

Flood Management Evaluation (FME)



Title **Old 35 Sover Sampson Creek Bridge Elevation**

ID# **031000159**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to elevate bridge on Old 35 Sover Sampson Creek**

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

County **Polk** Watershed HUC# (if known) **120302021006,120302021202**

Drainage area (Square miles, est.) **5** Goal(s) **03000003, 03000004**

100-Year Flood Risk Summary

Population at risk **27** # of structures **46** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **29** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Pennington Rd Culverts

ID# 031000160

Sponsor (name of entity, not person) Goodrich

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

Study Details

Study type Project Planning

Study description Evaluate alternatives to install multiple culverts under Pennington Rd

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

County Polk Watershed HUC# (if known) 120302021006,120302021202

Drainage area (Square miles, est.) 5 Goal(s) 03000003, 03000004, 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 27 # of structures 46 Critical facilities 1

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

Farm/Ranch land impacted (acres) 29 Roadway(s) impacted (length) 0

Number of low water crossings 1 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$100,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Seven Oaks Culvert Installation**

ID# **031000161**

Sponsor (name of entity, not person) **Seven Oaks**

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

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to install multiple new culverts under Camp Rd, Pickens Loop, and Franklin Rd**

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

County **Polk** Watershed HUC# (if known) **120302021003,120200060101,120302021001**

Drainage area (Square miles, est.) **8** Goal(s) **03000003, 03000004, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **10** # of structures **6** Critical facilities **0**

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

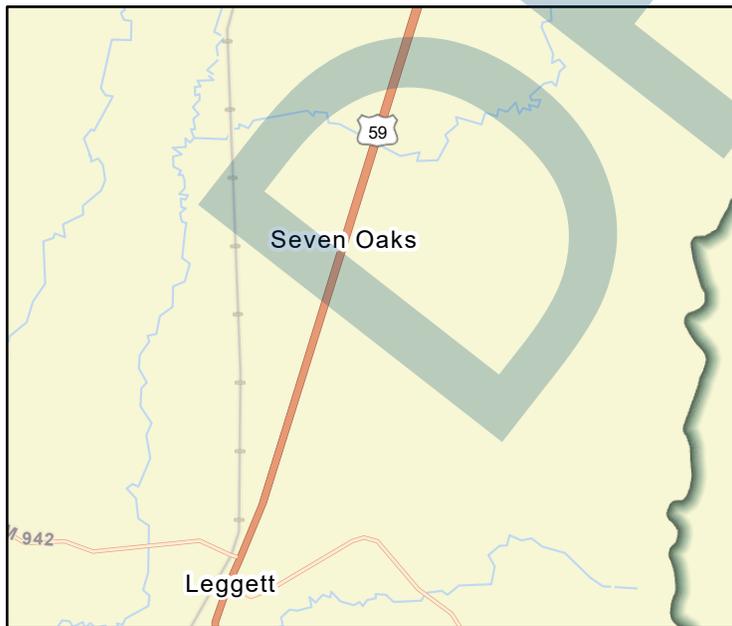
Farm/Ranch land impacted (acres) **552** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title San Jacinto County Drainage and Conveyance Capacity Improvements

ID# 031000162

Sponsor (name of entity, not person) Shepherd, San Jacinto County

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

Study Details

Study type Project Planning

Study description Evaluate alternatives to improve drainage and conveyance capacity for Big Creek.

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

County San Jacinto Watershed HUC# (if known) 120301020607,120301020706,120301020705

Drainage area (Square miles, est.) 626 Goal(s) 03000029, 03000030

100-Year Flood Risk Summary

Population at risk 3,161 # of structures 2,637 Critical facilities 19

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

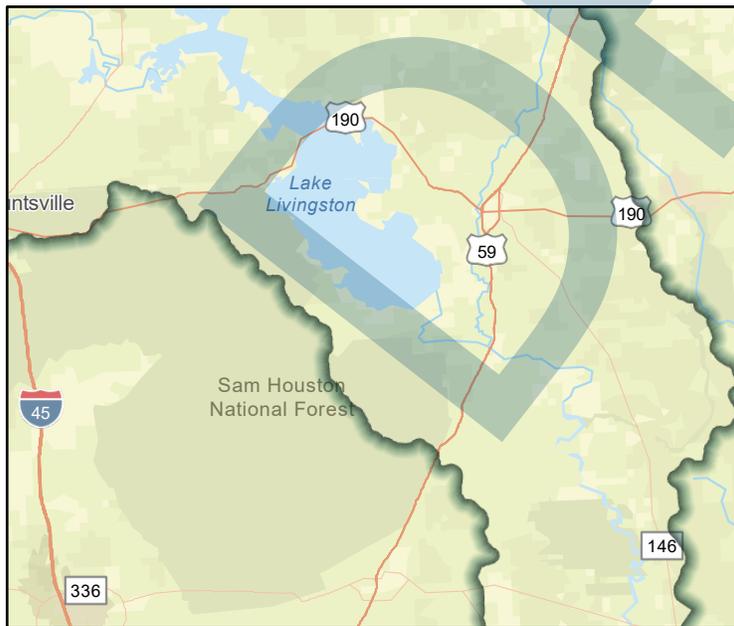
Farm/Ranch land impacted (acres) 11,299 Roadway(s) impacted (length) 83

Number of low water crossings 1 Historical road closures -

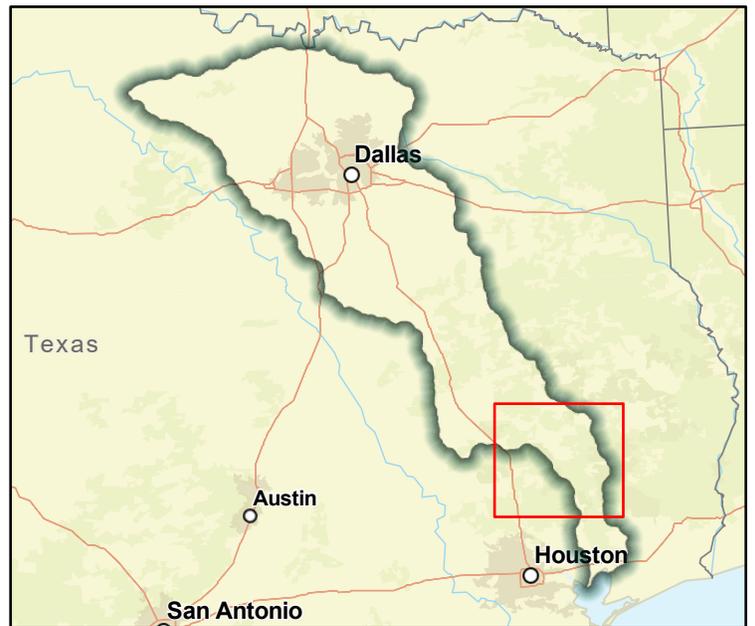
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Rock Creek Road Improvements**

ID# **031000163**

Sponsor (name of entity, not person) **San Jacinto County, Shepherd**

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

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to mitigate repetitive damages to Rocky Creek Rd sustained between 2015 - Present**

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

County **San Jacinto** Watershed HUC# (if known) **120302021105,120401030307**

Drainage area (Square miles, est.) **4** Goal(s) **03000003, 03000004, 03000029, 03000030**

100-Year Flood Risk Summary

Population at risk **39** # of structures **32** Critical facilities **0**

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

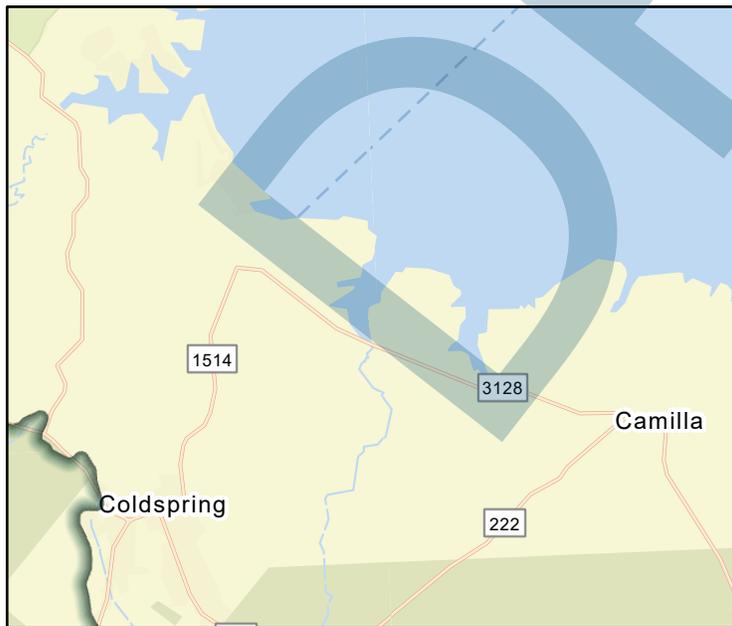
Farm/Ranch land impacted (acres) **17** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Chipmunk Rd Culverts Replacement**

ID# **031000164**

Sponsor (name of entity, not person) **San Jacinto County, Shepherd**

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

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to replace Chipmunk Rd culverts with a bridge**

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

County **San Jacinto** Watershed HUC# (if known) **120302030101,120302021207**

Drainage area (Square miles, est.) **4** Goal(s) **03000003, 03000004, 03000029, 03000030**

100-Year Flood Risk Summary

Population at risk **7** # of structures **8** Critical facilities **0**

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

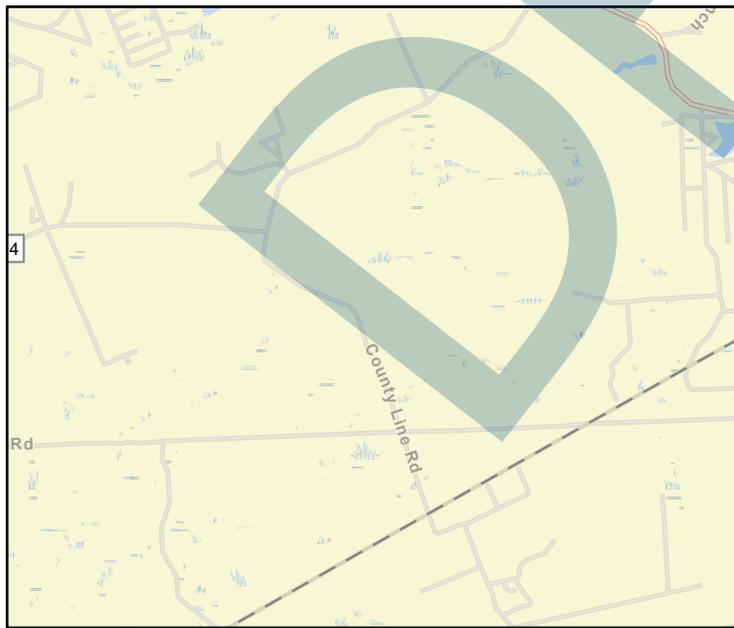
Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Comanche Drive Culvert and Retention Wall Construction Feasibility Assessment

ID# 031000165

Sponsor (name of entity, not person) Lake Worth

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

Study Details

Study type Project Planning

Study description Evaluate feasibility for building a larger culvert and retention wall for watershed over low crossing on Comanche Drive

New Hydrologic or Hydraulic model? -

Emergency Need? No

Existing/Anticipated models in near term? -

County Tarrant

Watershed HUC# (if known) 120301020105,120301020501,120301020104,120301020101

Drainage area (Square miles, est.) 10

Goal(s) 03000003, 03000004

100-Year Flood Risk Summary

Population at risk 416

of structures 294

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 63

Roadway(s) impacted (length) 4

Number of low water crossings 0

Historical road closures -

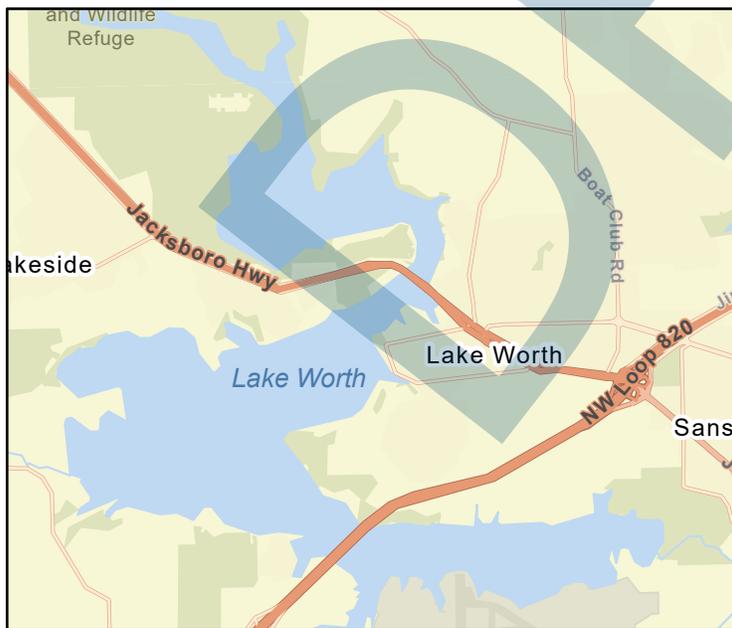
Estimated Cost and Funding Availability

Total Cost \$60,000

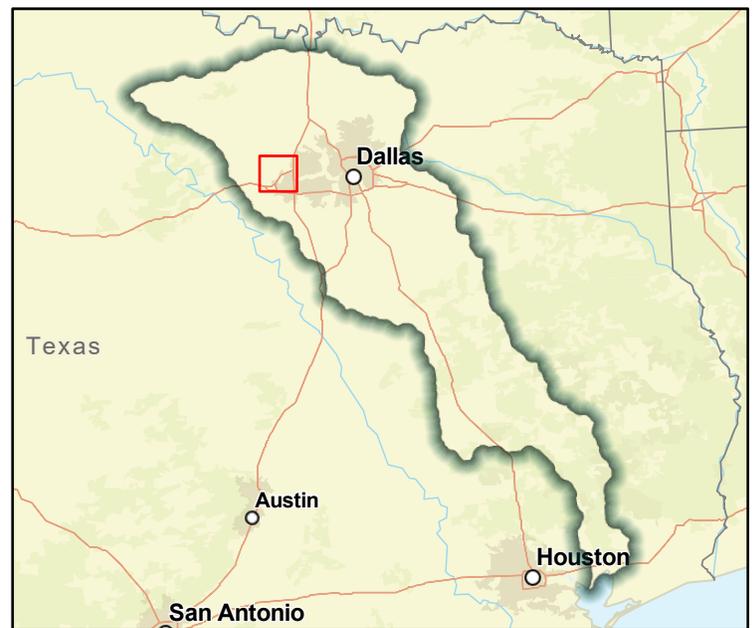
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lower Hardisty Storm Drain Improvements

ID# 031000167

Sponsor (name of entity, not person) Richland Hills

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

Study Details

Study type Project Planning

Study description Evaluate alternatives for storm drain improvements

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

County Tarrant Watershed HUC# (if known) 120301020504,120301020506,120301020704,120301020505,120301020

Drainage area (Square miles, est.) 15 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 4,781 # of structures 933 Critical facilities 7

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

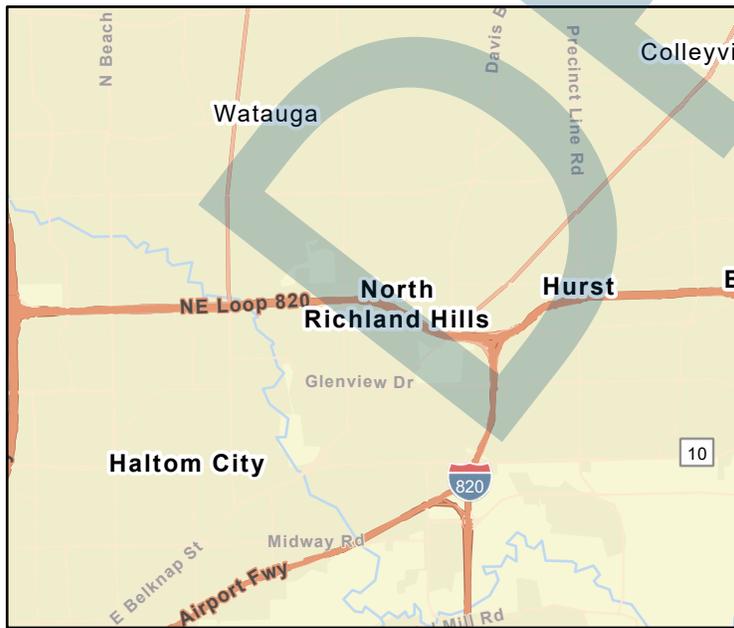
Farm/Ranch land impacted (acres) 37 Roadway(s) impacted (length) 21

Number of low water crossings 30 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$125,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Big Bear Creek, Little Bear Creek, and Marshall Branch Stream Bank Erosion Study**

ID# **031000168**

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

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 stream bank erosion impacts along Big Bear Creek, Little Bear Creek, and Marshall Branch to improve drainage within the City of Keller**

New Hydrologic or Hydraulic model? **-**

Emergency Need? **No**

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

County **Denton, Montague, Tarrant, Wise**

Watershed HUC# (if known) **120301020504, 120301020506, 120301020704, 120301020505, 120301020**

Drainage area (Square miles, est.) **735**

Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **8,089**

of structures **1,369**

Critical facilities **31**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **28,754**

Roadway(s) impacted (length) **91**

Number of low water crossings **98**

Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$50,000**

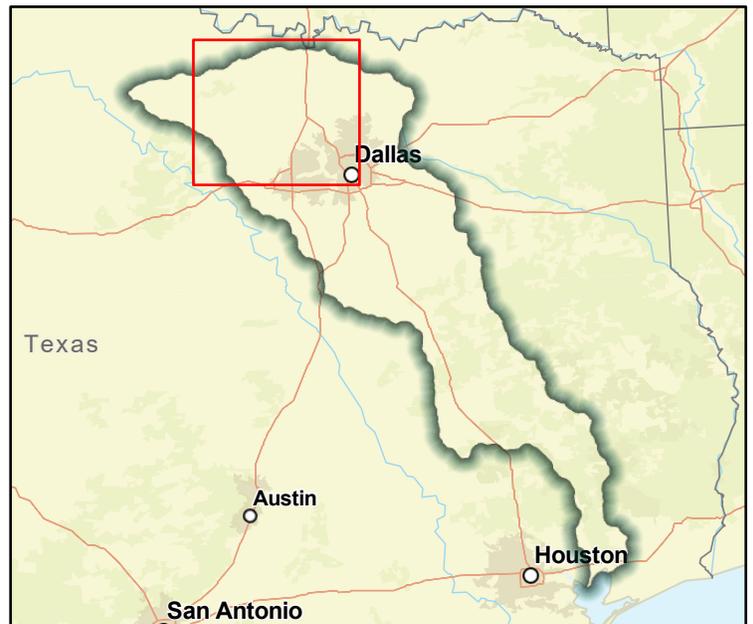
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Calloway Branch Erosion Control Study

ID# 031000169

Sponsor (name of entity, not person) Hurst

RFPG recommend? Yes Reason for Recommendation Still pending formal vote.

Study Details

Study type Project Planning

Study description Evaluate erosion control measures in Calloway Branch to eliminate erosion of stream bank.

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

County Tarrant Watershed HUC# (if known) 120301020506,120301020704,120301020505,120301020701,120301020

Drainage area (Square miles, est.) 28 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 3,457 # of structures 584 Critical facilities 3

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

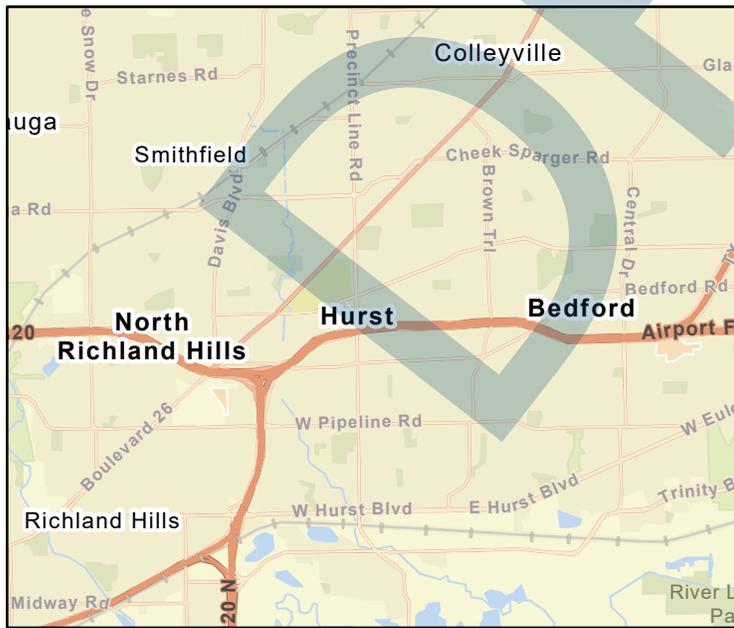
Farm/Ranch land impacted (acres) 335 Roadway(s) impacted (length) 22

Number of low water crossings 32 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Mansfield Stream Stabilization Study**

ID# **031000170**

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

RFPG recommend? **Yes** Reason for Recommendation **Still pending formal vote.**

Study Details

Study type **Project Planning**

Study description **Design alternatives to protect public infrastructure and private property from damages due to streambank erosion. Alternatives could include Saddlehorn/Walnut Creek sewer interceptor aerial crossing and Brookfield Hogpen sewer interceptor**

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

County **Tarrant** Watershed HUC# (if known) **120301020603,120301020601,120301020604,120301020605,120301020**

Drainage area (Square miles, est.) **36** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **2,492** # of structures **422** Critical facilities **4**

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

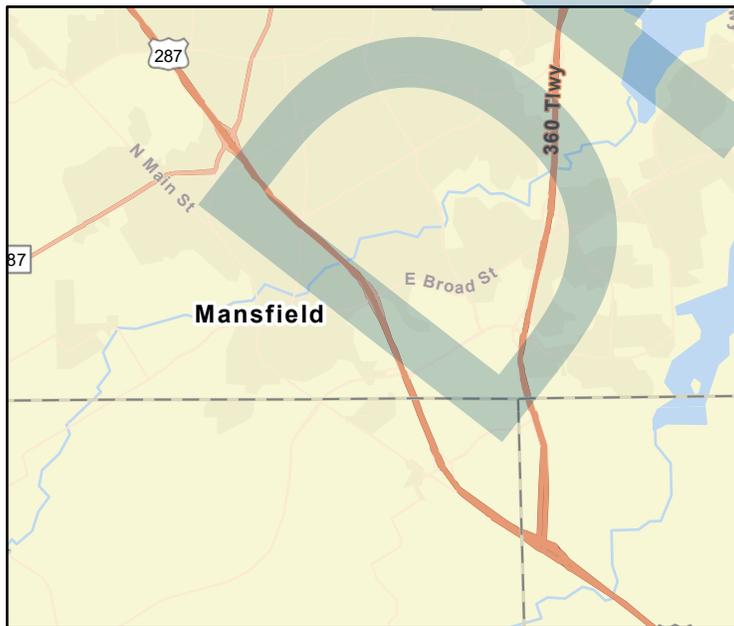
Farm/Ranch land impacted (acres) **779** Roadway(s) impacted (length) **30**

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

Estimated Cost and Funding Availability

Total Cost **\$182,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Turkey Creek Trail Bridge

ID# 031000171

Sponsor (name of entity, not person) Bridgeport

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

Study Details

Study type Project Planning

Study description Evaluate alternatives to construct Bridge at Low-Water Crossing on Turkey Creek Trail.

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

County Wise Watershed HUC# (if known) 120301010410,120301010411

Drainage area (Square miles, est.) 5 Goal(s) 03000003, 03000004

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 1

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

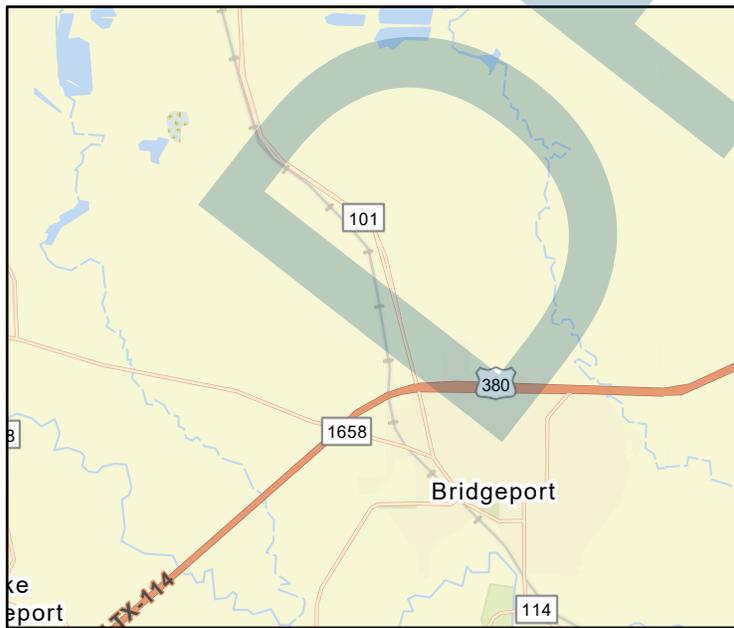
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 4

Number of low water crossings 1 Historical road closures -

Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Turkey Creek Trail Rebuild

ID# 031000172

Sponsor (name of entity, not person) Bridgeport

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

Study Details

Study type Project Planning

Study description Evaluate alternatives to rebuild Turkey Creek Trail from 9th Street to State Highway 114.

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

County Wise Watershed HUC# (if known) 120301010410,120301010411

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

100-Year Flood Risk Summary

Population at risk 275 # of structures 91 Critical facilities 1

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

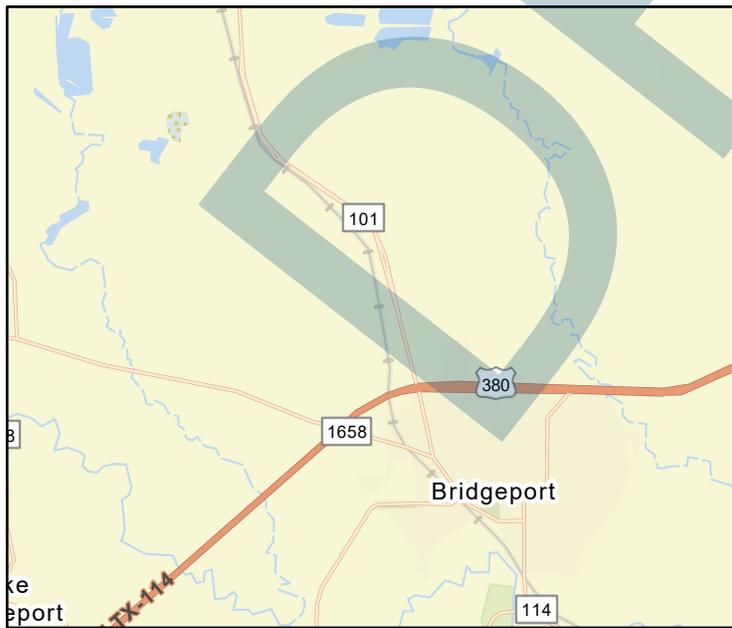
Farm/Ranch land impacted (acres) 168 Roadway(s) impacted (length) 4

Number of low water crossings 1 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$63,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **West Bridgeport Creek Channelization and Drainage Project**

ID# **031000173**

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

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

Study Details

Study type **Project Planning**

Study description **West Bridgeport Creek Channelization and Drainage Project Feasibility Assessment.**

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

County **Wise** Watershed HUC# (if known) **120301010404,120301010405,120301010410,120301010411,120301010**

Drainage area (Square miles, est.) **28** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **308** # of structures **121** Critical facilities **2**

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

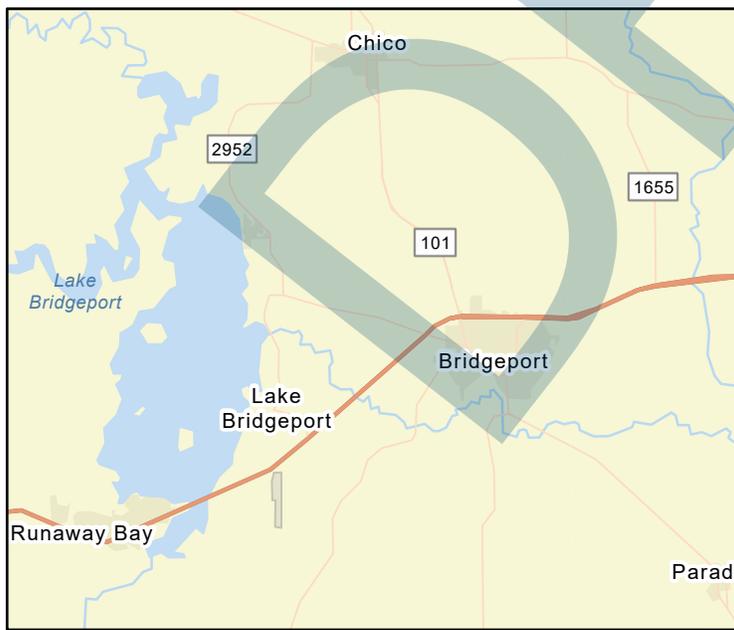
Farm/Ranch land impacted (acres) **2,778** Roadway(s) impacted (length) **7**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title North Weatherford St and Oakwood St Structure Improvements

ID# 031000174

Sponsor (name of entity, not person) Chico

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

Study Details

Study type Project Planning

Study description Structure improvements assessment - North Weatherford St in front of fire station and Oakwood St between Granada and El Camino.

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

County Wise Watershed HUC# (if known) 120301010404,120301010410,120301010411,120301010508

Drainage area (Square miles, est.) 6 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 35 # of structures 30 Critical facilities 2

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

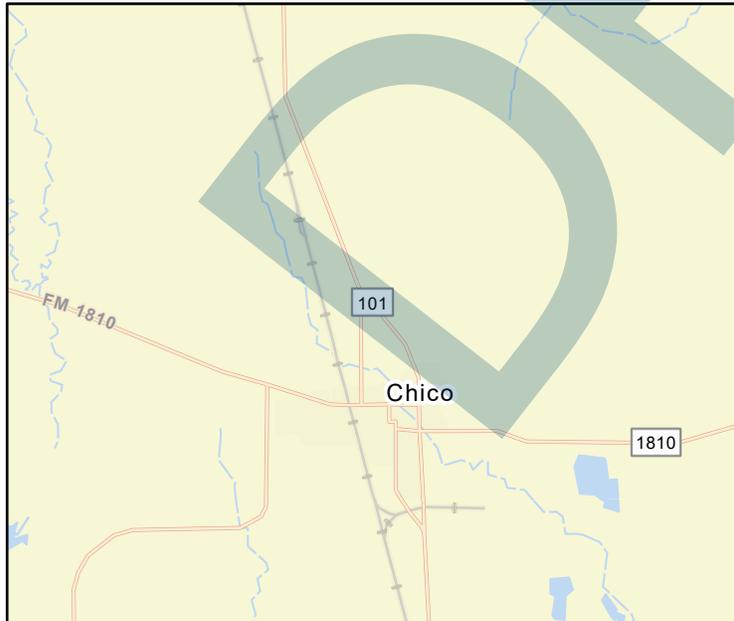
Farm/Ranch land impacted (acres) 303 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$200,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hurstview Drive Bridge Improvement**

ID# **031000175**

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

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

Study Details

Study type **Project Planning**

Study description **Lorean watershed; \$390,000 cost estimate; from 2013 study**

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

County **Tarrant** Watershed HUC# (if known) **120301020704,120301020505**

Drainage area (Square miles, est.) **4** Goal(s) **03000003, 03000004, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **189** # of structures **68** Critical facilities **1**

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

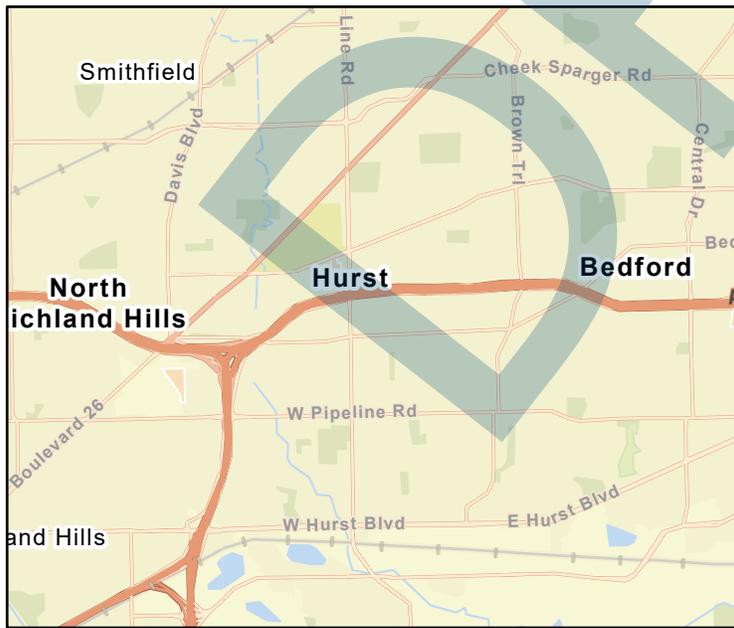
Farm/Ranch land impacted (acres) **16** Roadway(s) impacted (length) **3**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title **Regional Detention at Mayfair Park**

ID# **031000176**

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

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

Study Details

Study type **Project Planning**

Study description **Valley View watershed; \$1,900,000 cost estimate; from 2017 study**

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

County **Tarrant** Watershed HUC# (if known) **120301020704,120301020505**

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

100-Year Flood Risk Summary

Population at risk **1,199** # of structures **189** Critical facilities **1**

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

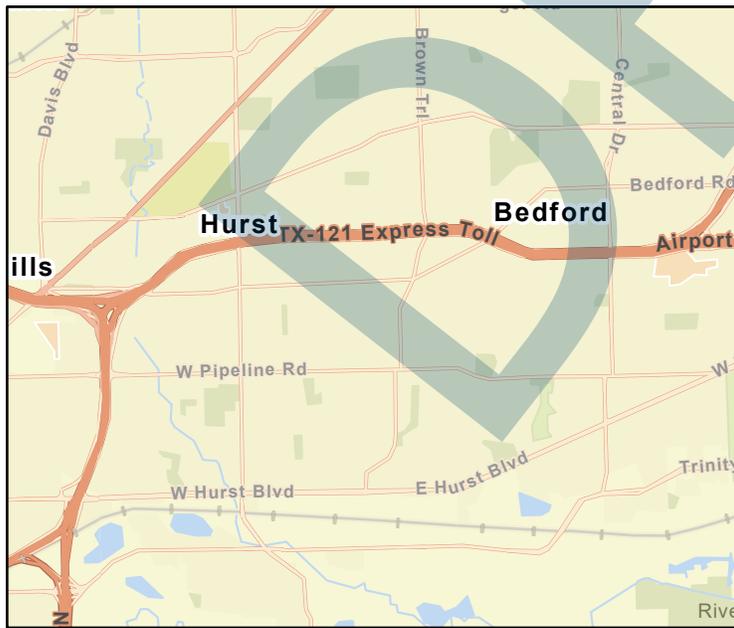
Farm/Ranch land impacted (acres) **9** Roadway(s) impacted (length) **5**

Number of low water crossings **13** Historical road closures **-**

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title TRE & SH-10 Culvert Improvements
 ID# 031000177
 Sponsor (name of entity, not person) Hurst
 RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

Study Details

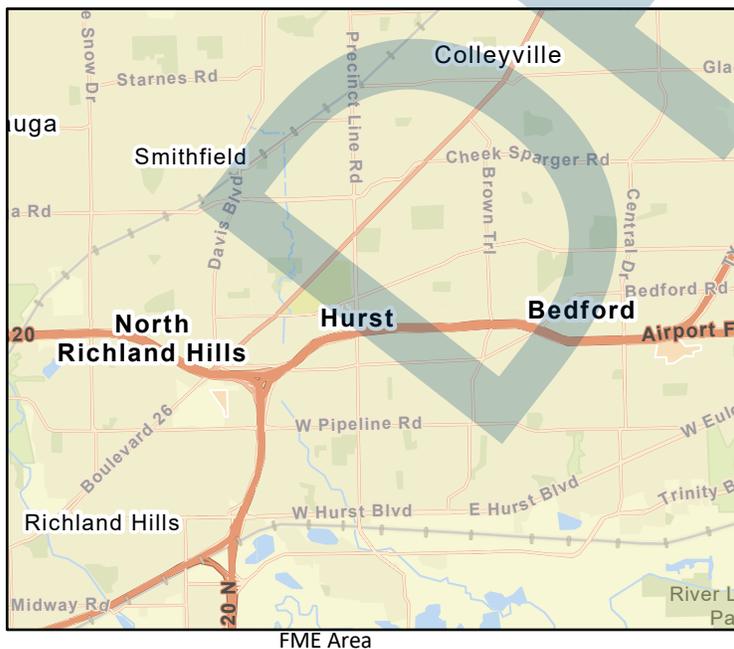
Study type Project Planning
 Study description Valley View watershed; \$750,000 cost estimate; from 2017 study
 New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -
 County Tarrant Watershed HUC# (if known) 120301020506,120301020704,120301020505,120301020701,120301020
 Drainage area (Square miles, est.) 28 Goal(s) 03000003, 03000004, 03000009, 03000010, 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 3,457 # of structures 584 Critical facilities 3
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 335 Roadway(s) impacted (length) 22
 Number of low water crossings 32 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -
 Funding source -



Flood Management Evaluation (FME)



Title Pipeline Road Bridge Improvement

ID# 031000178

Sponsor (name of entity, not person) Hurst

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

Study Details

Study type Project Planning

Study description Walker watershed; \$1,700,000 cost estimate; from 2020 study

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

County Tarrant Watershed HUC# (if known) 120301020506,120301020704,120301020505,120301020701,120301020

Drainage area (Square miles, est.) 28 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 3,457 # of structures 584 Critical facilities 3

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

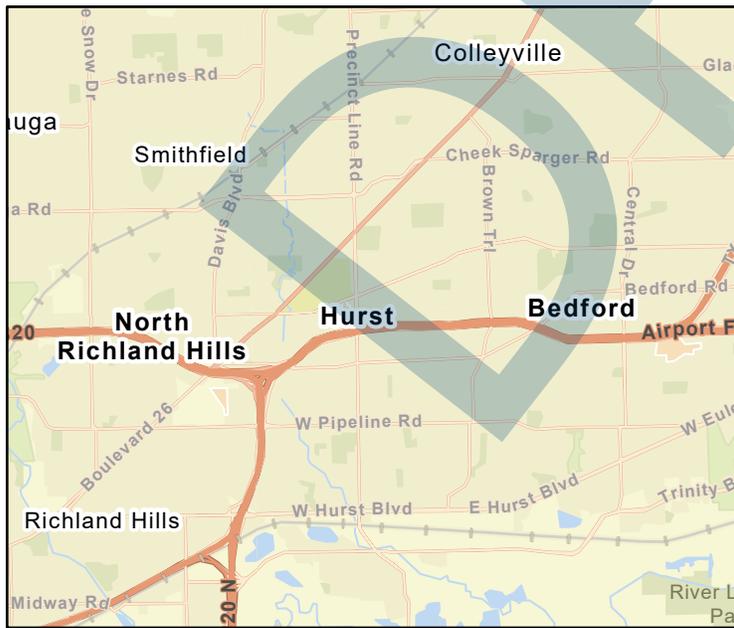
Farm/Ranch land impacted (acres) 335 Roadway(s) impacted (length) 22

Number of low water crossings 32 Historical road closures -

Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Redbud Drive Bridge Improvement**

ID# **031000179**

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

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

Study Details

Study type **Project Planning**

Study description **Walker watershed; \$1,200,000 cost estimate; from 2020 study**

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

County **Tarrant** Watershed HUC# (if known) **120301020704,120301020505**

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

100-Year Flood Risk Summary

Population at risk **189** # of structures **68** Critical facilities **1**

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

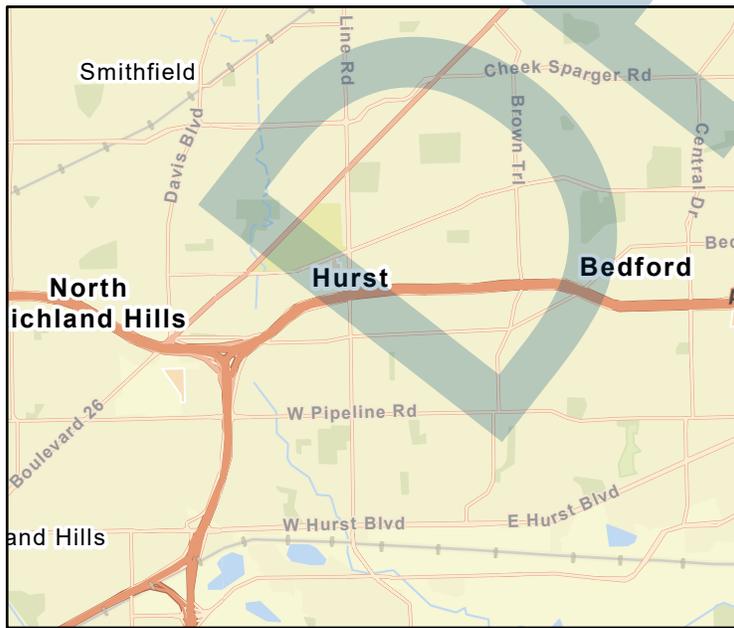
Farm/Ranch land impacted (acres) **16** Roadway(s) impacted (length) **3**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Northeast Mall Culvert Improvement**

ID# **031000180**

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

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

Study Details

Study type **Project Planning**

Study description **Walker watershed; \$11,600,000 cost estimate; from 2020 study**

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

County **Tarrant** Watershed HUC# (if known) **120301020704,120301020505**

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

100-Year Flood Risk Summary

Population at risk **380** # of structures **91** Critical facilities **0**

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

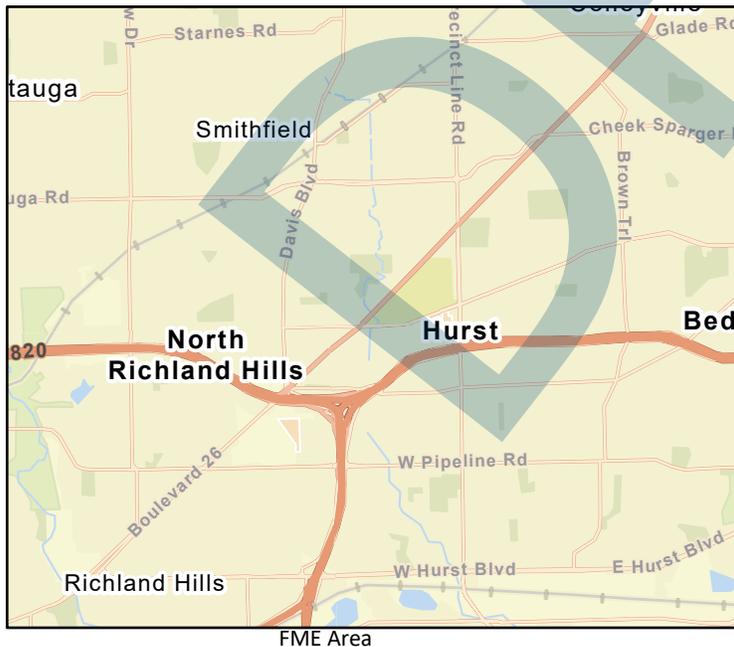
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **2**

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

Estimated Cost and Funding Availability

Total Cost **\$582,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



Flood Management Evaluation (FME)



Title **Grand Parkway Culvert Crossing**

ID# **031000181**

Sponsor (name of entity, not person) **Mont Belvieu**

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

Study Details

Study type **Project Planning**

Study description **Evaluate alternatives to upsize cross-culverts to allow for developed flow**

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

County **Chambers** Watershed HUC# (if known) **120402030105,120302030307,120402030106,120402030200,120302030**

Drainage area (Square miles, est.) **9** Goal(s) **03000003, 03000004, 03000009, 03000010, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **358** # of structures **209** Critical facilities **3**

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

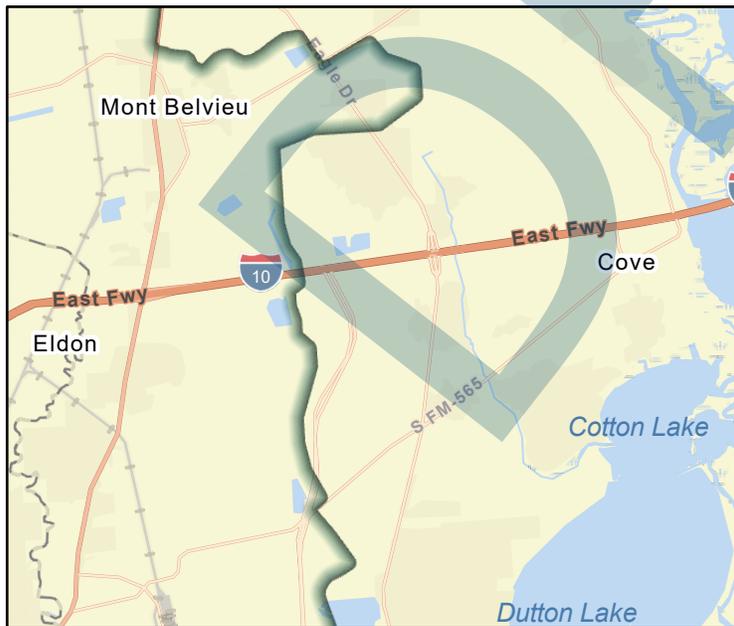
Farm/Ranch land impacted (acres) **742** Roadway(s) impacted (length) **4**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title **Cherry Point Gully PER**

ID# **031000182**

Sponsor (name of entity, not person) **Mont Belvieu**

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

Study Details

Study type **Project Planning**
Study description **Evaluate alternatives to construct a diversion channel; channel improvements upstream of diversion; construction of regional detention basins as alternative to diversion channel construction**

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

County **Chambers** Watershed HUC# (if known) **120402030105,120302030304,120402030104**

Drainage area (Square miles, est.) **6** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **557** # of structures **252** Critical facilities **1**

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

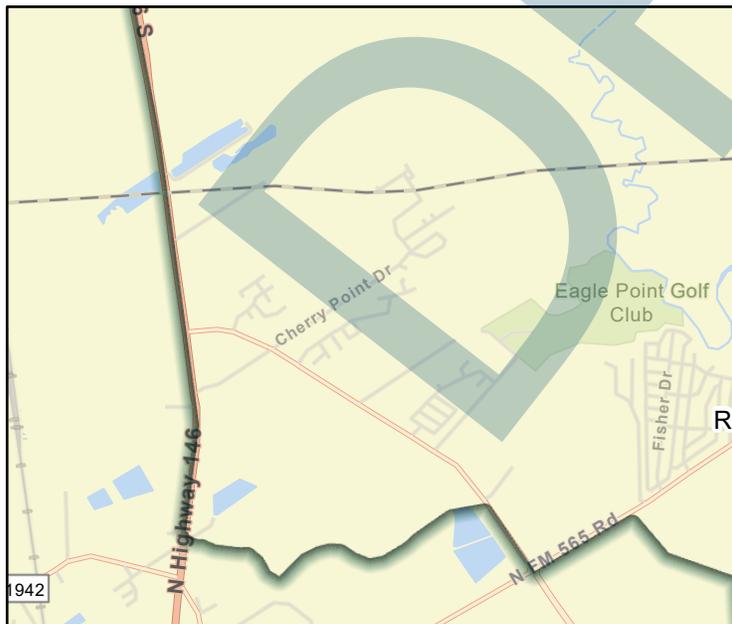
Farm/Ranch land impacted (acres) **755** Roadway(s) impacted (length) **4**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Cotton Bayou PER

ID# 031000183

Sponsor (name of entity, not person) Mont Belvieu

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

Study Details

Study type Project Planning

Study description Evaluate alternatives to construct diversion channel within irrigation canal ROW to drain to Old River; construction of detention basins to serve new development; linear detention through channel improvements; expand existing detention basins

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

County Chambers Watershed HUC# (if known) 120402030105,120302030307,120402030106,120402030200,120302030

Drainage area (Square miles, est.) 25 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 3,070 # of structures 645 Critical facilities 13

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

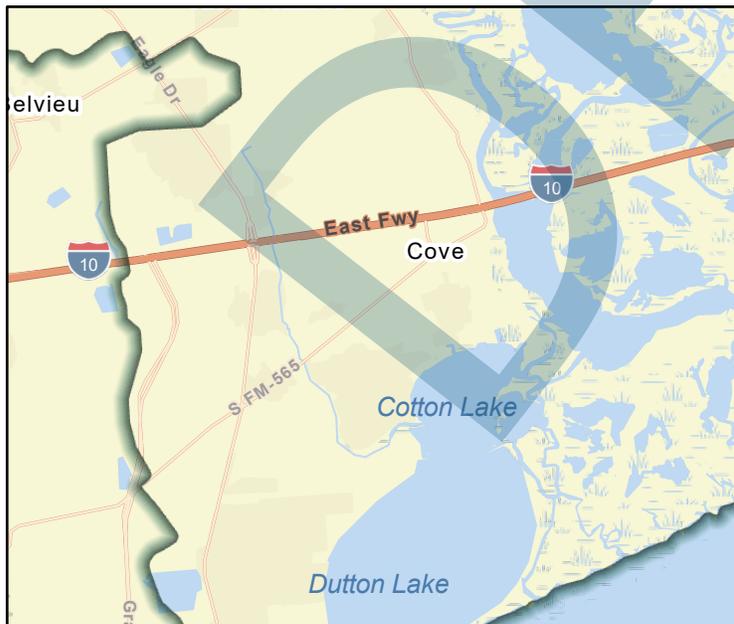
Farm/Ranch land impacted (acres) 749 Roadway(s) impacted (length) 14

Number of low water crossings 2 Historical road closures -

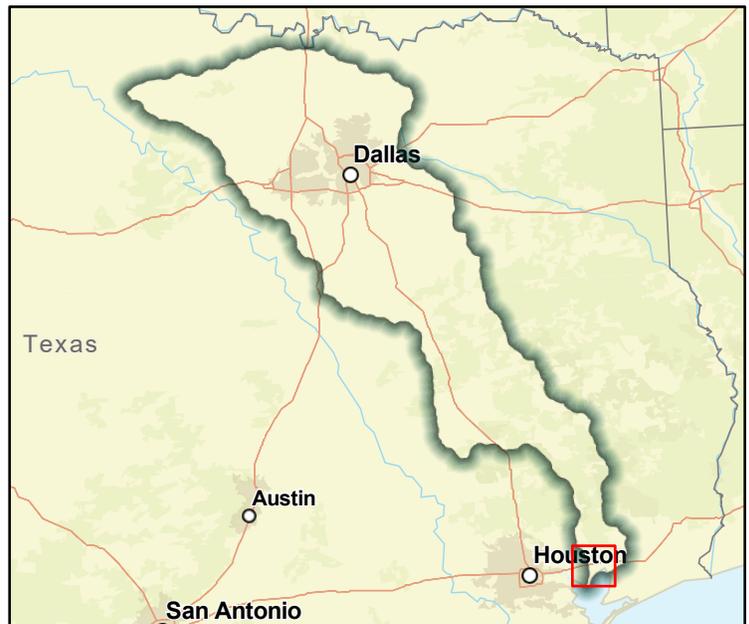
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Belt Line Rd (FM1382) at Cottonwood Creek**

ID# **031000184**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; \$4,502,500**

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

County **Dallas,Tarrant** Watershed HUC# (if known) **120301020606,120301020607,120301020706,120301020702**

Drainage area (Square miles, est.) **13** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **890** # of structures **122** Critical facilities **1**

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

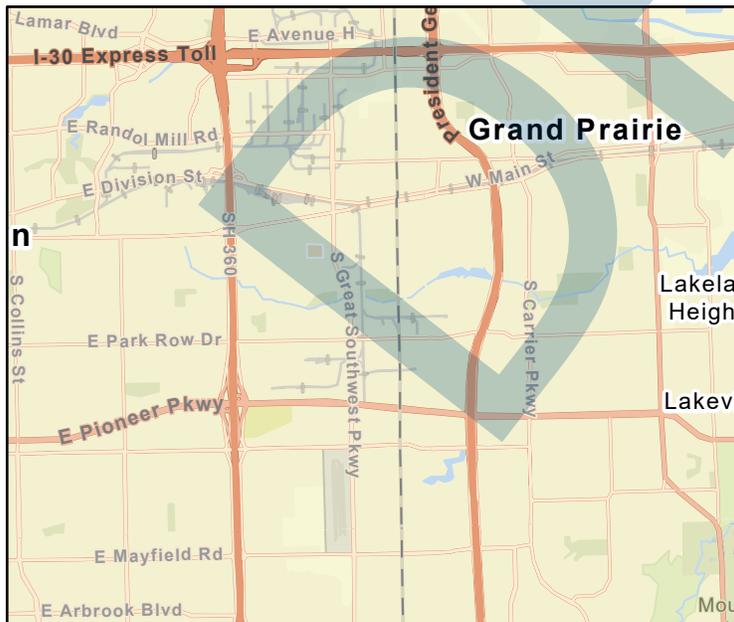
Farm/Ranch land impacted (acres) **32** Roadway(s) impacted (length) **6**

Number of low water crossings **12** Historical road closures **-**

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title North Grand Prairie High School Pond Crossing

ID# 031000185

Sponsor (name of entity, not person) Grand Prairie

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

Study Details

Study type Project Planning

Study description Study update - Gopher Creek 430 feet north of Small Hill St; channel improvements; \$159,500

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

County Dallas Watershed HUC# (if known) 120301020607,120301020706,120301020705

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

100-Year Flood Risk Summary

Population at risk 1,107 # of structures 18 Critical facilities 0

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

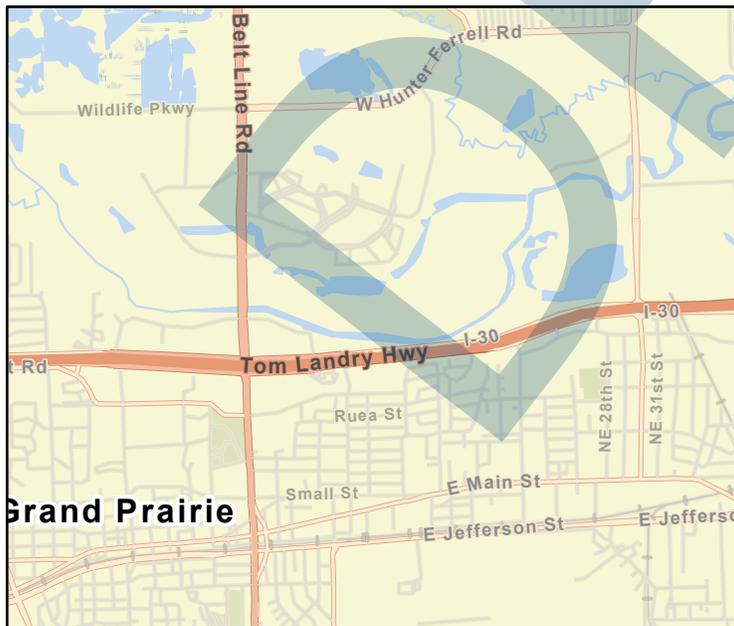
Farm/Ranch land impacted (acres) 161 Roadway(s) impacted (length) 3

Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Belt Line Rd at Plattner Creek**

ID# **031000186**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; \$435,500**

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

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

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

100-Year Flood Risk Summary

Population at risk **23** # of structures **4** Critical facilities **0**

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

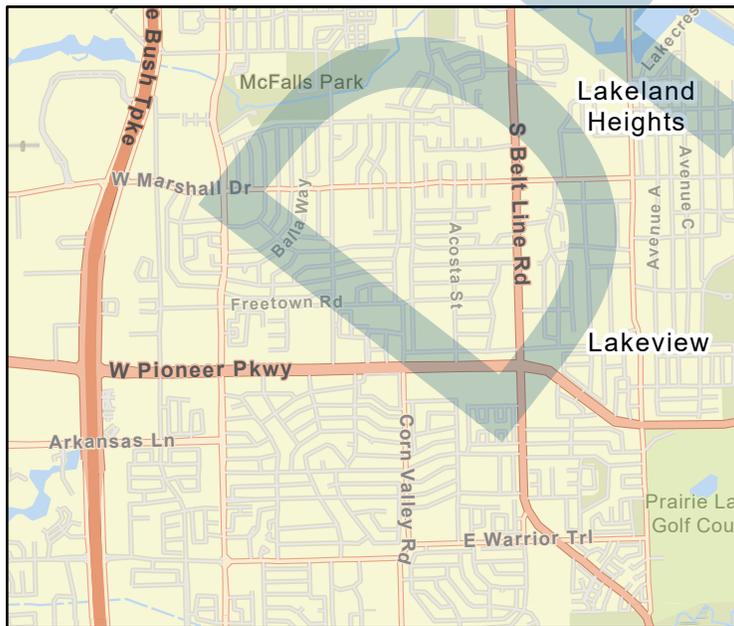
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **0**

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

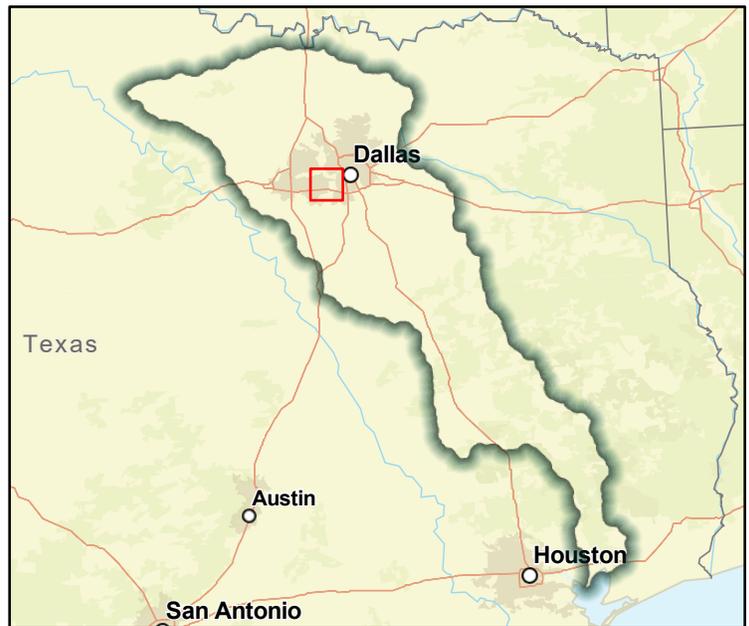
Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Small Hill St at Gopher Creek**

ID# **031000187**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; \$307,700**

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

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

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

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **0**

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

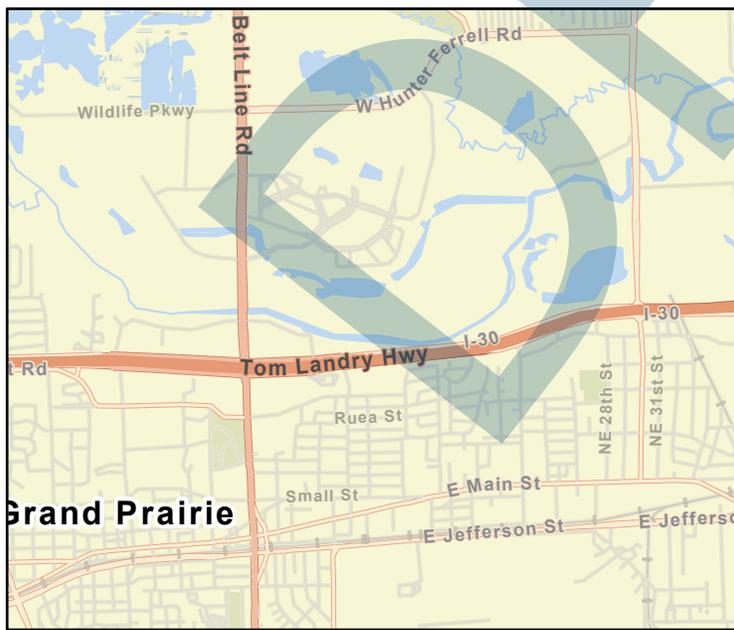
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Carrier Parkway at Dalworth Creek**

ID# **031000188**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - 190 feet southeast of Capetown; Channel Improvements; \$1,092,000**

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

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020702**

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

100-Year Flood Risk Summary

Population at risk **112** # of structures **30** Critical facilities **0**

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

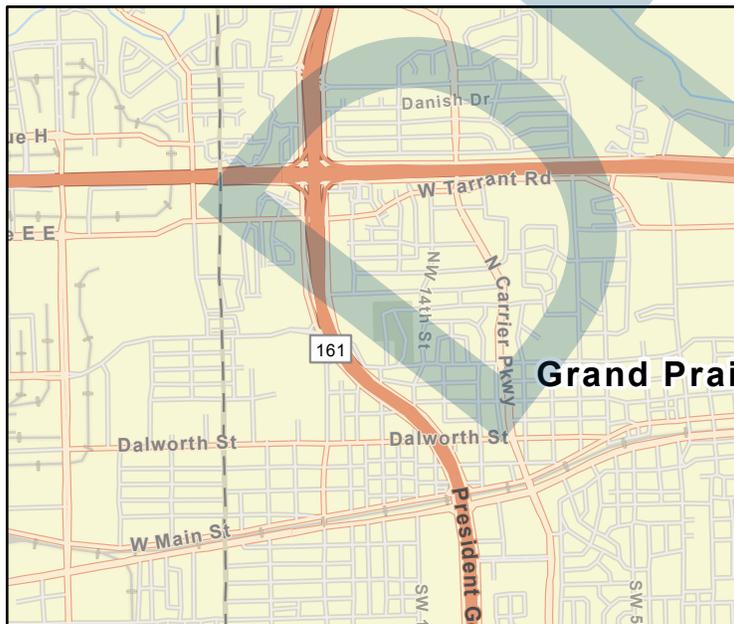
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title East Tarrant Rd at Gopher Creek
ID# 031000189
Sponsor (name of entity, not person) Grand Prairie
RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

Study Details

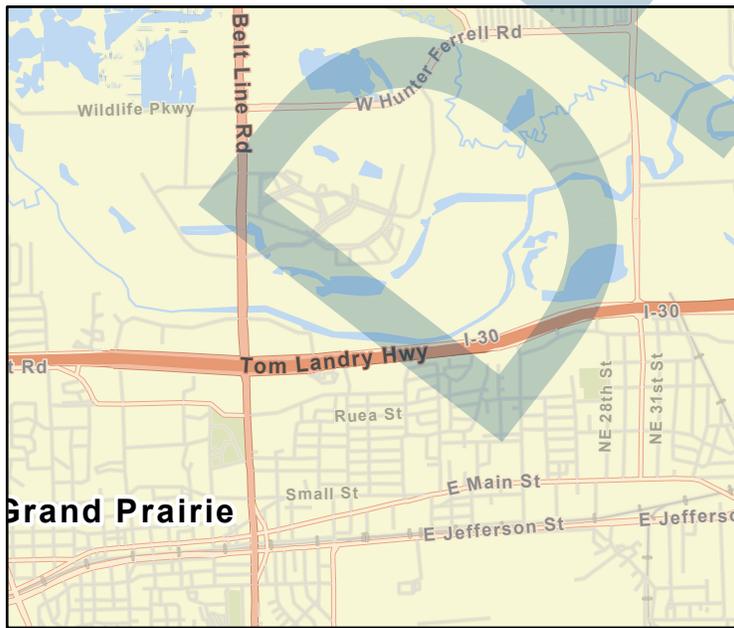
Study type Project Planning
Study description Study update - Channel Improvements; \$381,300
New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -
County Dallas Watershed HUC# (if known) 120301020607,120301020706,120301020705
Drainage area (Square miles, est.) 4 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 1,107 # of structures 18 Critical facilities 0
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
Farm/Ranch land impacted (acres) 161 Roadway(s) impacted (length) 3
Number of low water crossings 0 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability -
Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **NE 5th St at Gopher Creek**

ID# **031000190**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; \$390,200**

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

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

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

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **0**

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

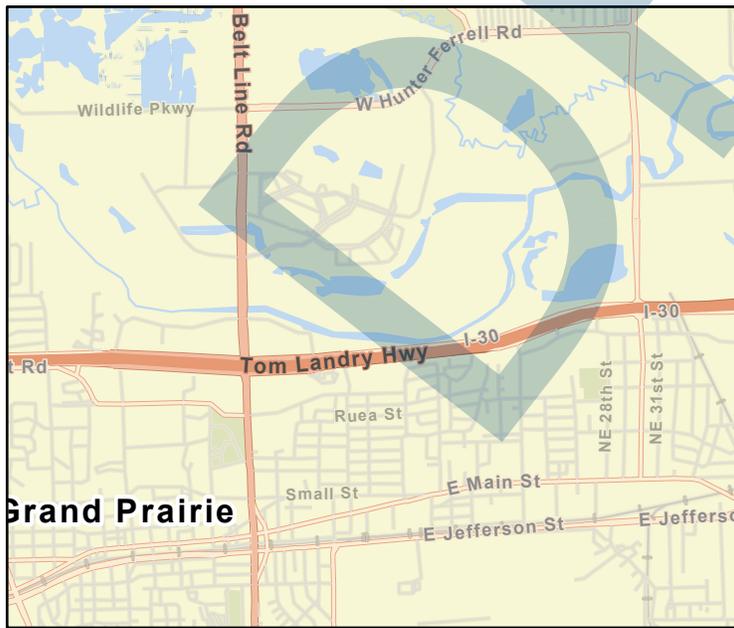
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Grass-covered Culvert at Dalworth Creek**

ID# **031000191**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - 520 feet west of Carrier Parkway; Channel Improvements; \$1,048,700**

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

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020702**

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

100-Year Flood Risk Summary

Population at risk **112** # of structures **30** Critical facilities **0**

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

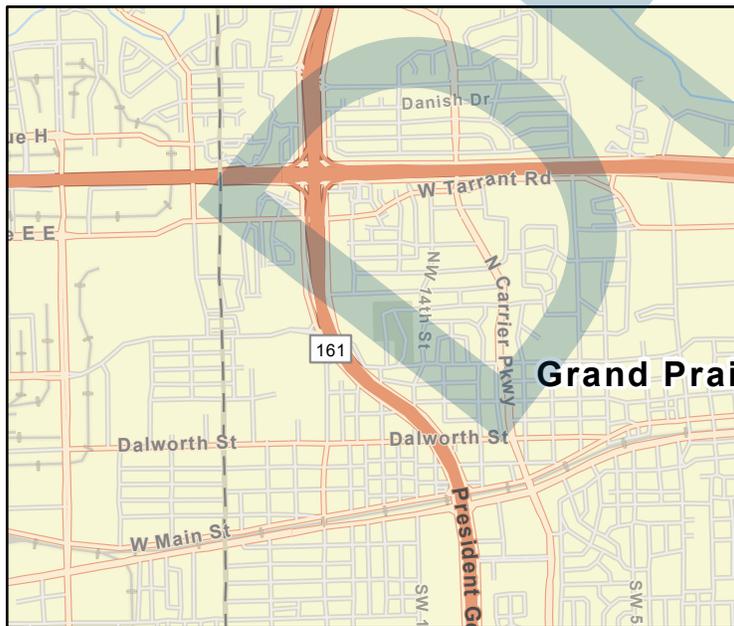
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **High School Drive at Gopher Creek**

ID# **031000192**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; \$402,400**

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

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

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

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **0**

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

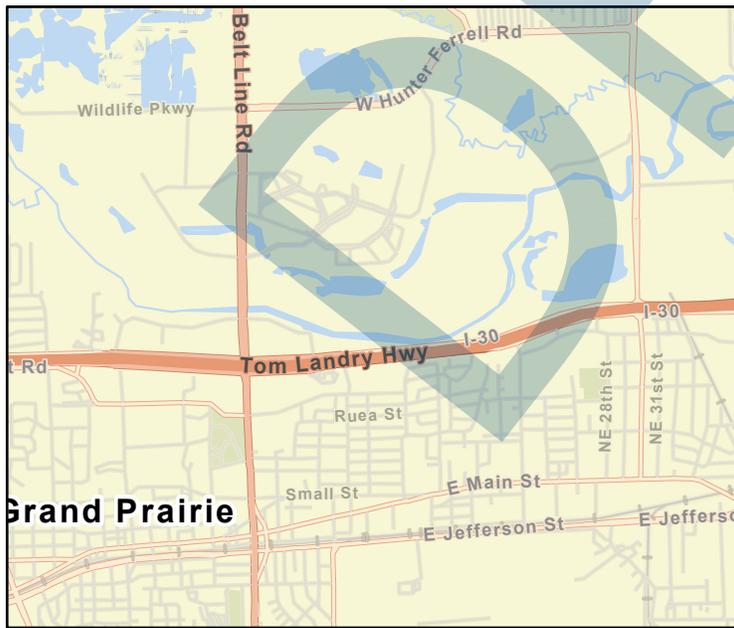
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Duncan Perry Rd at Johnson Creek**
 ID# **031000193**
 Sponsor (name of entity, not person) **Grand Prairie**
 RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

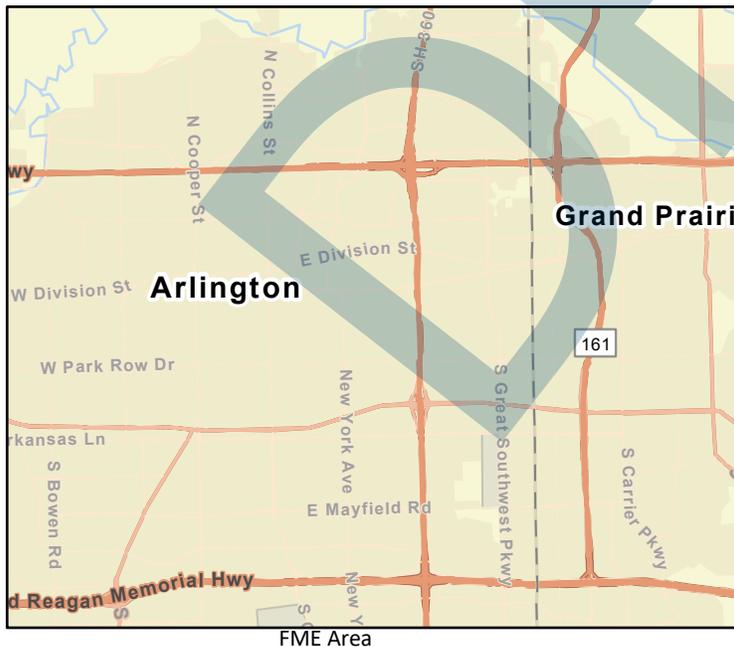
Study type **Project Planning**
 Study description **Study update - Channel Improvements; \$5,374,200**
 New Hydrologic or Hydraulic model? **-** Emergency Need? **No** Existing/Anticipated models in near term? **-**
 County **Dallas,Tarrant** Watershed HUC# (if known) **120301020606,120301020607,120301020706,120301020701,120301020**
 Drainage area (Square miles, est.) **21** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **4,090** # of structures **405** Critical facilities **7**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
 Farm/Ranch land impacted (acres) **50** Roadway(s) impacted (length) **13**
 Number of low water crossings **24** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$269,000** Amount of Available Funding **-** Federal funding availability **-**
 Funding source **-**



Flood Management Evaluation (FME)



Title **Great Southwest Parkway at Cottonwood Creek Bridge and Roadway Raising Improvements (Stream Station 104+64)**

ID# **031000194**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; \$9,538,300**

New Hydrologic or Hydraulic model? **-**

Emergency Need? **No**

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

County **Dallas,Tarrant**

Watershed HUC# (if known) **120301020607,120301020706,120301020702**

Drainage area (Square miles, est.) **6**

Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **350**

of structures **61**

Critical facilities **1**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **16**

Roadway(s) impacted (length) **3**

Number of low water crossings **5**

Historical road closures **-**

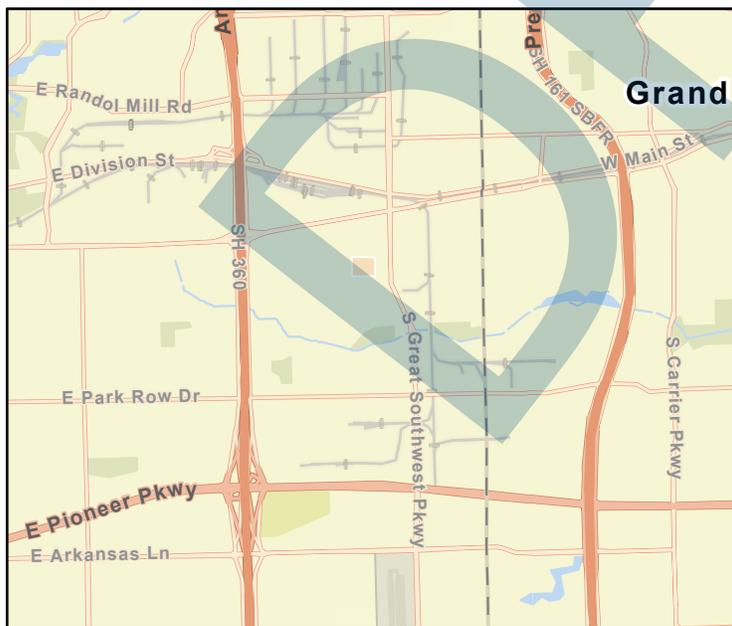
Estimated Cost and Funding Availability

Total Cost **\$477,000**

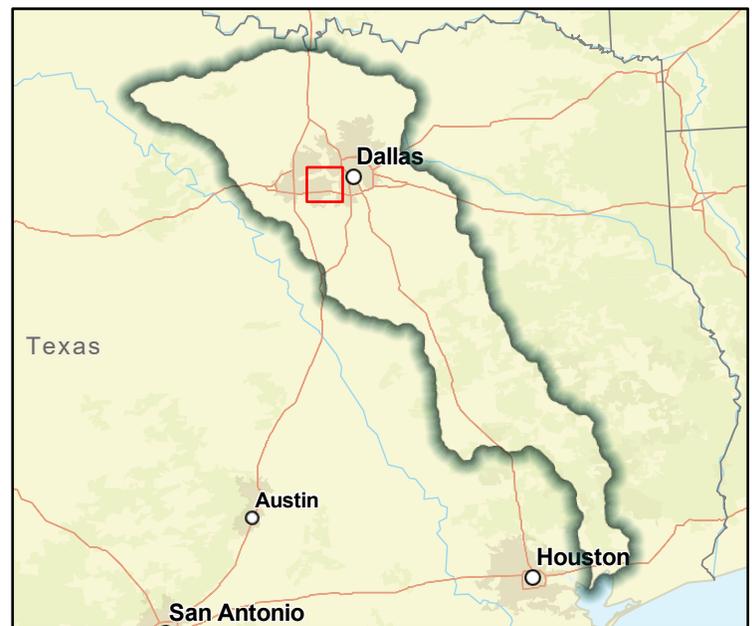
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **West Park Square Rd at Turner Branch**

ID# **031000195**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Channel Improvements; \$445,200**

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

County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**

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

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **0**

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

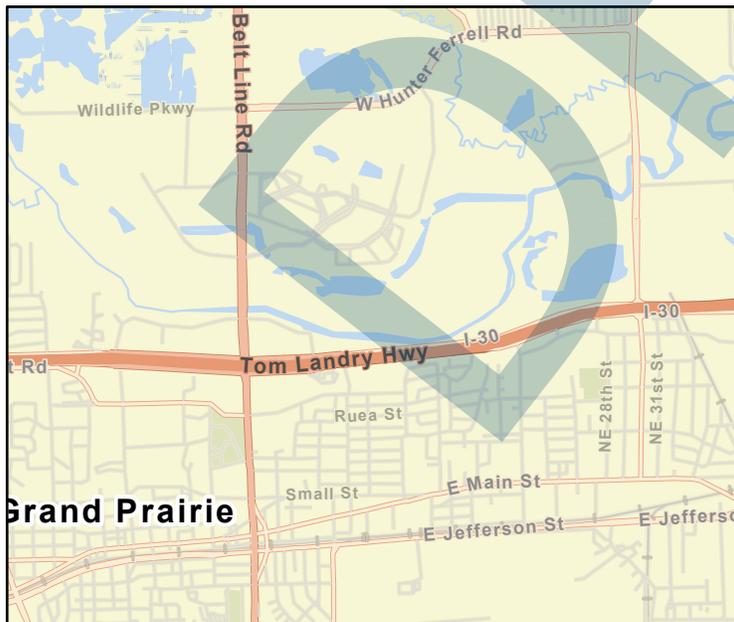
Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Carrier Parkway at Cottonwood Creek and South Fork Cottonwood Creek - Bridges

ID# 031000196

Sponsor (name of entity, not person) Grand Prairie

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

Study Details

Study type Project Planning

Study description Study update - Channel Improvements; \$18,164,400

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

County Dallas Watershed HUC# (if known) 120301020607,120301020706,120301020702

Drainage area (Square miles, est.) 6 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 350 # of structures 61 Critical facilities 1

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

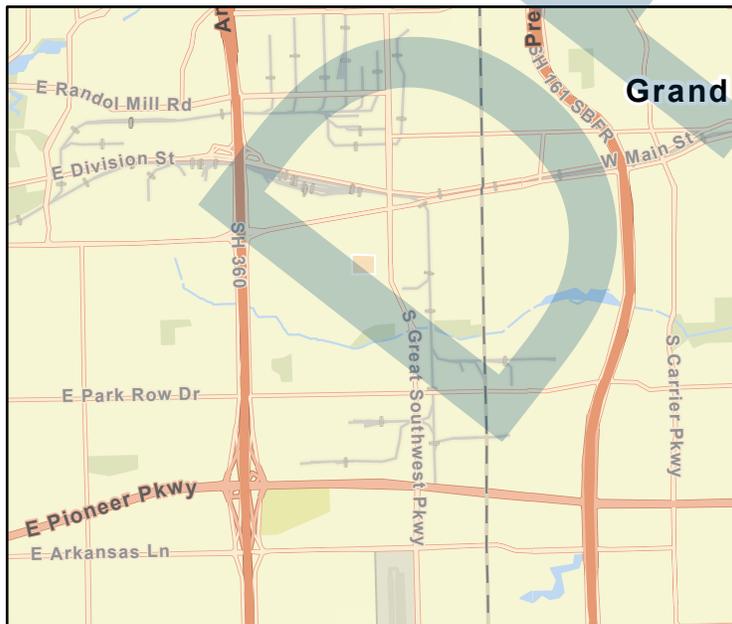
Farm/Ranch land impacted (acres) 16 Roadway(s) impacted (length) 3

Number of low water crossings 5 Historical road closures -

Estimated Cost and Funding Availability

Total Cost \$908,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title 3rd St at Cottonwood Creek and Cottonwood Creek from SW 3rd to FM 1382

ID# 031000197

Sponsor (name of entity, not person) Grand Prairie

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

Study Details

Study type Project Planning

Study description Study update - Channel Improvements; \$12,733,000

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

County Dallas Watershed HUC# (if known) 120301020606,120301020607,120301020706,120301020702

Drainage area (Square miles, est.) 13 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 890 # of structures 122 Critical facilities 1

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

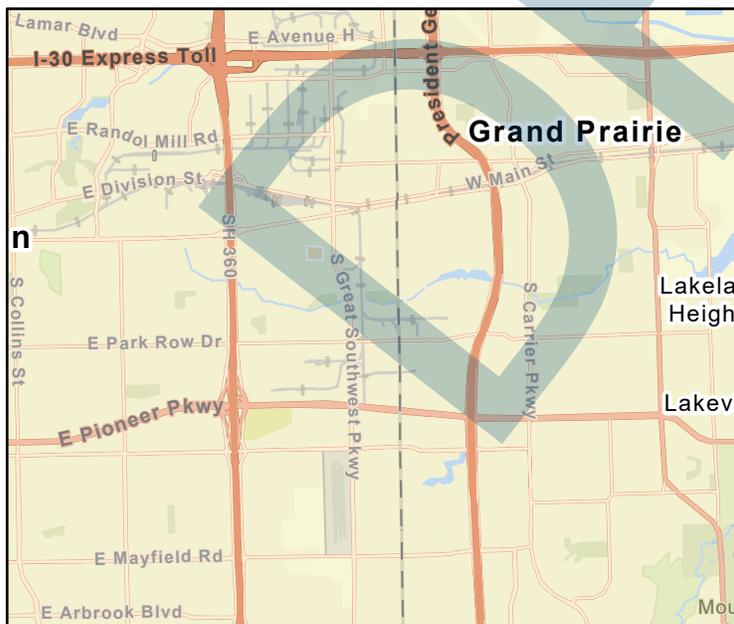
Farm/Ranch land impacted (acres) 32 Roadway(s) impacted (length) 6

Number of low water crossings 12 Historical road closures -

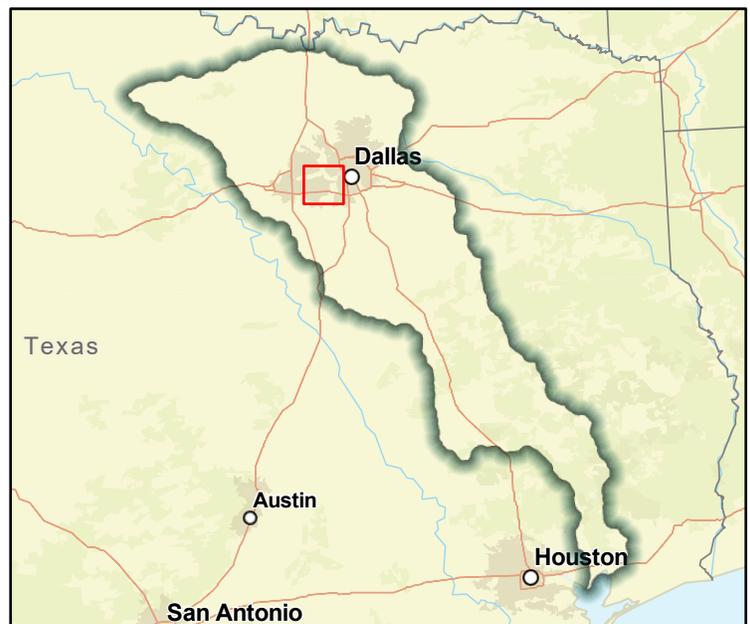
Estimated Cost and Funding Availability

Total Cost \$637,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title FM 661 at Mountain Creek (Future with Development)

ID# 031000198

Sponsor (name of entity, not person) Grand Prairie

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

Study Details

Study type Project Planning

Study description Study update - Channel Improvements; \$7,750,000

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

County Dallas Watershed HUC# (if known) 120301020603,120301090103,120301090101,120301020601,120301020

Drainage area (Square miles, est.) 50 Goal(s) 03000031, 03000032

100-Year Flood Risk Summary

Population at risk 451 # of structures 224 Critical facilities 3

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

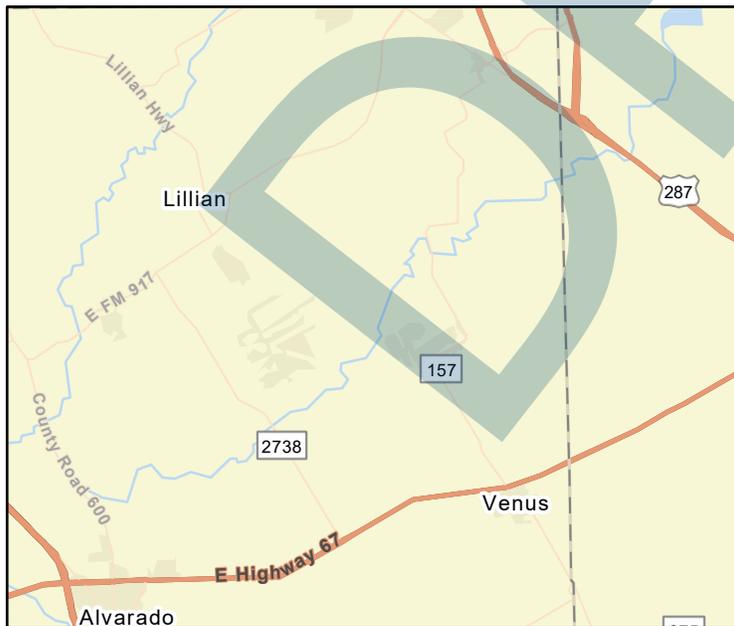
Farm/Ranch land impacted (acres) 3,240 Roadway(s) impacted (length) 7

Number of low water crossings 54 Historical road closures -

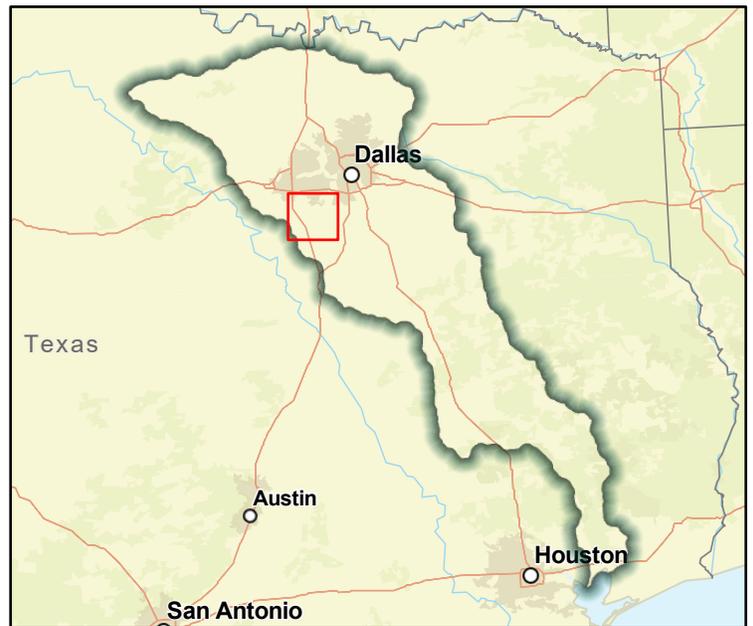
Estimated Cost and Funding Availability

Total Cost \$388,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Green Hollow Drive North and South of Thornbush Drive**

ID# **031000199**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$247,000**

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

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

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

100-Year Flood Risk Summary

Population at risk **302** # of structures **19** Critical facilities **0**

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

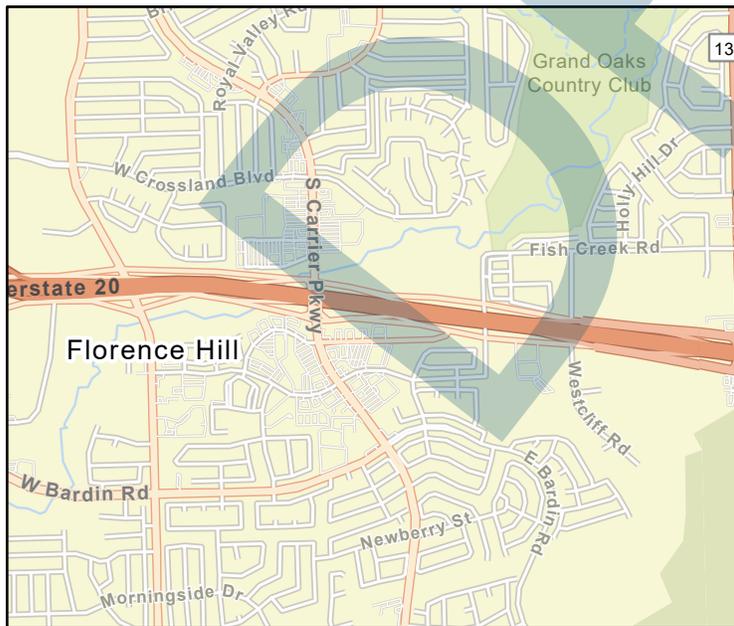
Farm/Ranch land impacted (acres) **20** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Carrier Parkway & Egyptian Way**

ID# **031000200**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$3,165,300**

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

County **Dallas,Tarrant** Watershed HUC# (if known) **120301020606,120301020607,120301020706,120301020701,120301020**

Drainage area (Square miles, est.) **21** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **4,090** # of structures **405** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **50** Roadway(s) impacted (length) **13**

Number of low water crossings **24** Historical road closures **-**

Estimated Cost and Funding Availability

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

Funding source **-**



Flood Management Evaluation (FME)



Title **East Pioneer Parkway & SE 14th St**

ID# **031000201**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$3,742,700**

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

County **Dallas** Watershed HUC# (if known) **120301020606,120301020607,120301020706**

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

100-Year Flood Risk Summary

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

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

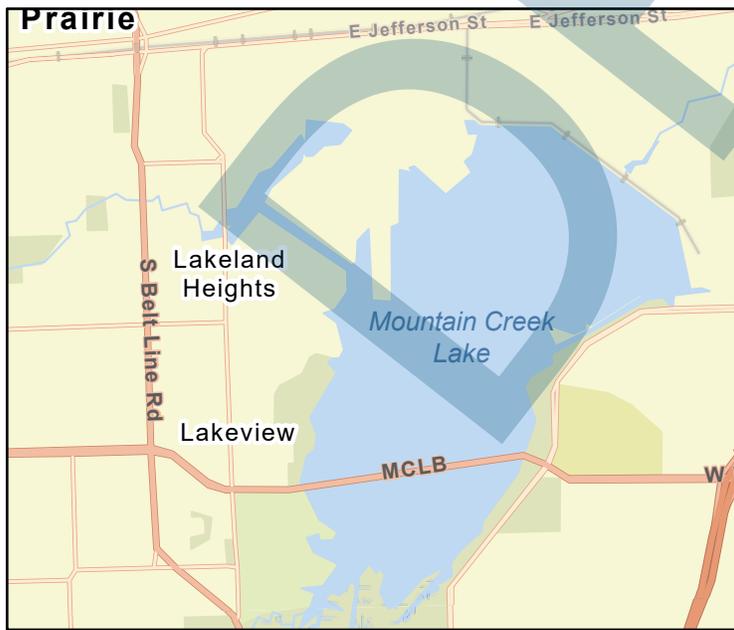
Farm/Ranch land impacted (acres) **28** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Great Southwest Parkway & Pinewood Drive**

ID# **031000202**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$3,998,200**

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

County **Dallas,Tarrant** Watershed HUC# (if known) **120301020606,120301020607,120301020702**

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

100-Year Flood Risk Summary

Population at risk **107** # of structures **19** Critical facilities **0**

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

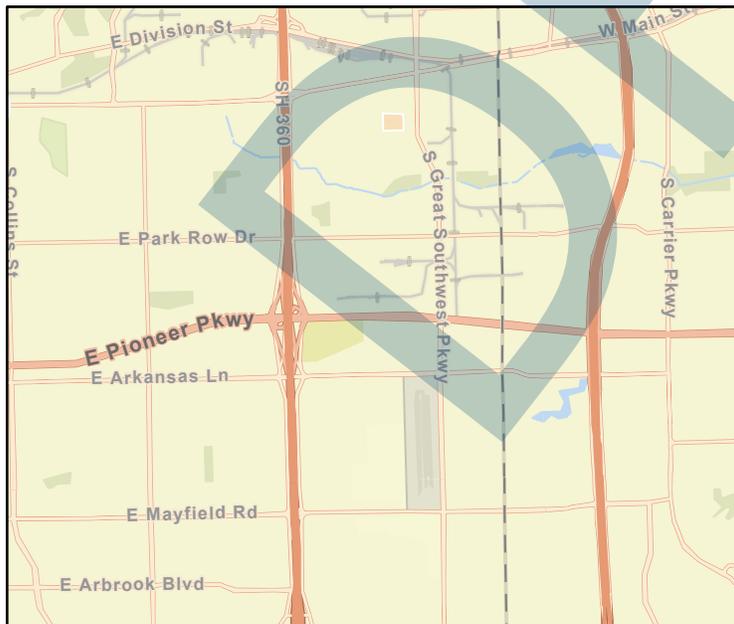
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **2**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lake Park Drive and Victoria Drive

ID# 031000203

Sponsor (name of entity, not person) Grand Prairie

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

Study Details

Study type Project Planning

Study description Study update - Storm Drain Improvements; \$1,094,100

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

County Dallas Watershed HUC# (if known) 120301020606,120301020607

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

100-Year Flood Risk Summary

Population at risk 23 # of structures 4 Critical facilities 0

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

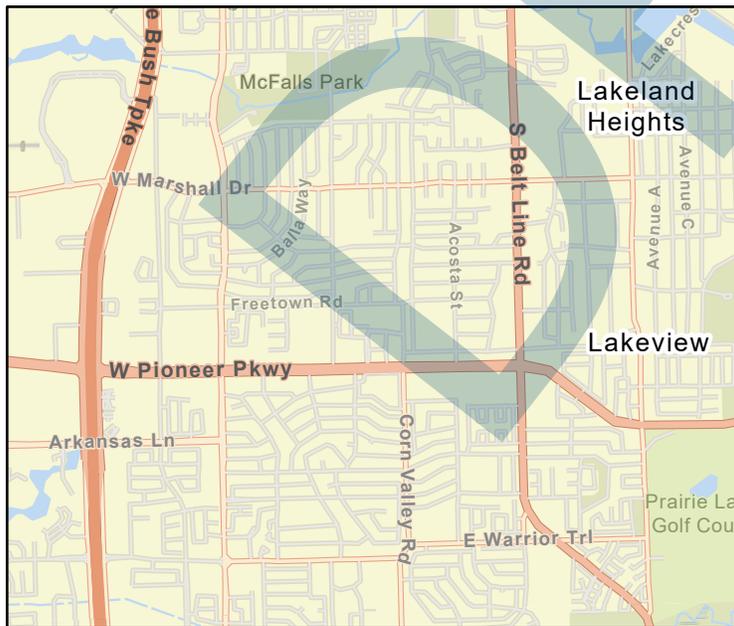
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 1 Historical road closures -

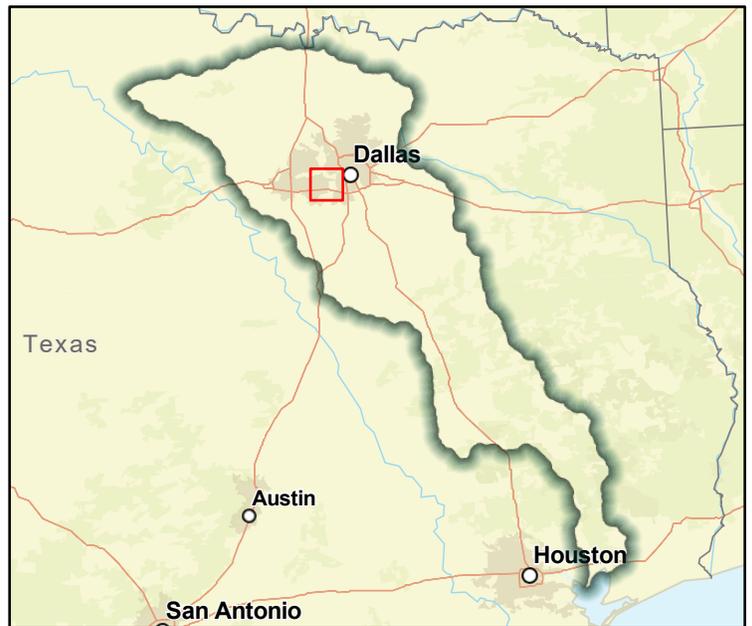
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Regional Detention at Bowie Elementary School**

ID# **031000204**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$3,433,500**

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

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

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

100-Year Flood Risk Summary

Population at risk **433** # of structures **42** Critical facilities **0**

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

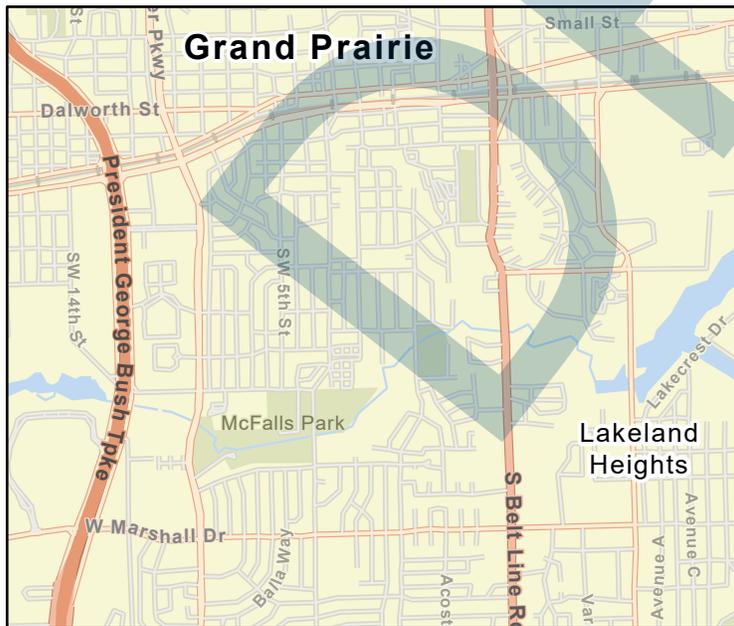
Farm/Ranch land impacted (acres) **8** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Shady Grove Rd - Jones St Storm Drainage Improvements**

ID# **031000205**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$1,679,200**

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

County **Dallas** Watershed HUC# (if known) **120301020701,120301020705**

Drainage area (Square miles, est.) **3** Goal(s) **03000007, 036000008, 03000009, 03000010, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,761** # of structures **140** Critical facilities **0**

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

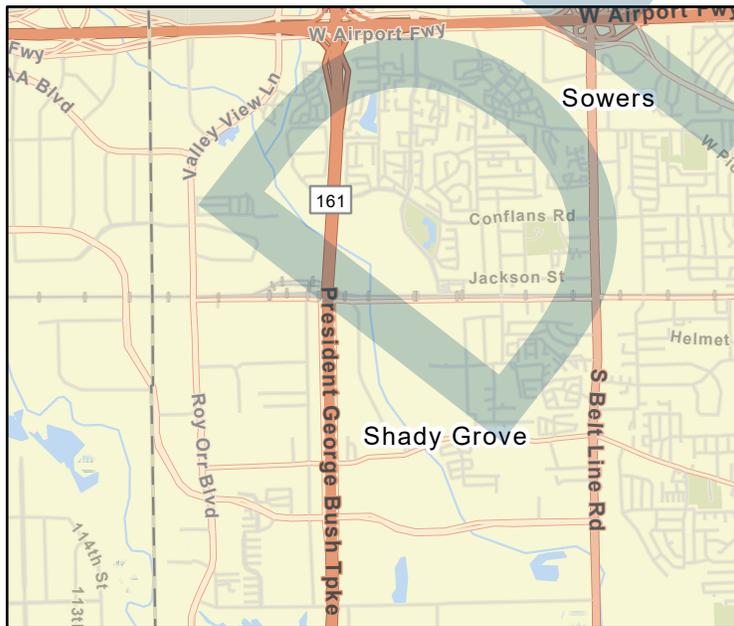
Farm/Ranch land impacted (acres) **169** Roadway(s) impacted (length) **5**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Duncan Perry Rd, Heritage Court and Goodwin Branch**

ID# **031000206**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$1,175,300**

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

County **Dallas** Watershed HUC# (if known) **120301020606,120301020607,120301020706,120301020701,120301020**

Drainage area (Square miles, est.) **21** Goal(s) **03000007, 036000008, 03000009, 03000010, 03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **4,090** # of structures **405** Critical facilities **7**

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

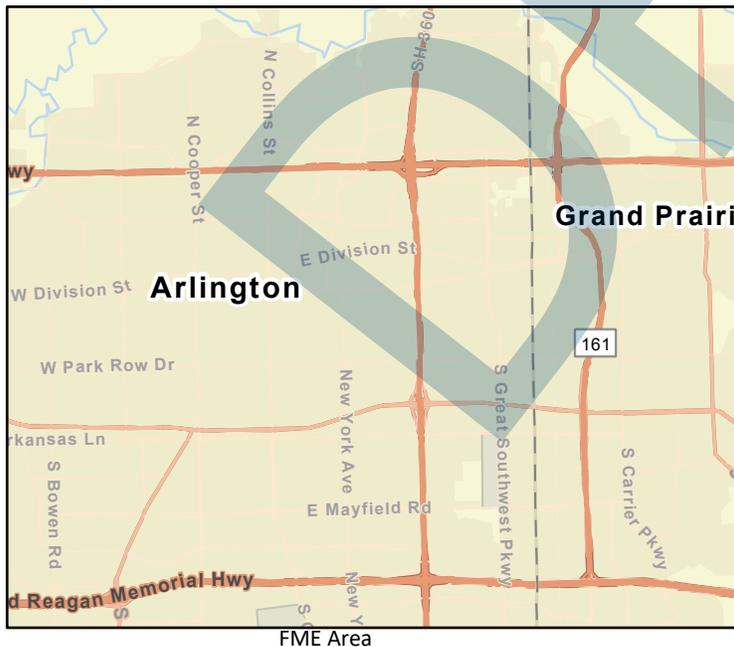
Farm/Ranch land impacted (acres) **50** Roadway(s) impacted (length) **13**

Number of low water crossings **24** Historical road closures **-**

Estimated Cost and Funding Availability

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

Funding source **-**



Flood Management Evaluation (FME)



Title **Thousand Oaks Court**

ID# **031000207**

Sponsor (name of entity, not person) **Grand Prairie**

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

Study Details

Study type **Project Planning**

Study description **Study update - Storm Drain Improvements; \$742,700**

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

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

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

100-Year Flood Risk Summary

Population at risk **1,003** # of structures **75** Critical facilities **2**

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

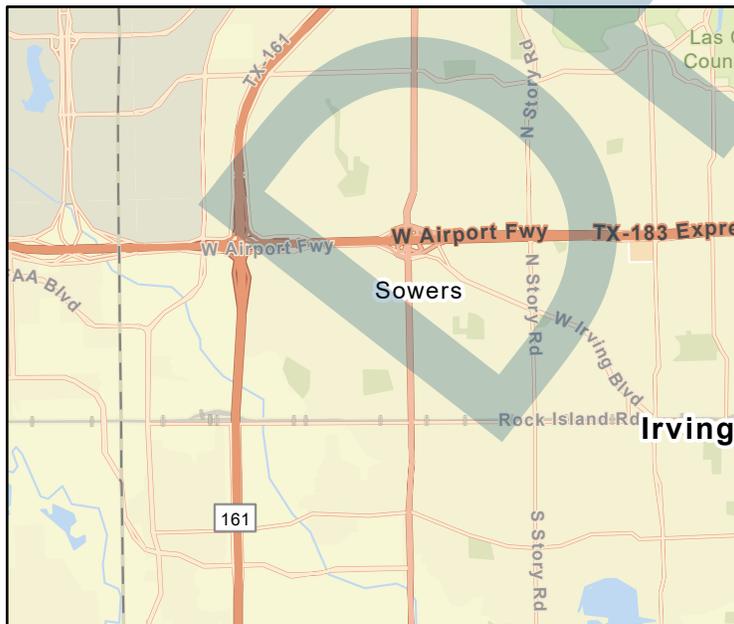
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title East Marshall Drive, Santa Cruz Circle & Belt Line Rd

ID# 031000208

Sponsor (name of entity, not person) Grand Prairie

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

Study Details

Study type Project Planning

Study description Study update - Storm Drain Improvements; \$1,753,800

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

County Dallas Watershed HUC# (if known) 120301020606,120301020607

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

100-Year Flood Risk Summary

Population at risk 23 # of structures 4 Critical facilities 0

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

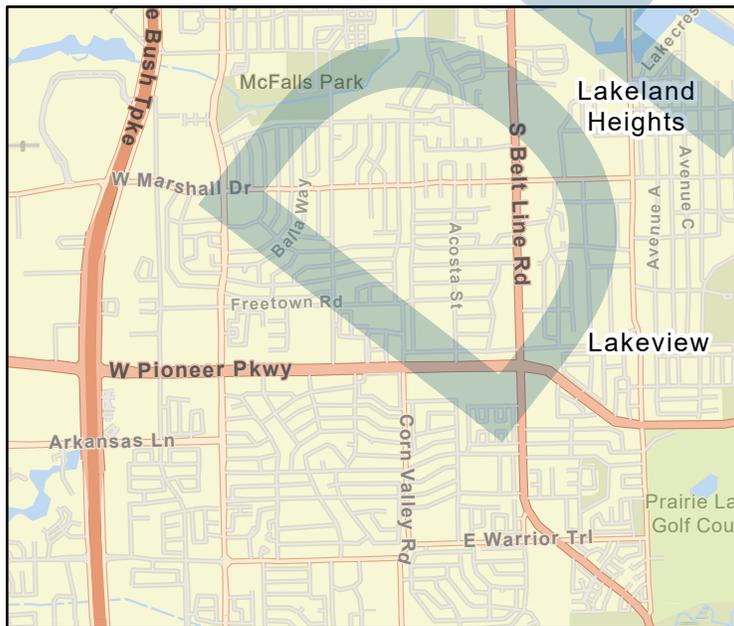
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 1 Historical road closures -

Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **East Main St & NE 14th St**
 ID# **031000209**
 Sponsor (name of entity, not person) **Grand Prairie**
 RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Study Details

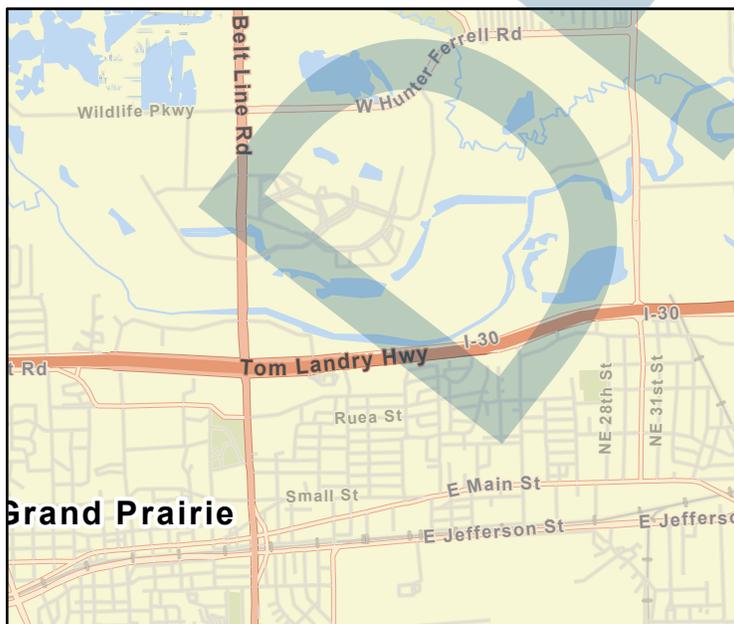
Study type **Project Planning**
 Study description **Study update - Storm Drain Improvements; \$5,879,400**
 New Hydrologic or Hydraulic model? **-** Emergency Need? **No** Existing/Anticipated models in near term? **-**
 County **Dallas** Watershed HUC# (if known) **120301020607,120301020706,120301020705**
 Drainage area (Square miles, est.) **4** Goal(s) **03000031, 03000032**

100-Year Flood Risk Summary

Population at risk **1,107** # of structures **18** Critical facilities **0**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
 Farm/Ranch land impacted (acres) **161** Roadway(s) impacted (length) **3**
 Number of low water crossings **0** Historical road closures **-**

Estimated Cost and Funding Availability

Total Cost **\$294,000** Amount of Available Funding **-** Federal funding availability **-**
 Funding source **-**



FME Area



Regional view of FME area