of low water crossings **1**

Historical road closures **-**

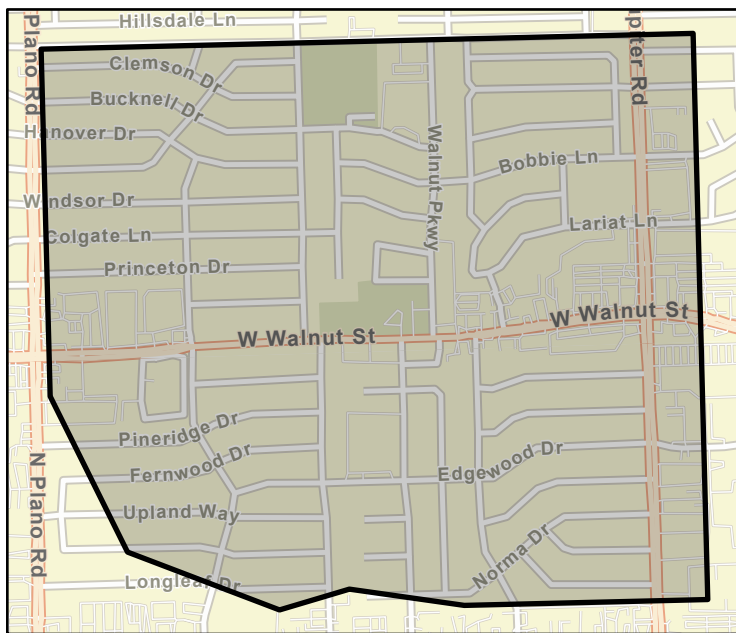
Estimated Cost and Funding Availability

Total Cost **\$250,000**

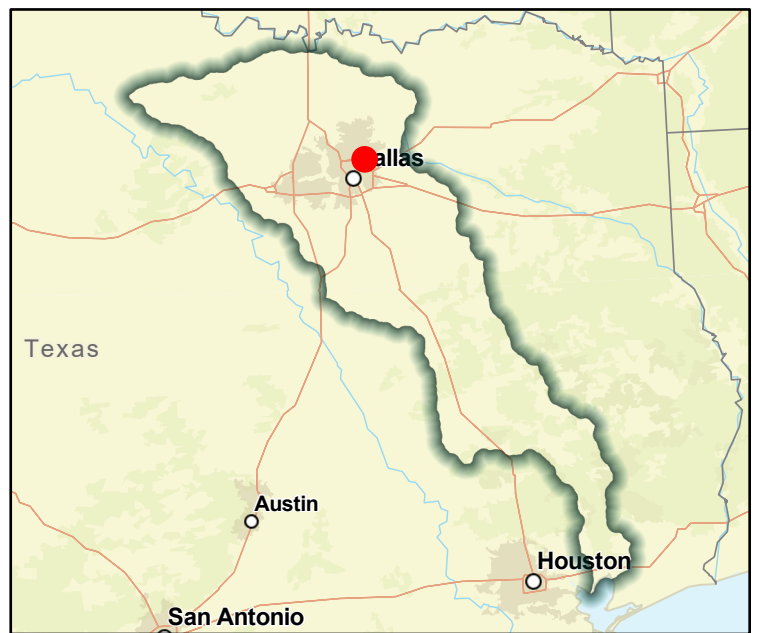
Amount of Available Funding **50,000**

Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Terrell KT1 Watershed Drainage Improvements**

ID# **031000369**

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

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

Study Details

Study type **Project Planning**

Study description **Study to reduce watershed deficiencies by implementing drainage improvements along University Street and channel improvements along Airport Road.**

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

County **Kaufman** Watershed HUC# (if known) **120301070105**

Drainage area (Square miles, est.) **1** Goal(s) **03000007, 03000008, 03000013, 03000014**

100-Year Flood Risk Summary

Population at risk **165** # of structures **10** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **40** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$1,247,000** Amount of Available Funding **124,700** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Village Creek CR 802 (west) Improvements**

ID# **031000370**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluation of possible roadway and culvert improvements to prevent overtopping of CR 802 at Village Creek crossings**

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

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

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

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**

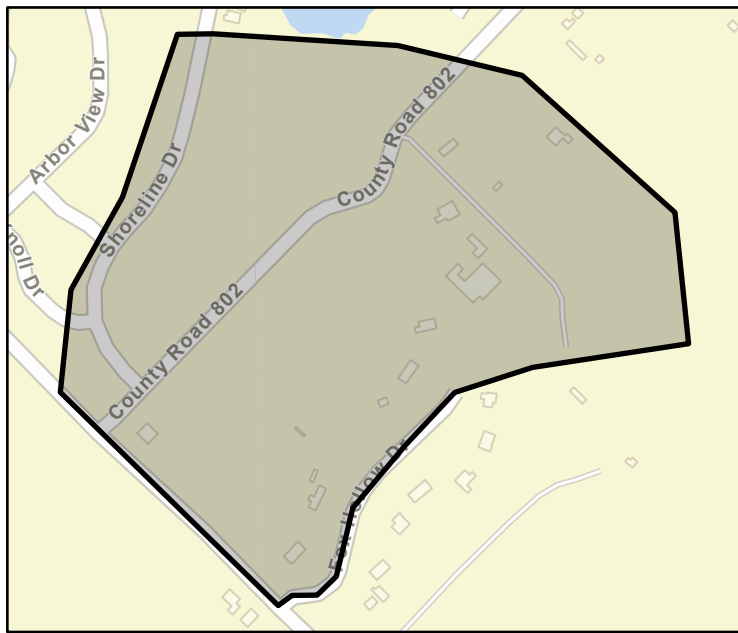
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$1,225,000** Amount of Available Funding **122,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Terrell KC5 Watershed Drainage Improvements**

ID# **031000371**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluation of possible culvert improvements at the railroad spur and channel improvements downstream of railroad spur to tie in with Oldcastle improvements**

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

County **Kaufman** Watershed HUC# (if known) **120301070105**

Drainage area (Square miles, est.) **1** Goal(s) **03000007, 03000008, 03000013, 03000014**

100-Year Flood Risk Summary

Population at risk **133** # of structures **6** Critical facilities **0**

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

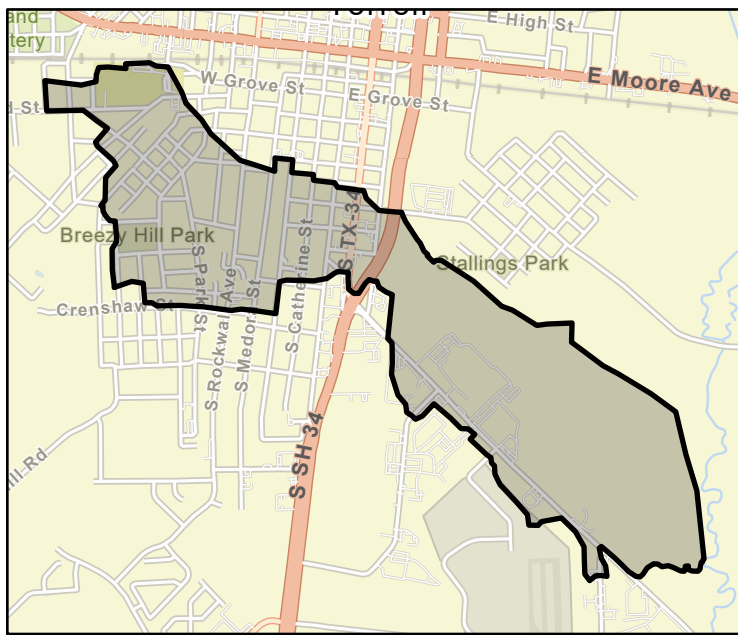
Farm/Ranch land impacted (acres) **43** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$370,000** Amount of Available Funding **37,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Shannon Creek - Culvert to Main Stem Shannon Creek
 ID# 031000372
 Sponsor (name of entity, not person) Burlison
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

Study Details

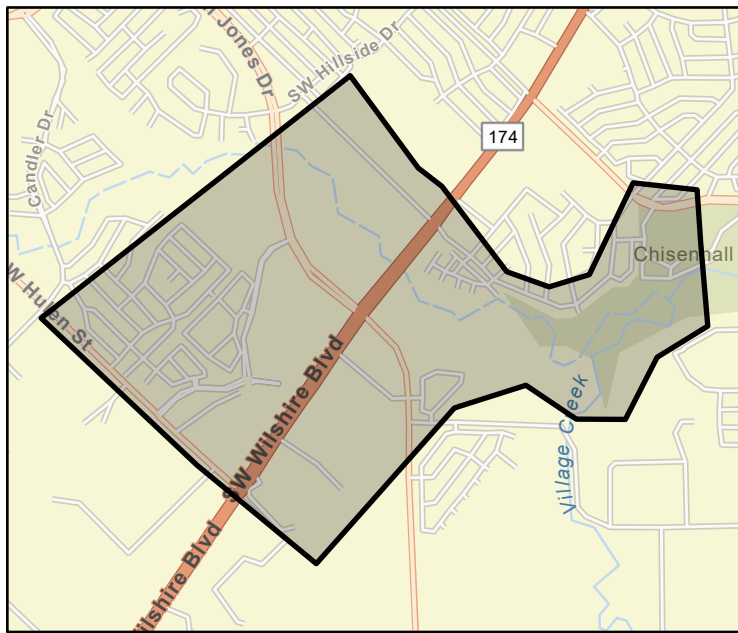
Study type Project Planning
 Study description Study to assess the implementation of additional culverts and channel improvements to prevent overtopping of John Jones Dr.
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No
 County Johnson Watershed HUC# (if known) 120301020401
 Drainage area (Square miles, est.) 1 Goal(s) 03000007, 03000008, 03000013, 03000014

100-Year Flood Risk Summary

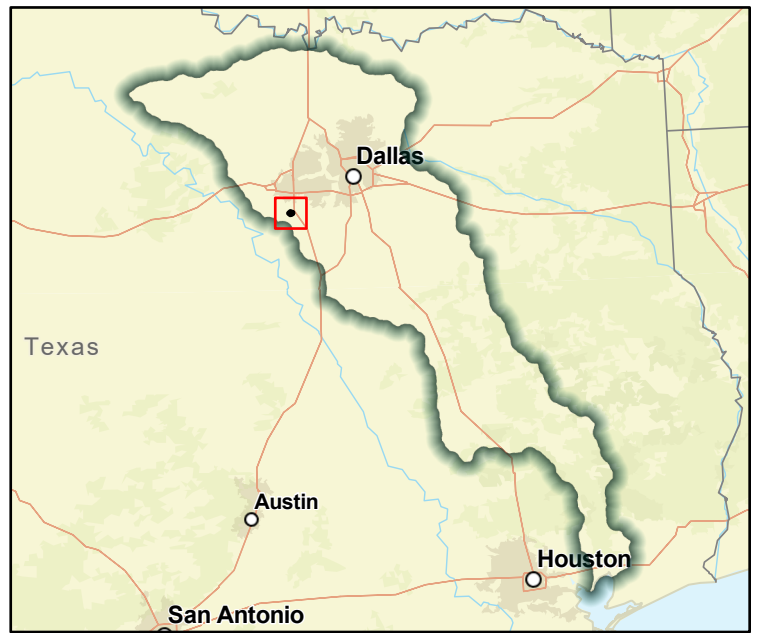
Population at risk 90 # of structures 12 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 65 Roadway(s) impacted (length) 2
 Number of low water crossings 1 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$146,000 Amount of Available Funding 14,600 Federal funding availability Yes
 Funding source Local, State



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Terrell BC5 Watershed Drainage Improvements**

ID# **031000373**

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

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

Study Details

Study type **Project Planning**

Study description **Study to mitigate residential sheet flow in the Terrell BC5 watershed through a storm drain added onto Brookhollow Drive, channel improvements between backyard property lines, and proposed storm drain improvements on Davidson Street .**

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

County **Kaufman** Watershed HUC# (if known) **120301070105**

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

100-Year Flood Risk Summary

Population at risk **3** # of structures **1** Critical facilities **0**

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

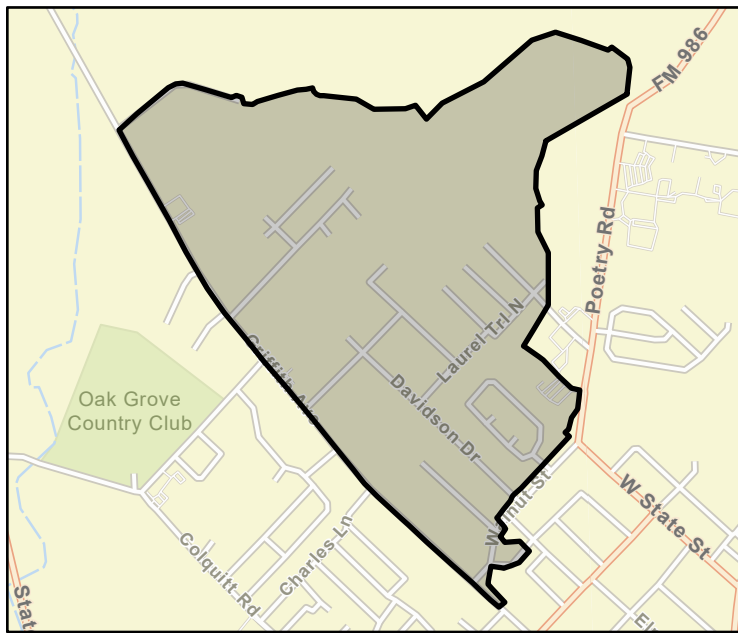
Farm/Ranch land impacted (acres) **9** Roadway(s) impacted (length) **1**

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

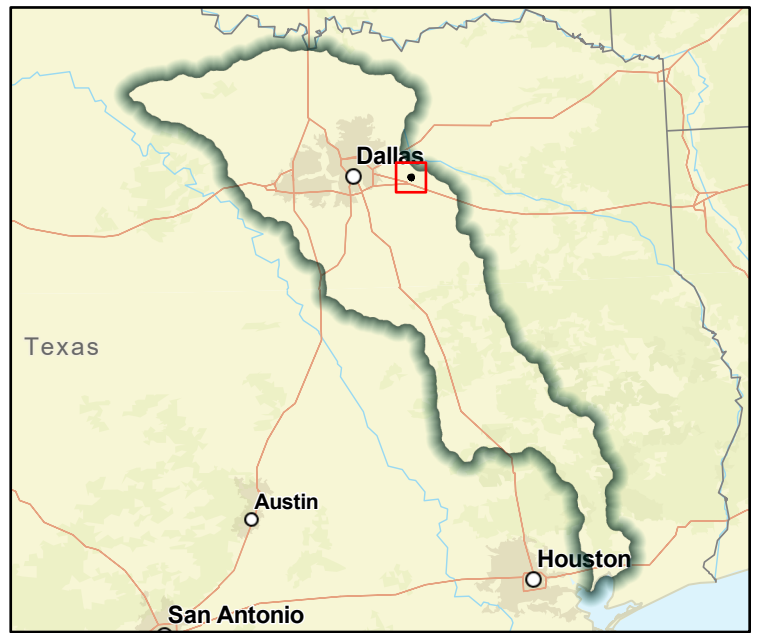
Estimated Cost and Funding Availability

Total Cost **\$509,000** Amount of Available Funding **50,900** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Centerville Market Place Drainage Improvements**

ID# **031000374**

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

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

Study Details

Study type **Project Planning**

Study description **Study to determine viability of green improvements and mitigation to offset implementation of proposed alternatives from the Centerville Marketplace Report from May 2015**

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

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

Drainage area (Square miles, est.) **1** Goal(s) **03000007, 03000008, 03000027, 03000028**

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**

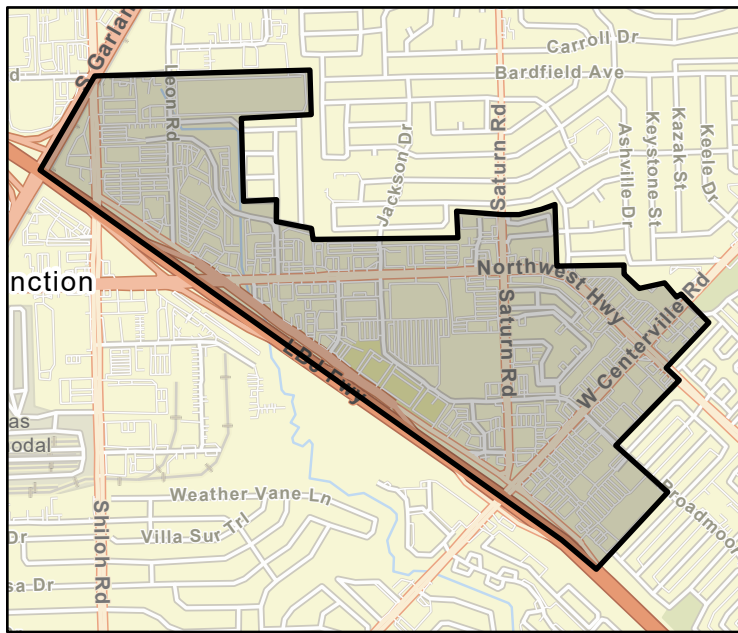
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **50,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Miami Drive Drainage Improvements**

ID# **031000375**

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

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

Study Details

Study type **Project Planning**

Study description **Stream bank erosion evaluation and investigation of other repair or restoration options for Stream 2C-1 parallel to Miami Drive**

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

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

Drainage area (Square miles, est.) **1** Goal(s) **03000007, 03000008, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **4,219** # of structures **1,310** Critical facilities **84**

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

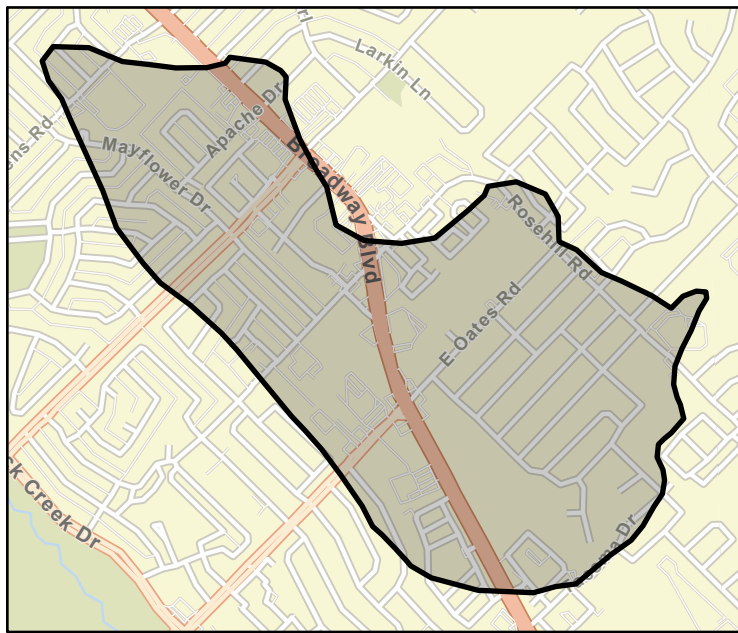
Farm/Ranch land impacted (acres) **19** Roadway(s) impacted (length) **65**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** 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 **Project 14 – Ridgeway Circle and Ridgeway Drive System**

ID# **031000376**

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

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

Study Details

Study type **Project Planning**

Study description **Study to reduce flooding at residential structures along Laguna Drive by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,700,000**

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

County **Dallas, Collin** Watershed HUC# (if known) **120301050104, 120301060407**

Drainage area (Square miles, est.) **5** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **53,537** # of structures **7,440** Critical facilities **323**

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

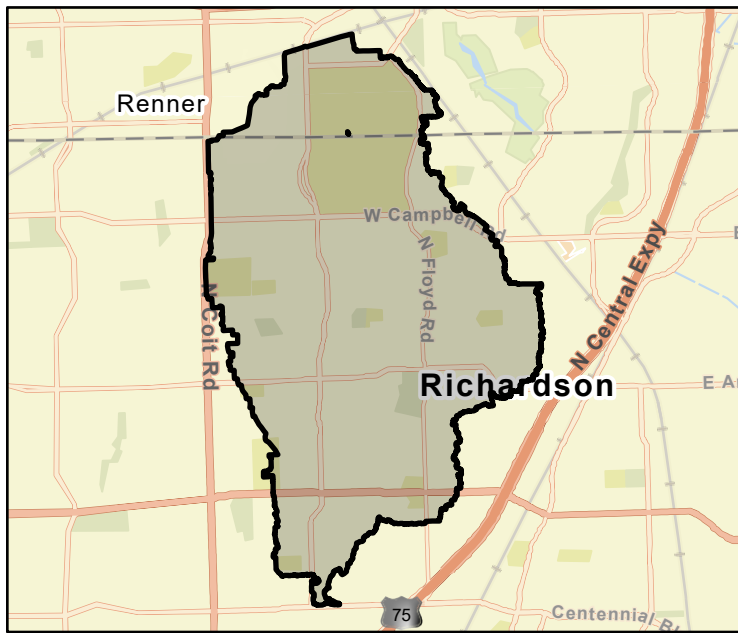
Farm/Ranch land impacted (acres) **67** Roadway(s) impacted (length) **231**

Number of low water crossings **9** Historical road closures **-**

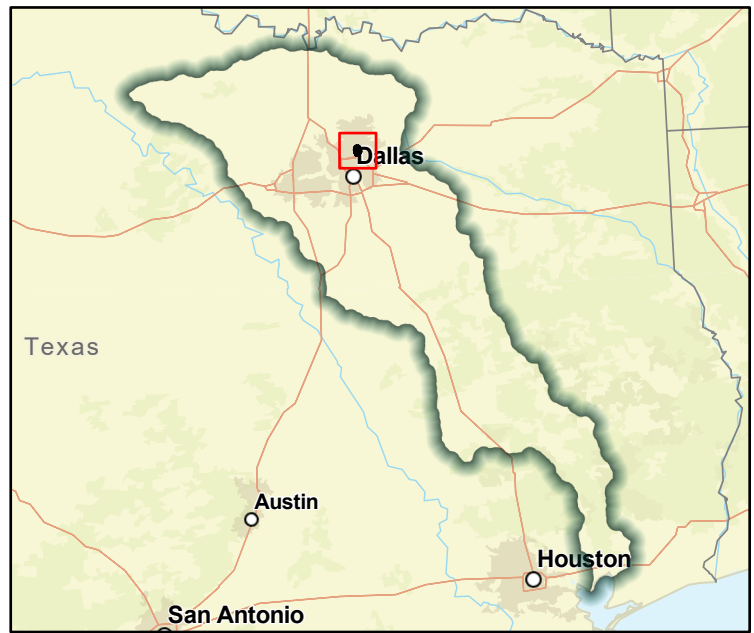
Estimated Cost and Funding Availability

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

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Project 15 – James Drive and Weatherred Drive System**

ID# **031000377**

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

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

Study Details

Study type **Project Planning**

Study description **Study to reduce flooding at residential structures along James Drive and Blue Lake Circle by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,705,000**

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

County **Dallas** Watershed HUC# (if known) **120301050104**

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

100-Year Flood Risk Summary

Population at risk **3,230** # of structures **488** Critical facilities **18**

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

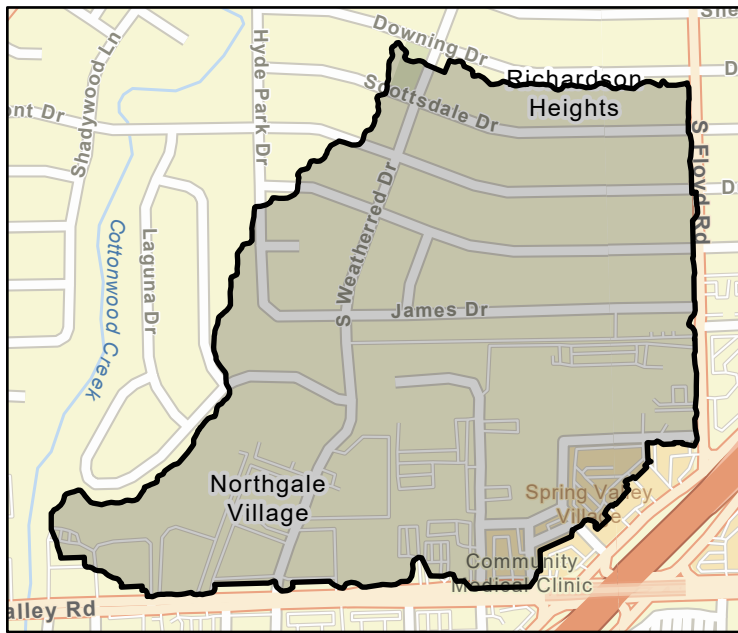
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **14**

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 **10' X 4.5' Culvert at Glenville Drive**

ID# **031000378**

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

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

Study Details

Study type **Project Planning**

Study description **Study to eliminate overtopping for Huffhines Creek at Glenville Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost - \$\$827,000**

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

County **Dallas** Watershed HUC# (if known) **120301050104,120301050105,120301060501**

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

100-Year Flood Risk Summary

Population at risk **6,641** # of structures **1,049** Critical facilities **78**

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

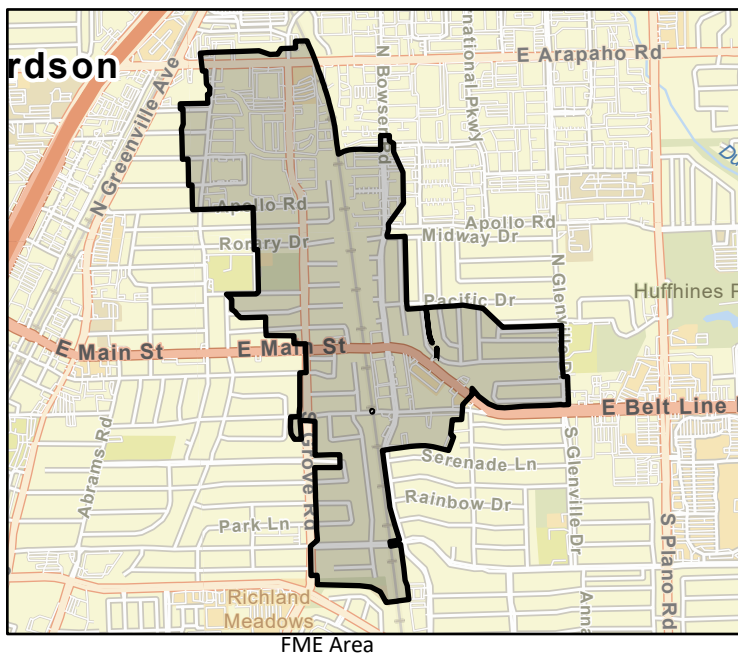
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **54**

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**



Flood Management Evaluation (FME)



Title **2-9' X 7' Culverts Plano Road**

ID# **031000379**

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

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

Study Details

Study type **Project Planning**

Study description **Study to eliminate overtopping for Huffhines Creek at Plano Road crossing for a 100-year storm event by constructing two additional barrels. Est const cost = \$1,459,000**

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

County **Dallas** Watershed HUC# (if known) **120301050104,120301050105,120301060501**

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

100-Year Flood Risk Summary

Population at risk **3,315** # of structures **961** Critical facilities **78**

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

Farm/Ranch land impacted (acres) **12** Roadway(s) impacted (length) **54**

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**

