

Flood Management Evaluation (FME)



Title **10' X 8' Culvert at St Johns Drive**

ID# **031000380**

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 St. John's Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost = \$1,623,000**

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 **14,541** # of structures **2,597** Critical facilities **154**

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

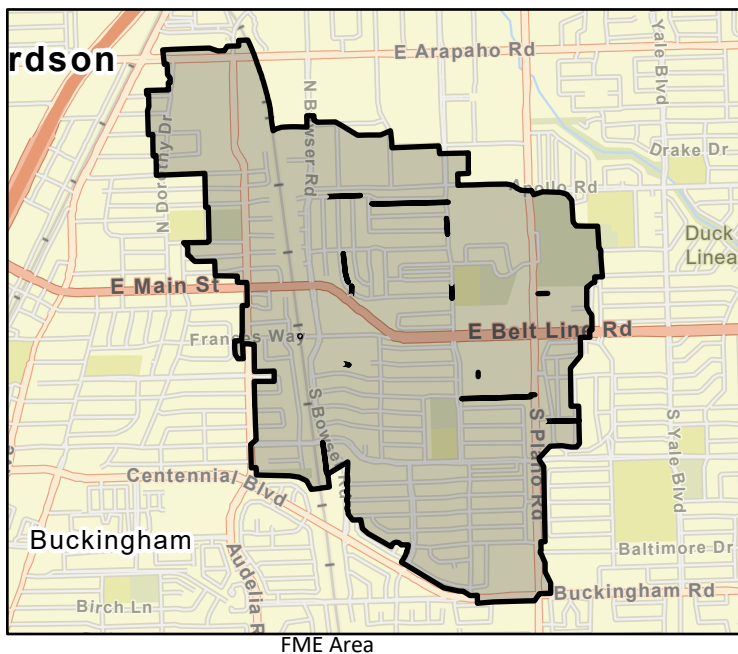
Farm/Ranch land impacted (acres) **19** Roadway(s) impacted (length) **140**

Number of low water crossings **2** 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 **3-10' X 8' Culverts at Yale Blvd.**

ID# **031000381**

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 Yale Boulevard crossing for a 100-year storm event by constructing three additional barrels. Est const cost = \$950,000**

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 **15,458** # of structures **2,798** Critical facilities **164**

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

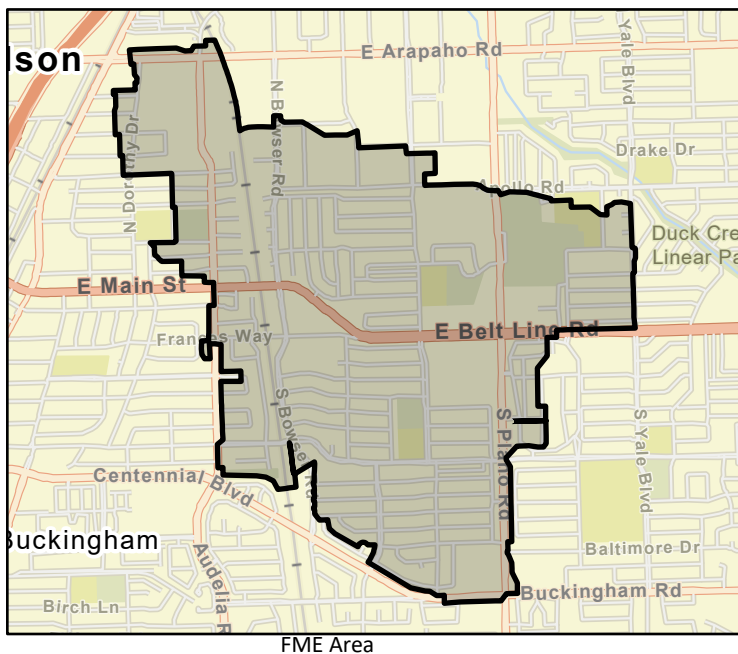
Farm/Ranch land impacted (acres) **19** Roadway(s) impacted (length) **146**

Number of low water crossings **3** 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 Sub-project A4 - College Park Improvements

ID# 031000382

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 along College Park Boulevard and adjacent streets by replacing undersized storm sewer. Est const cost = \$2,458,000

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.) 0 Goal(s) 03000013, 03000014, 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 1,164 # of structures 322 Critical facilities 13

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

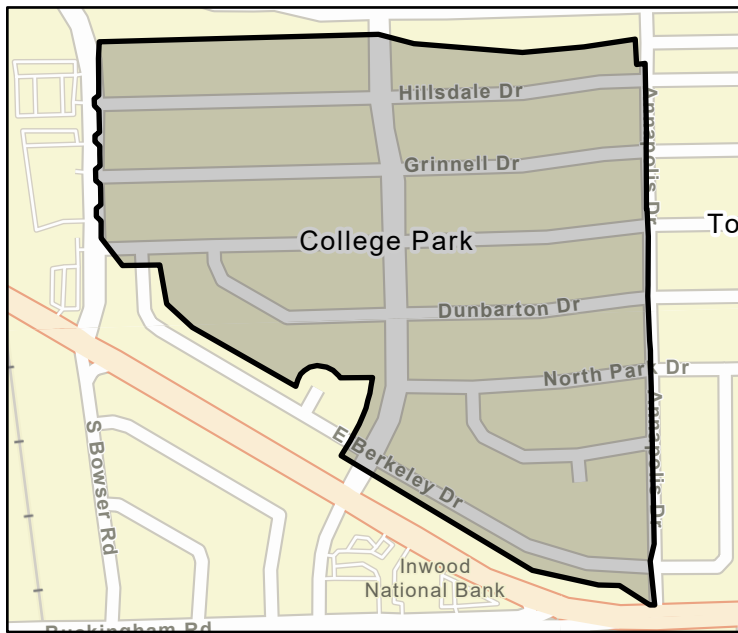
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 10

Number of low water crossings 0 Historical road closures -

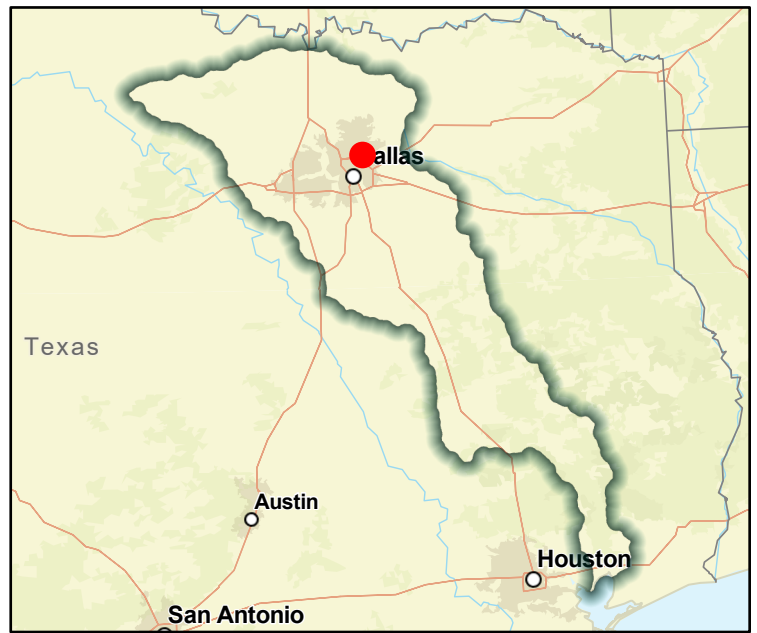
Estimated Cost and Funding Availability

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 Sub-project A5 - Annapolis Drive Improvements
 ID# 031000383
 Sponsor (name of entity, not person) Richardson
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

Study Details

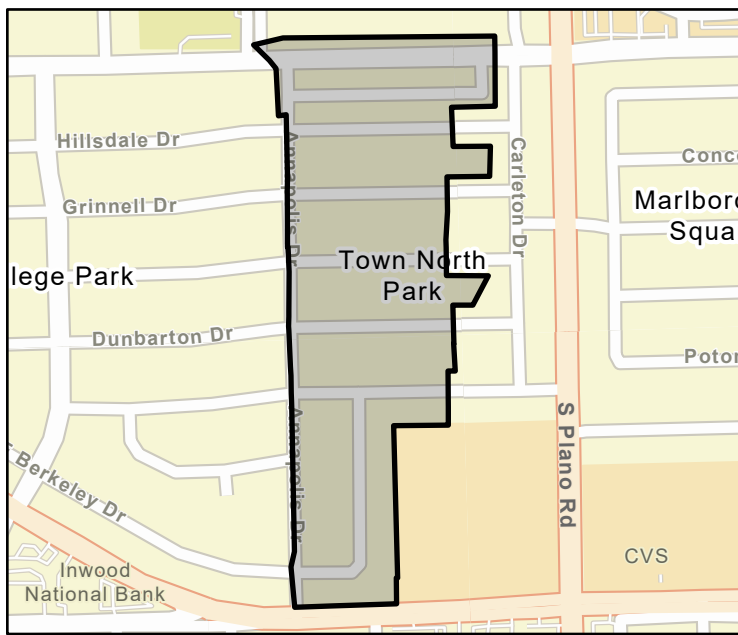
Study type Project Planning
 Study description Study to reduce flooding along Annapolis Drive and spill to College Park Boulevard by replacing undersized storm sewer. Est const cost = \$1,349,000
 New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No
 County Dallas Watershed HUC# (if known) 120301060501
 Drainage area (Square miles, est.) 0 Goal(s) 03000013, 03000014, 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 564 # of structures 174 Critical facilities 9
 Flood risk type: Riverine? No Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 10
 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 Sub-project A7 - Improvements along Windsong Trail

ID# 031000384

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 along Windsong Trail and spill to Glenville Drive by replacing undersized storm sewer. Est. const. cost = \$2,456,000

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) 03000013, 03000014, 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 788 # of structures 213 Critical facilities 11

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

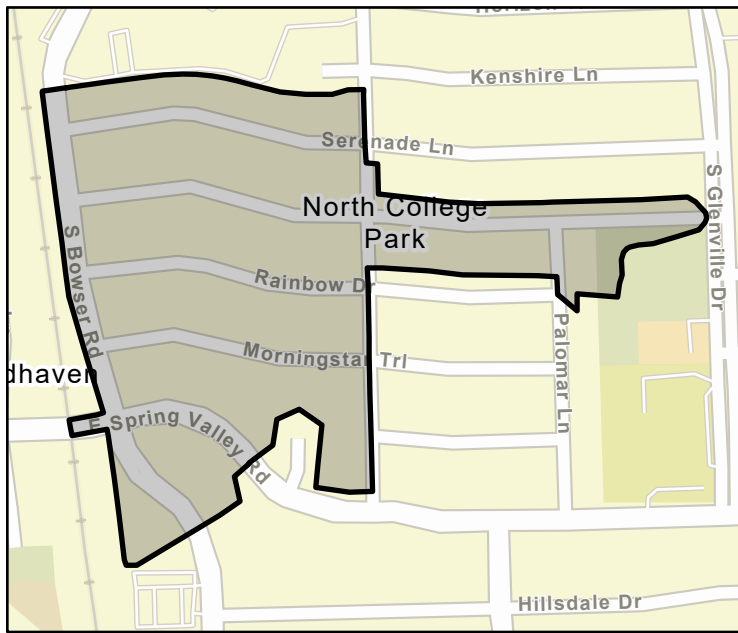
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 10

Number of low water crossings 0 Historical road closures -

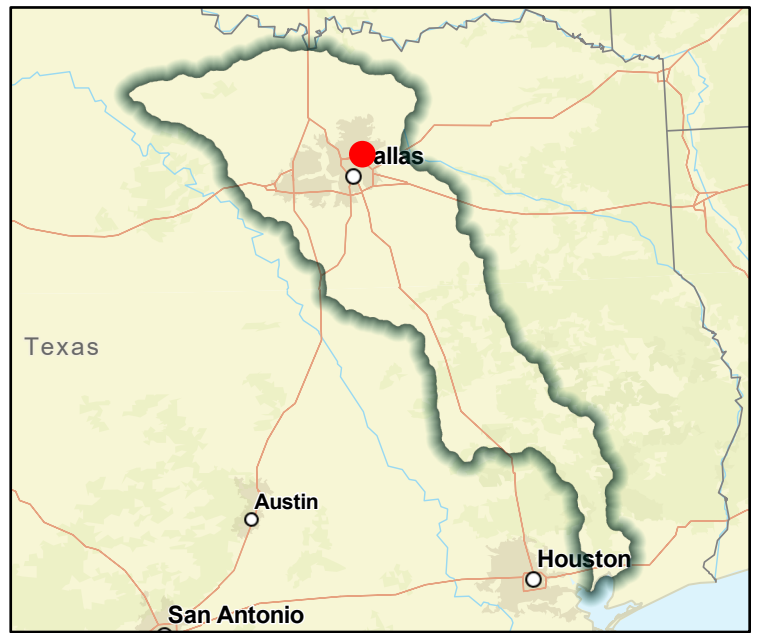
Estimated Cost and Funding Availability

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 Sub-project C3 - Spring Valley at Towne House Lane

ID# 031000385

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 Spring Valley Road and overflow to Towne House Lane by replacing undersized storm sewer.

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) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 274 # of structures 61 Critical facilities 8

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

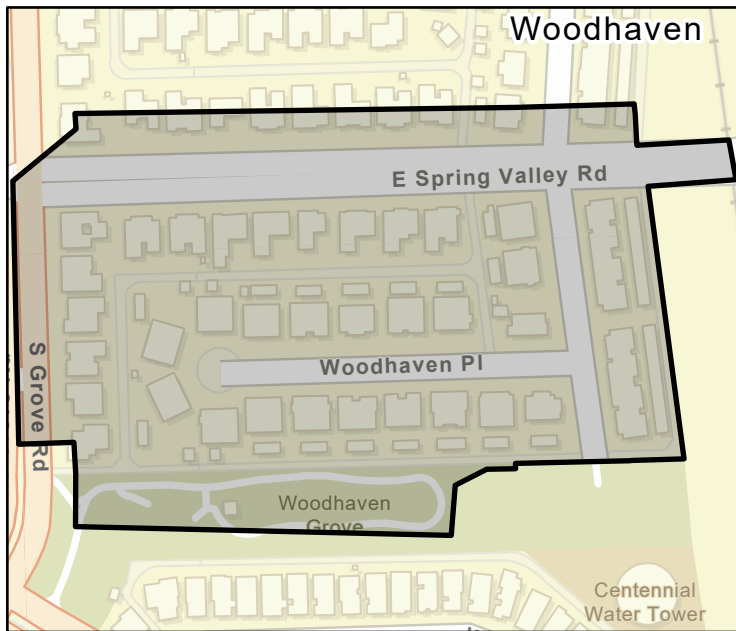
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 5

Number of low water crossings 0 Historical road closures -

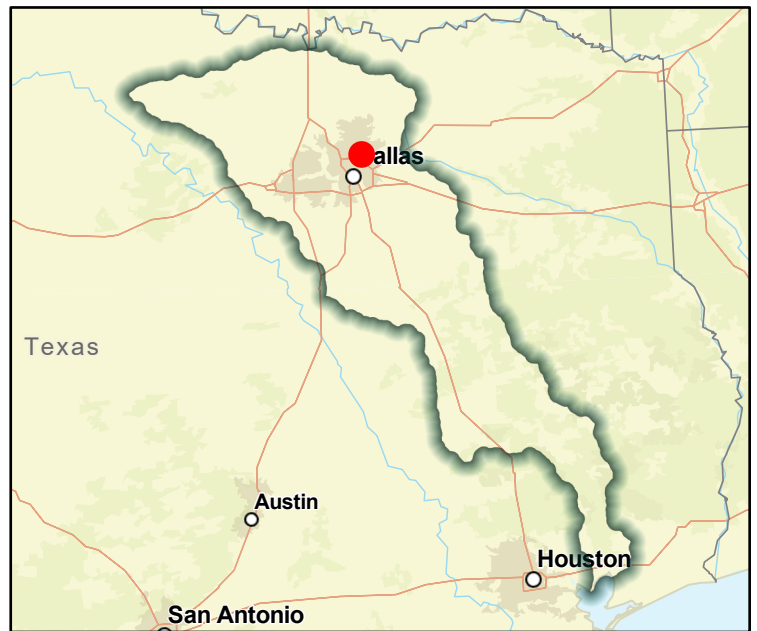
Estimated Cost and Funding Availability

Total Cost \$223,000 Amount of Available Funding 22,300 Federal funding availability Yes

Funding source Local, State



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements**

ID# **031000386**

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 evaluate existing Mansfield Webb Road crossing and propose up to three (3) alternatives.**

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

County **Tarrant** Watershed HUC# (if known) **120301020405,120301020605**

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

100-Year Flood Risk Summary

Population at risk **16,723** # of structures **4,667** Critical facilities **246**

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

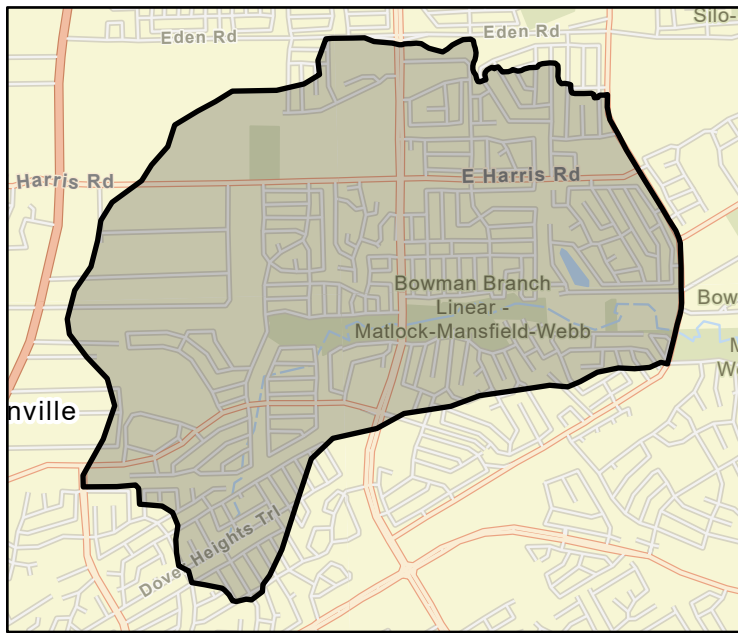
Farm/Ranch land impacted (acres) **120** Roadway(s) impacted (length) **120**

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

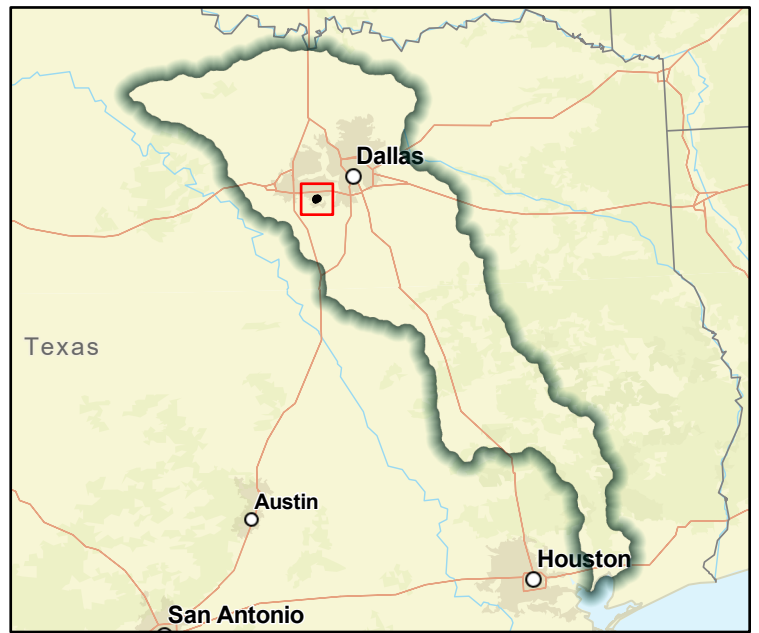
Estimated Cost and Funding Availability

Total Cost **\$185,000** Amount of Available Funding **18,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Bowman Branch - Spring Miller Court Crossing Improvements**

ID# **031000387**

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 **Proposed project to reduce flooding Spring Miller Court Crossing by constructing an additional culvert barrel.**

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

County **Tarrant** Watershed HUC# (if known) **120301020605**

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

100-Year Flood Risk Summary

Population at risk **4,467** # of structures **1,170** Critical facilities **71**

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

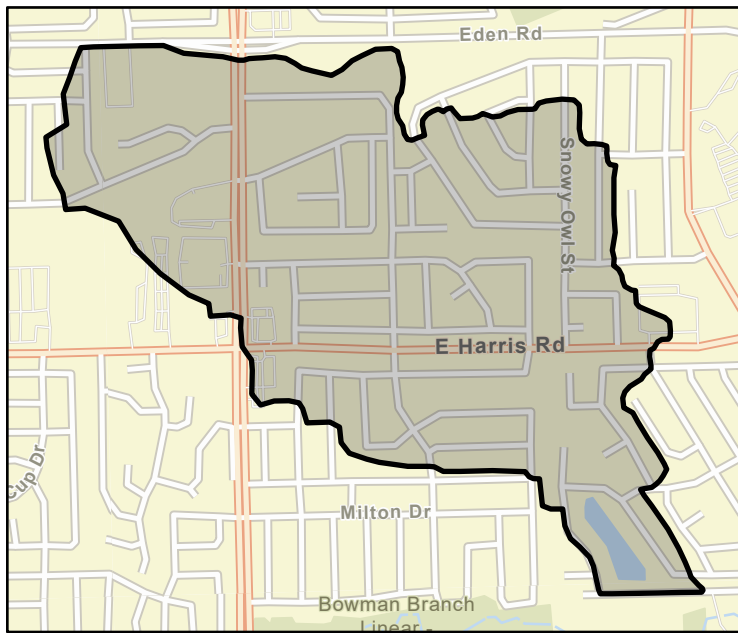
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **35**

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

Estimated Cost and Funding Availability

Total Cost **\$162,000** Amount of Available Funding **16,200** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Cottonwood Creek at Park Row Buyout**

ID# **031000388**

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 **Property acquisition at Park Row. There are no channel improvements planned.**

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

County **Tarrant** Watershed HUC# (if known) **120301020607**

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

100-Year Flood Risk Summary

Population at risk **6,662** # of structures **814** Critical facilities **82**

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

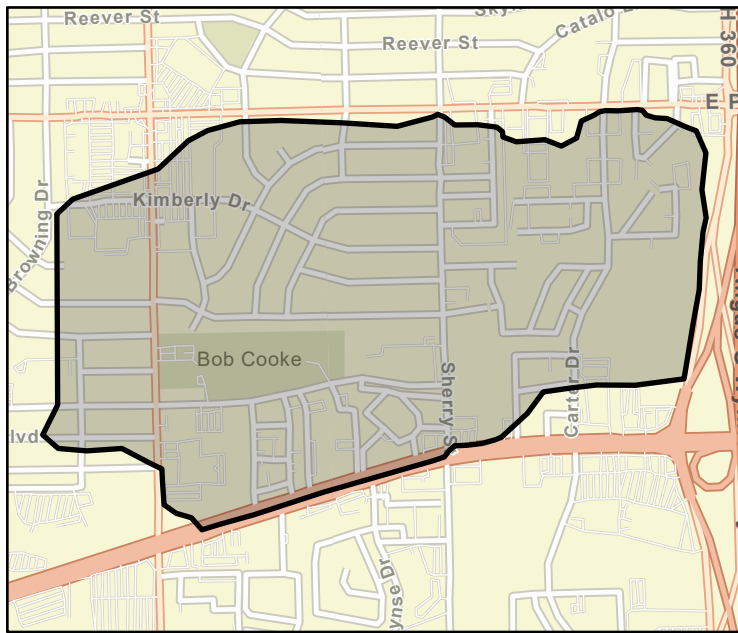
Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **41**

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

Estimated Cost and Funding Availability

Total Cost **\$88,000** Amount of Available Funding **8,800** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington North Fish Creek Detention between Allen Avenue & SH 360**

ID# **031000389**

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 **Detention of peak flows for Harvest Hills and Briar neighborhood in order to reduce or eliminate downstream channel improvements. Two (2) alternatives proposed.**

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

County **Tarrant** Watershed HUC# (if known) **120301020607,120301020606**

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

100-Year Flood Risk Summary

Population at risk **2,122** # of structures **546** Critical facilities **22**

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

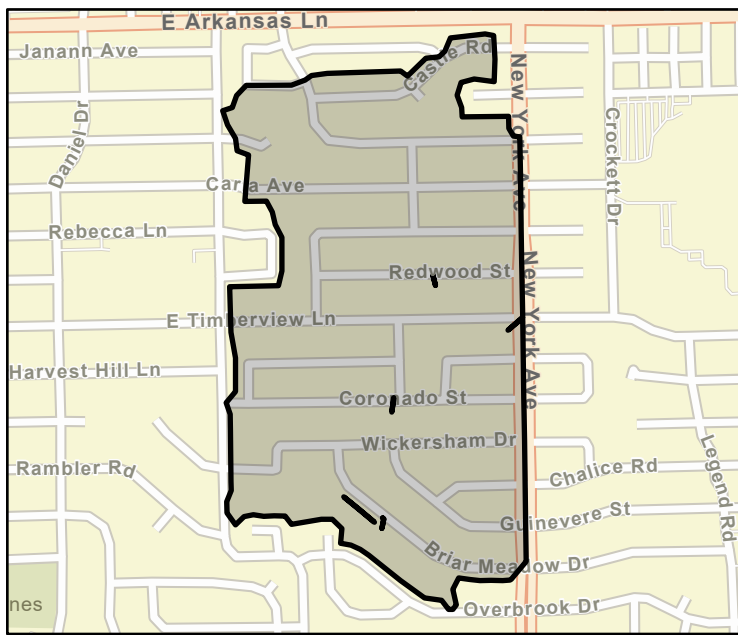
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **22**

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

Estimated Cost and Funding Availability

Total Cost **\$205,000** Amount of Available Funding **20,500** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1**

ID# **031000390**

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 improve downstream channel improvements and constructing additional barrels along Mayfield Road and North Fish Creek due to the increase in flows from the proposed storm drain improvements.**

New Hydrologic or Hydraulic model? **Yes**

Emergency Need? **No**

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

County **Tarrant**

Watershed HUC# (if known) **120301020606**

Drainage area (Square miles, est.) **0**

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

100-Year Flood Risk Summary

Population at risk **2,814**

of structures **743**

Critical facilities **41**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **3**

Roadway(s) impacted (length) **33**

Number of low water crossings **0**

Historical road closures **-**

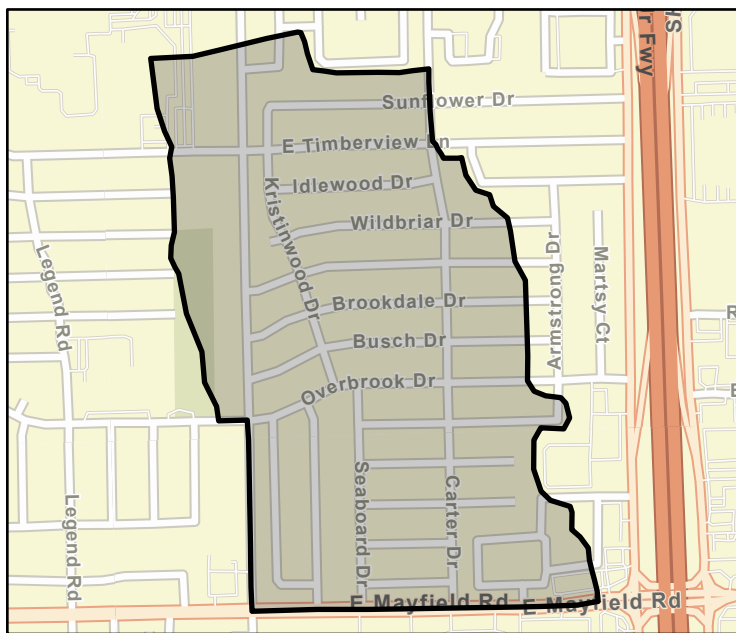
Estimated Cost and Funding Availability

Total Cost **\$154,000**

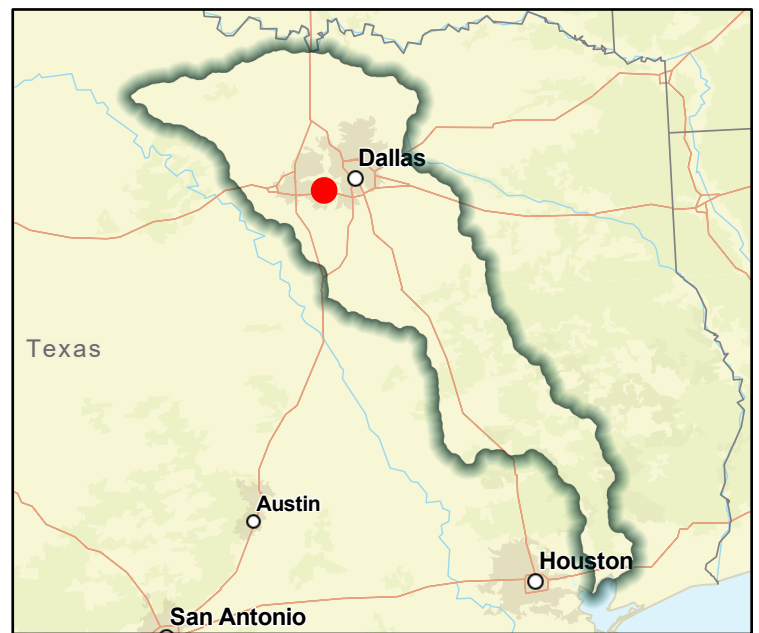
Amount of Available Funding **15,400**

Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Cottonwood Creek at Sherry Street Crossing Improvements**

ID# **031000391**

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 **Flood study evaluating three (3) alternatives which preserve access to the existing fire station while reducing flooding at this crossing.**

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

County **Tarrant** Watershed HUC# (if known) **120301020607**

Drainage area (Square miles, est.) **0** Goal(s) **03000017, 03000018, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **2,768** # of structures **291** Critical facilities **57**

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

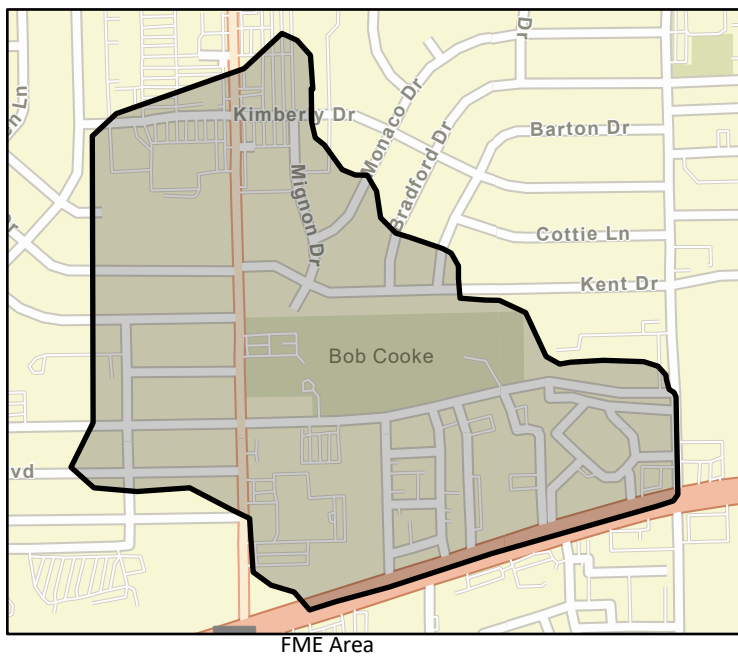
Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **33**

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

Estimated Cost and Funding Availability

Total Cost **\$231,000** Amount of Available Funding **23,100** Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout**

ID# **031000392**

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 **Property acquisition of thirty (30) structures at Pioneer Parkway and Center Street. No channel improvements planned.**

New Hydrologic or Hydraulic model? **Yes**

Emergency Need? **No**

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

County **Tarrant**

Watershed HUC# (if known) **120301020405,120301020702,120301020606**

Drainage area (Square miles, est.) **3**

Goal(s) **03000013, 03000014**

100-Year Flood Risk Summary

Population at risk **47,686**

of structures **1,839**

Critical facilities **11,914**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **17**

Roadway(s) impacted (length) **17,099**

Number of low water crossings **1**

Historical road closures **-**

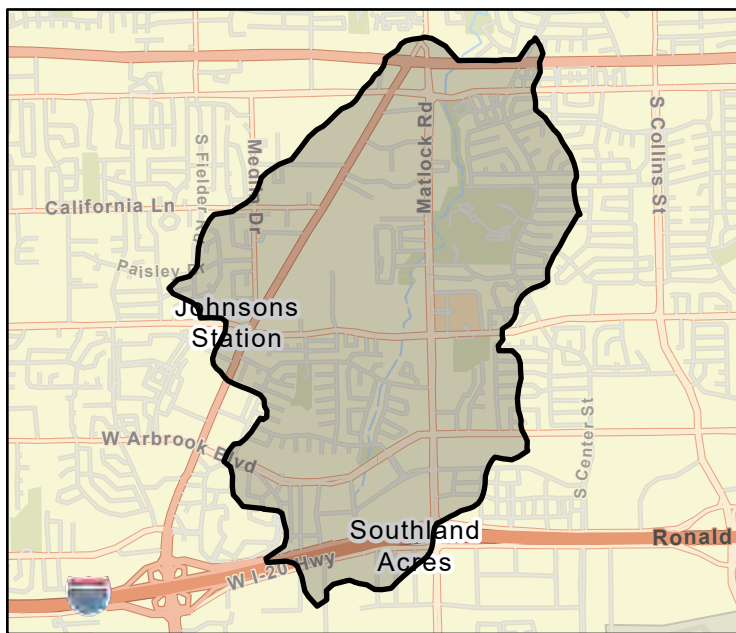
Estimated Cost and Funding Availability

Total Cost **\$231,000**

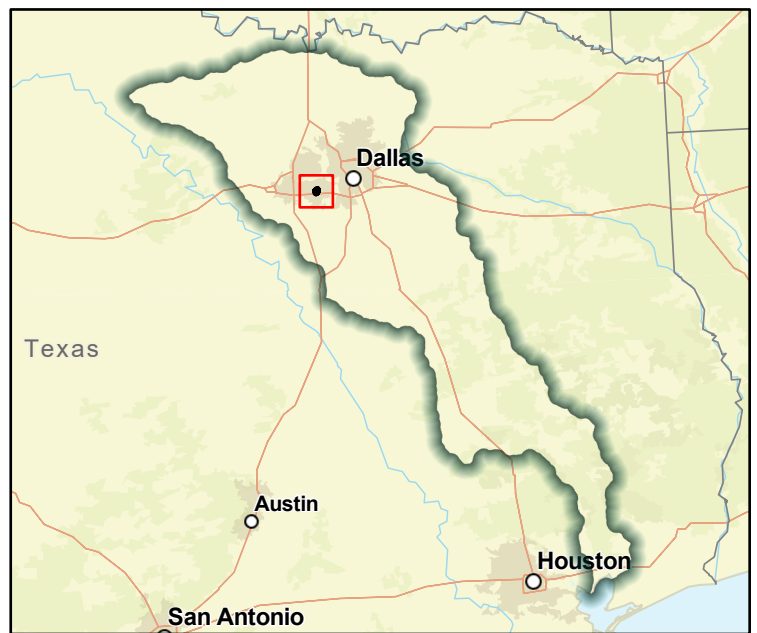
Amount of Available Funding **23,100**

Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Johnson Creek Storm Drain Upgrades on JC-9**

ID# **031000393**

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 **Proposed storm drainage upgrades to system draining to JC-9.**

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) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **19,343** # of structures **1,270** Critical facilities **91**

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

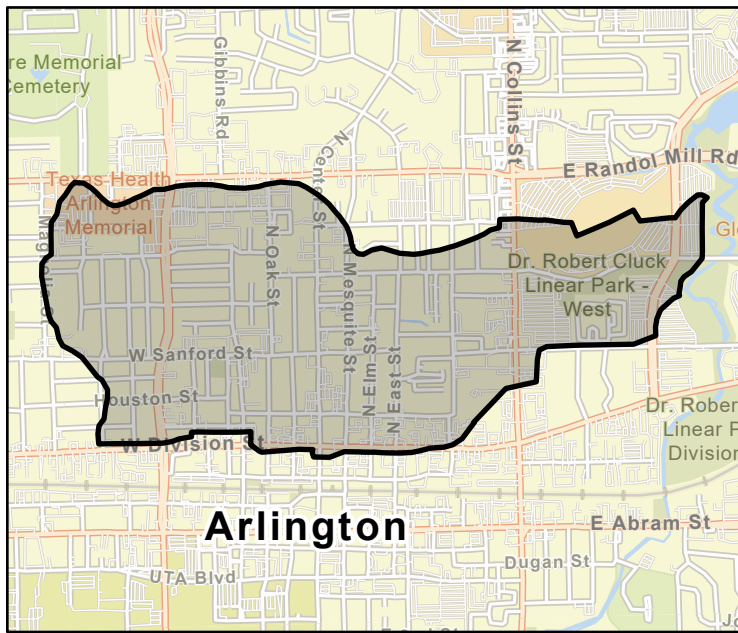
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **65**

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

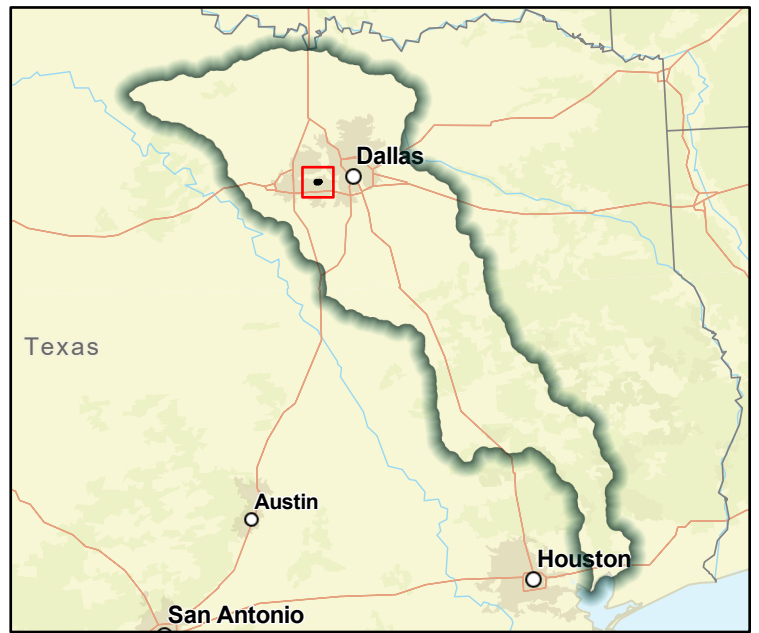
Estimated Cost and Funding Availability

Total Cost **\$1,500,000** Amount of Available Funding **150,000** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford**

ID# **031000394**

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 **Proposed channel rehabilitation at Cooper to Sandford for Stream JC-9.**

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) **03000027, 03000028, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **19,379**

of structures **1,282**

Critical facilities **94**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **10**

Roadway(s) impacted (length) **65**

Number of low water crossings **0**

Historical road closures **-**

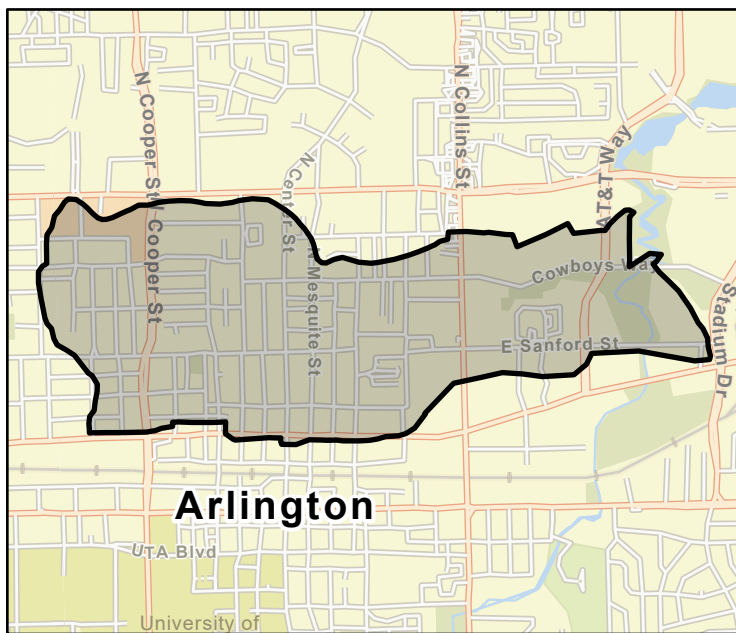
Estimated Cost and Funding Availability

Total Cost **\$250,000**

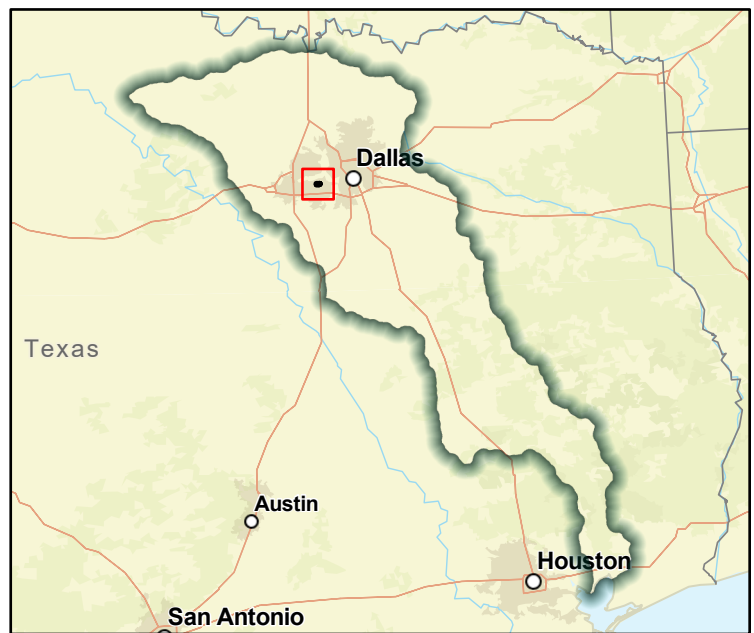
Amount of Available Funding **25,000**

Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements**

ID# **031000395**

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 **Proposed culvert improvements at Collins Street for stream JC-9**

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) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **8,443** # of structures **1,255** Critical facilities **86**

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

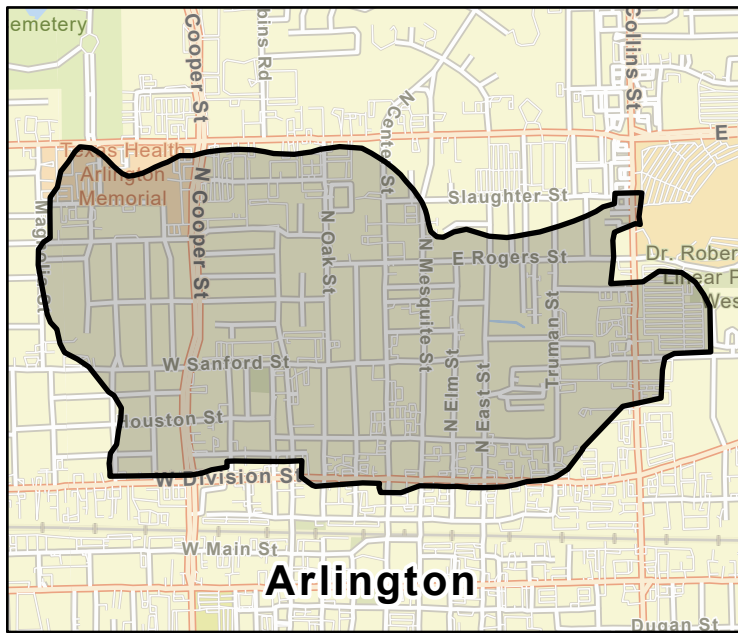
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **54**

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

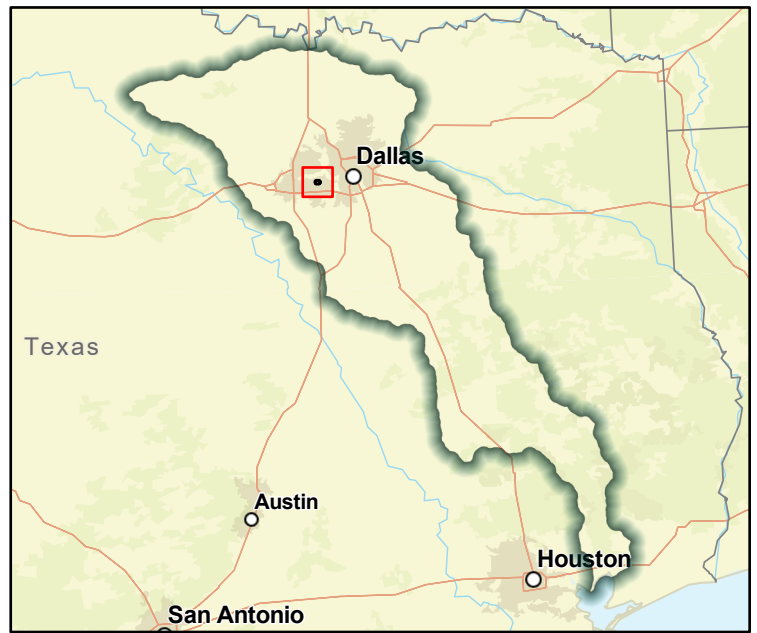
Estimated Cost and Funding Availability

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 **Arlington Johnson Creek - JC-10 Buyouts**

ID# **031000396**

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 **Acquisition of nineteen (19) structures. No channel improvements planned. Est buyout cost = \$2,126,000**

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

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

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

100-Year Flood Risk Summary

Population at risk **84** # of structures **19** Critical facilities **1**

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

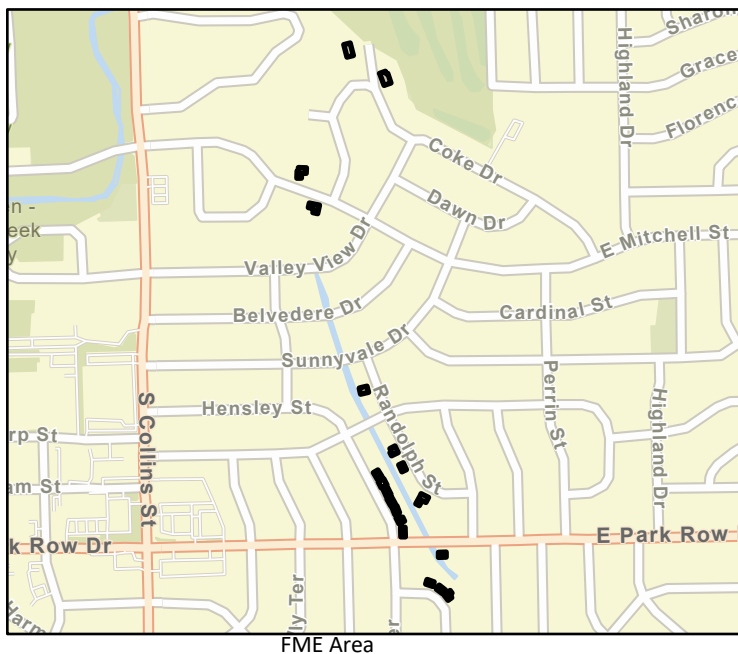
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Arlington Johnson Creek - JC-12 Buyouts**

ID# **031000397**

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 **Removal of four (4) structures in the 100-year floodplain along stream JC-11. No channel improvements planned. Est buyout cost = \$1,599,000**

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

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

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

100-Year Flood Risk Summary

Population at risk **44** # of structures **6** Critical facilities **0**

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

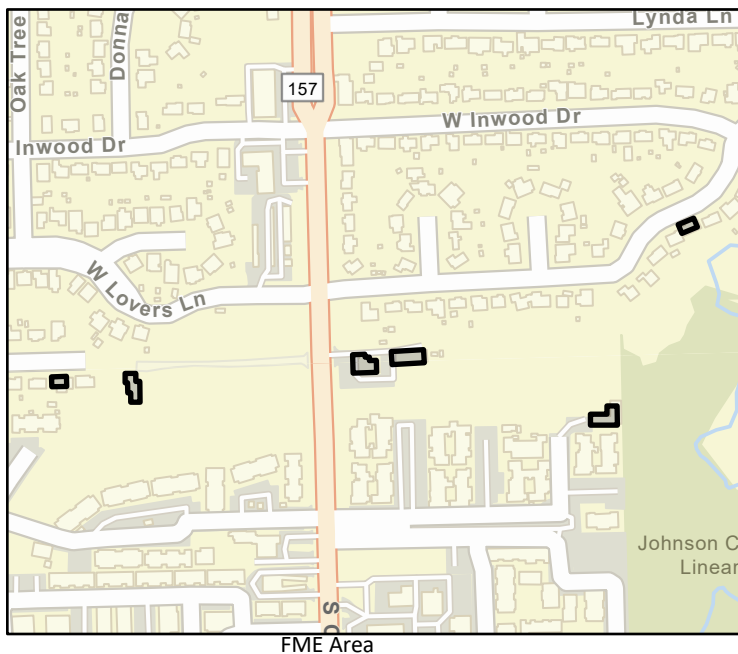
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration**

ID# **031000398**

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 **Buyout and demolition of a 22,150 square foot warehouse and sire adjacent to Upper Rush Creek. Flood study to evaluate feasibility of floodplain restoration through warehouse acquisition. Anticipated acquisition & construction cost = \$8,107,000**

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

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

Drainage area (Square miles, est.) **0** Goal(s) **03000013, 03000014, 03000027, 03000028**

100-Year Flood Risk Summary

Population at risk **795** # of structures **21** Critical facilities **12**

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

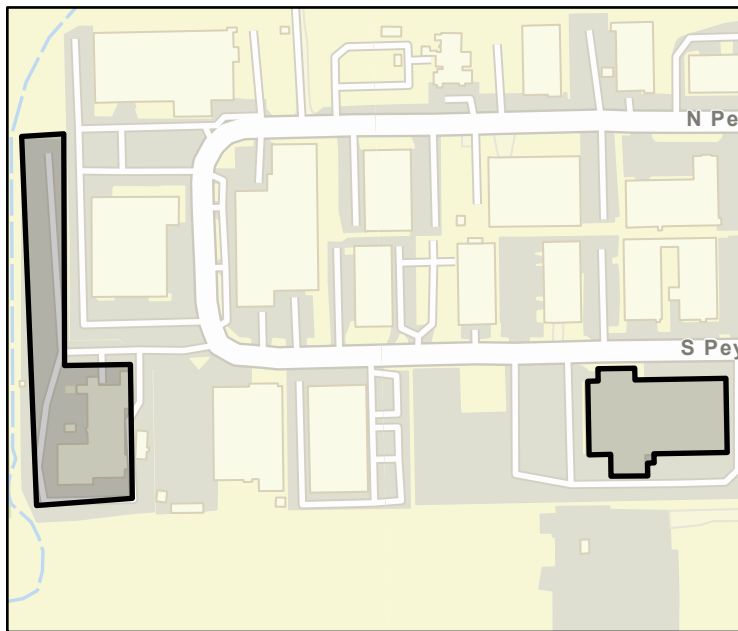
Farm/Ranch land impacted (acres) **17** Roadway(s) impacted (length) **33**

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 **Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements**

ID# **031000399**

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 **Proposed crossing improvements at Shorewood Drive.**

New Hydrologic or Hydraulic model? **Yes**

Emergency Need? **No**

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

County **Tarrant**

Watershed HUC# (if known) **120301020405,120301020404**

Drainage area (Square miles, est.) **0**

Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,363**

of structures **521**

Critical facilities **39**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **0**

Roadway(s) impacted (length) **20**

Number of low water crossings **0**

Historical road closures **-**

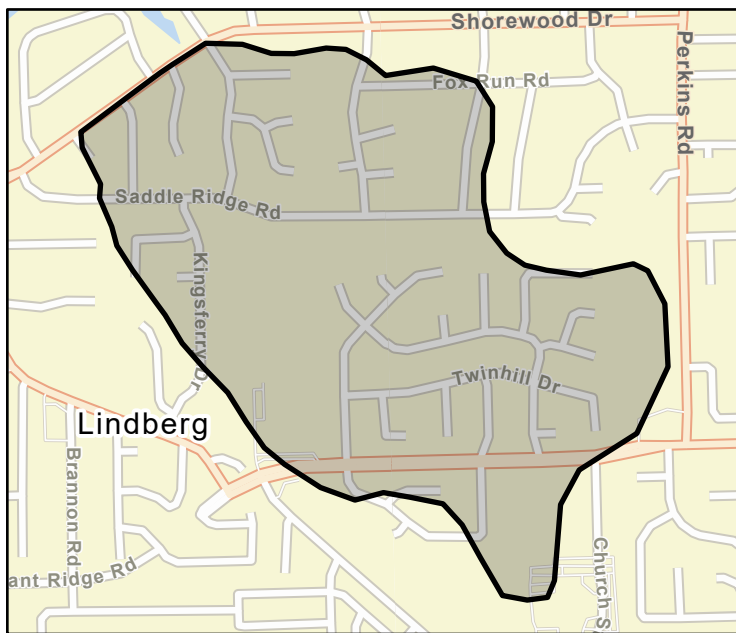
Estimated Cost and Funding Availability

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 **Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements**

ID# **031000400**

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 **Flood study improving Shorewood Drive Crossing using the fully developed condition as the effective maps.**

New Hydrologic or Hydraulic model? **Yes**

Emergency Need? **No**

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

County **Tarrant**

Watershed HUC# (if known) **120301020403,120301020405,120301020404**

Drainage area (Square miles, est.) **0**

Goal(s) **03000023, 03000024, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **3,515**

of structures **448**

Critical facilities **60**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **1**

Roadway(s) impacted (length) **46**

Number of low water crossings **0**

Historical road closures **-**

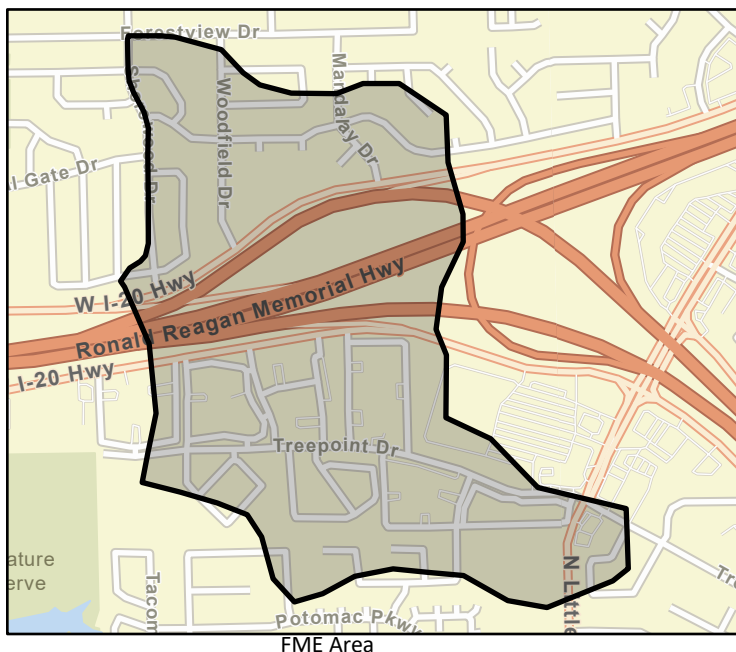
Estimated Cost and Funding Availability

Total Cost **\$250,000**

Amount of Available Funding **25,000**

Federal funding availability **Yes**

Funding source **Local, State**



Flood Management Evaluation (FME)



Title **Hulen Street/Railroad Conceptual Bridge Span Layout**

ID# **031000401**

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 assess the implementation of a 2-span, 34' wide bridge on Hulen st**

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) **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**

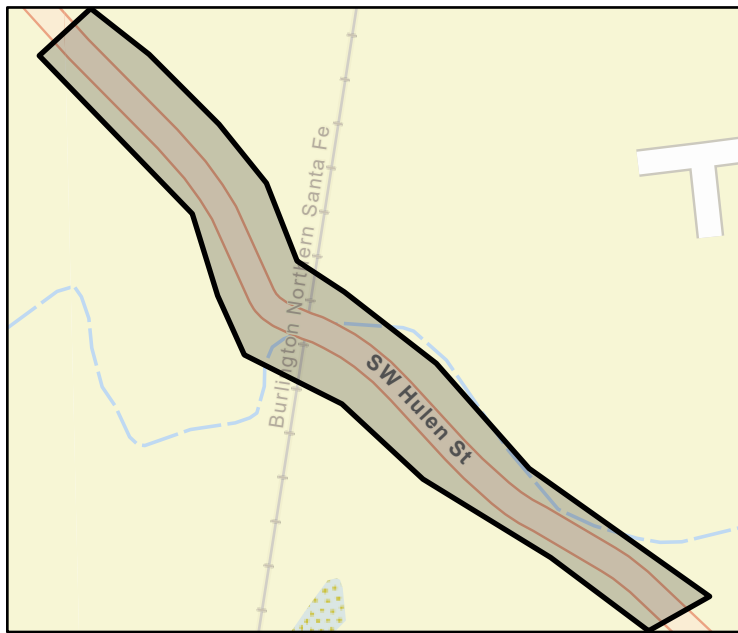
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$2,956,000** Amount of Available Funding **295,600** Federal funding availability **Yes**

Funding source **Local, State**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements**

ID# **031000402**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed storm sewer improvements along South Workman Road and South Sendero Road by upsizing existing lines and constructing additional inlets. Anticipated const. cost = \$1,285,148**

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

County **Wise** Watershed HUC# (if known) **120301010601,120301010511**

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

100-Year Flood Risk Summary

Population at risk **526** # of structures **45** Critical facilities **14**

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

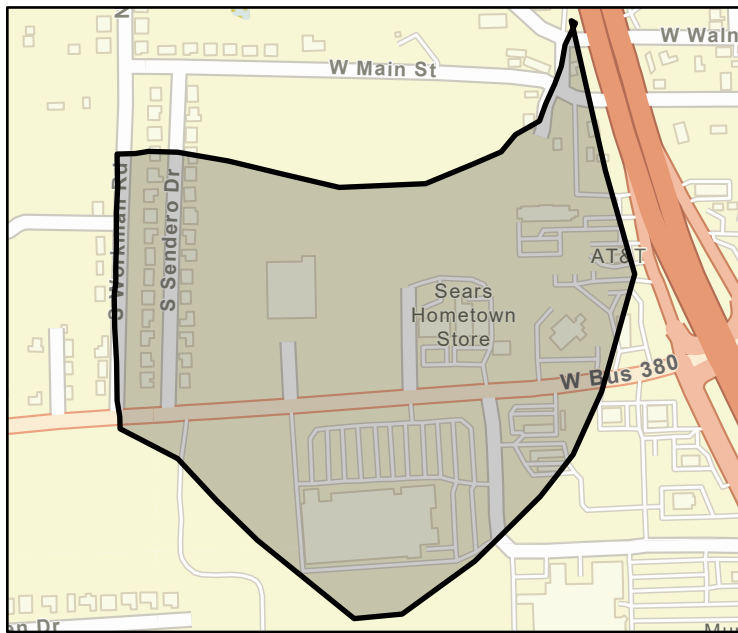
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **4**

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 **City of Decatur - S. FM 51 (West Side)**

ID# **031000403**

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

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

Study Details

Study type **Project Planning**

Study description **Proposed channel improvements along the west side of South FM-51.**

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

County **Wise** Watershed HUC# (if known) **120301010601,120301010511**

Drainage area (Square miles, est.) **0** Goal(s) **03000007, 03000008, 03000027, 03000028**

100-Year Flood Risk Summary

Population at risk **3,614** # of structures **157** Critical facilities **76**

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

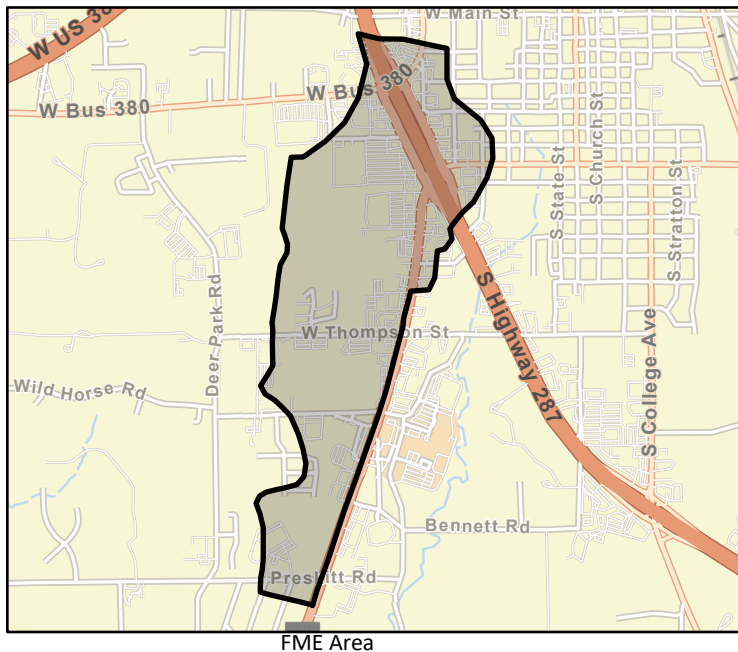
Farm/Ranch land impacted (acres) **71** Roadway(s) impacted (length) **36**

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 **Dallas County Inland Port Drainage Improvements - Creek (4B4) - UPRR**

ID# **031000404**

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 an enlarged/parallel culvert at UPRR**

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

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

Drainage area (Square miles, est.) **1** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **56** # of structures **19** Critical facilities **0**

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

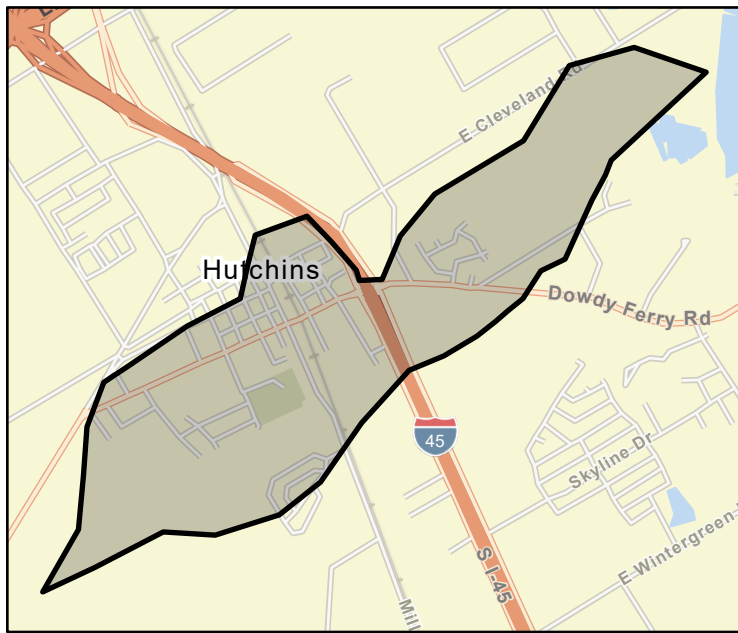
Farm/Ranch land impacted (acres) **58** Roadway(s) impacted (length) **1**

Number of low water crossings **4** 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 - Creek (4B4) - Millers Ferry Rd**

ID# **031000405**

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 an enlarged/parallel culvert at Millers Ferry Road**

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

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

Drainage area (Square miles, est.) **1** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **56** # of structures **19** Critical facilities **0**

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

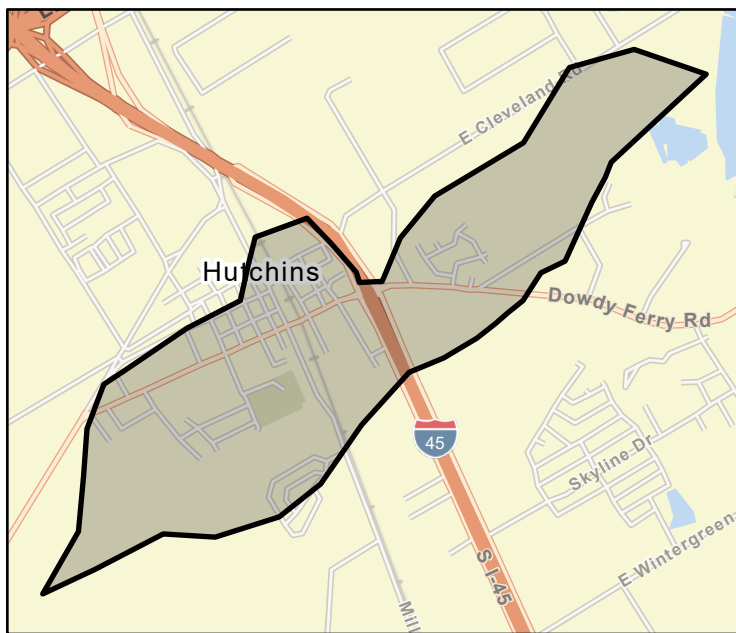
Farm/Ranch land impacted (acres) **58** Roadway(s) impacted (length) **1**

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

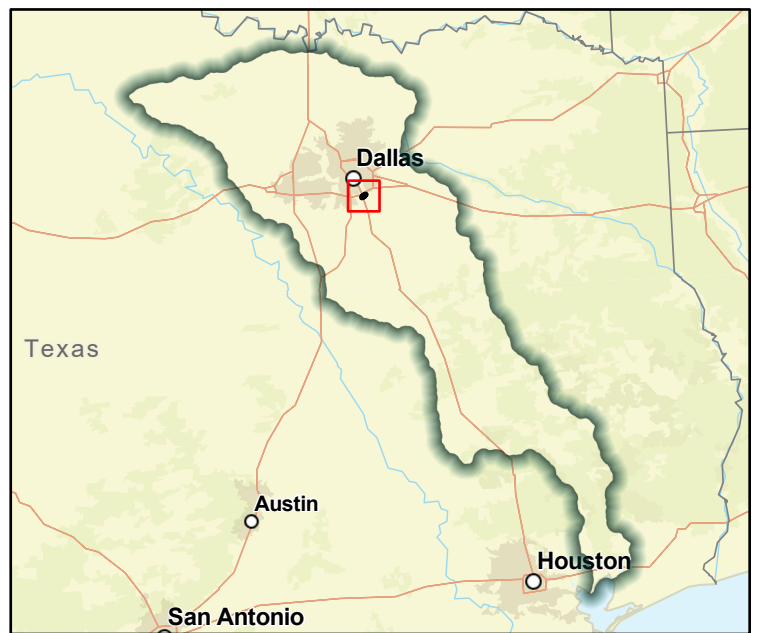
Estimated Cost and Funding Availability

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 - Creek (4B4) - Old Main St.**

ID# **031000406**

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 an enlarged/parallel culvert at Old Main St.**

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

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

Drainage area (Square miles, est.) **1** Goal(s) **03000013, 03000014, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **56** # of structures **19** Critical facilities **0**

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

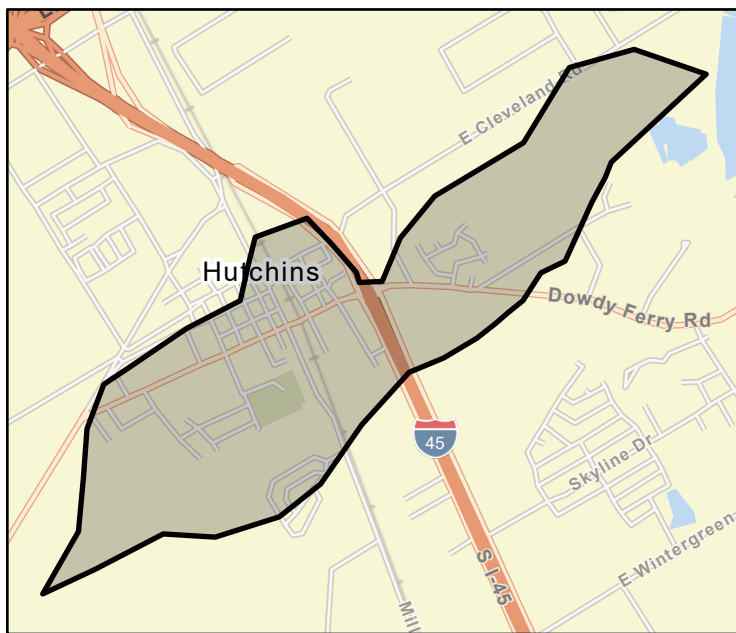
Farm/Ranch land impacted (acres) **58** Roadway(s) impacted (length) **1**

Number of low water crossings **4** 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 - Creek (4A4) - Goode Road.

ID# 031000407

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 N. Goode Road

New Hydrologic or Hydraulic model? No

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) 03000013, 03000014, 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) 48

Roadway(s) impacted (length) 1

Number of low water crossings 7

Historical road closures -

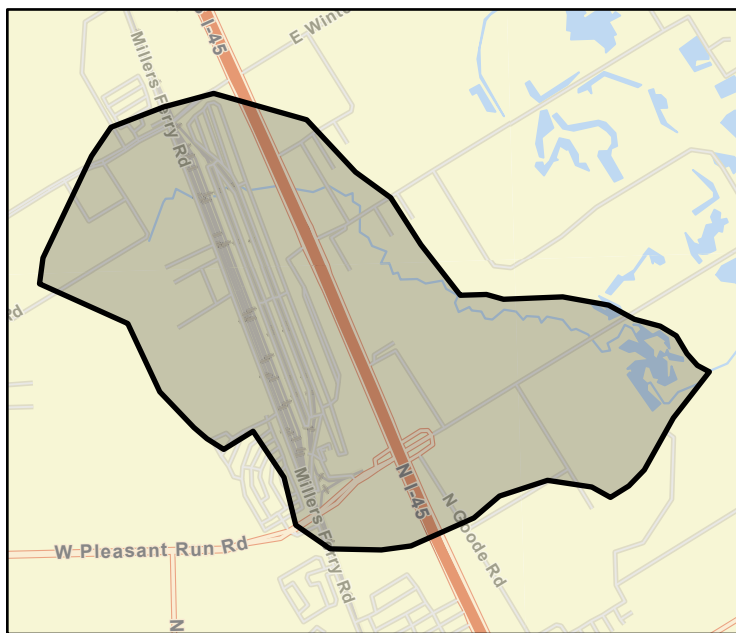
Estimated Cost and Funding Availability

Total Cost \$20,000

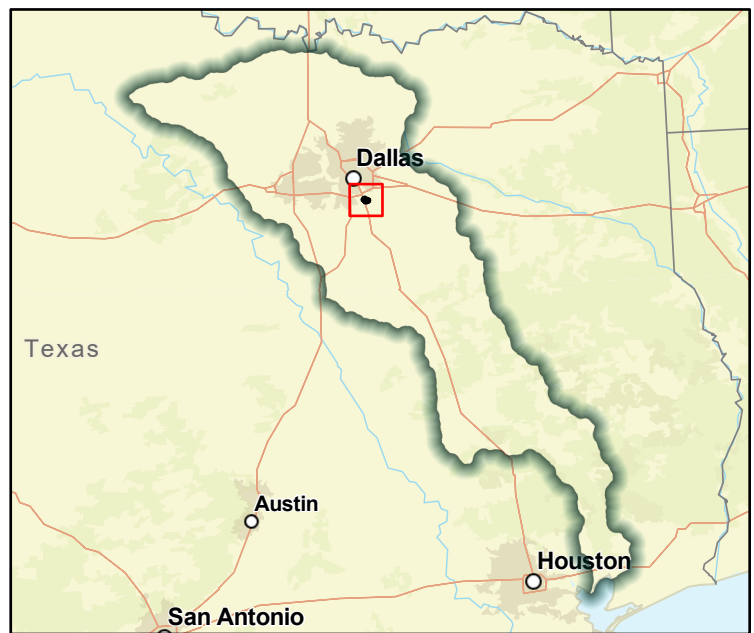
Amount of Available Funding 2,000

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 - Creek (4A4) - Fulghum Road.**

ID# **031000408**

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 Fulghum Road**

New Hydrologic or Hydraulic model? **No**

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) **03000013, 03000014, 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) **48**

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

Number of low water crossings **7**

Historical road closures **-**

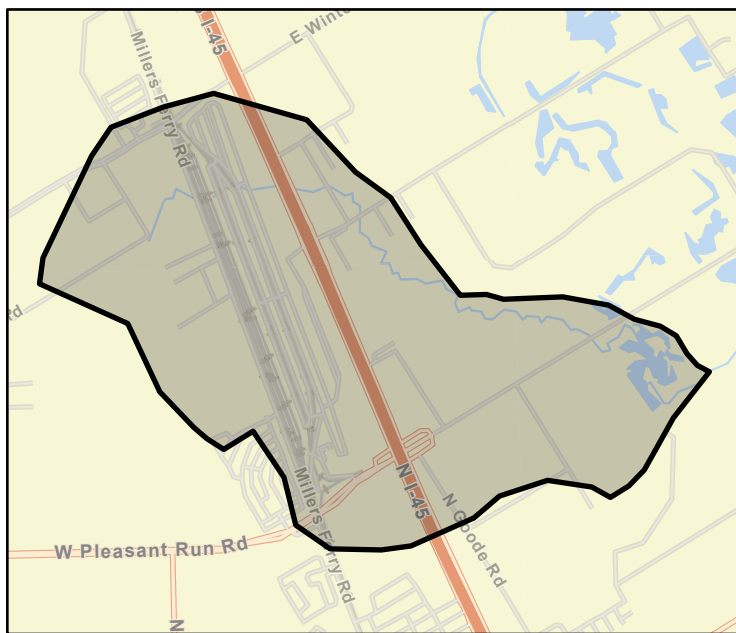
Estimated Cost and Funding Availability

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 - W Main**

ID# **031000409**

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 W Main**

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**

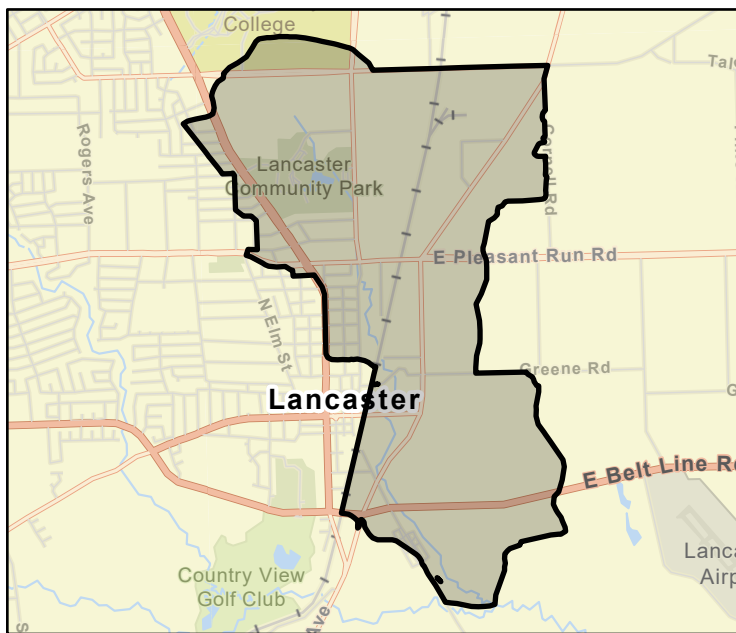
Farm/Ranch land impacted (acres) **55** Roadway(s) impacted (length) **1**

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