

Appendix D-2 | D-2.1

One Page Summaries – FME/FMP/FMS

Flood Management Evaluation (FME)



Title **Cooke County FIS**

ID# **011000036**

Sponsor (name of entity, not person) **Cooke (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Update flood insurance study for the county and develop regulatory mapping**

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

County **Cooke** Watershed HUC# (if known) **111302010508, 111302010701, 111302010702, 111302010703,**

Drainage area (Square miles, est.) **177** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **81** # of structures **54** Critical facilities **0**

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

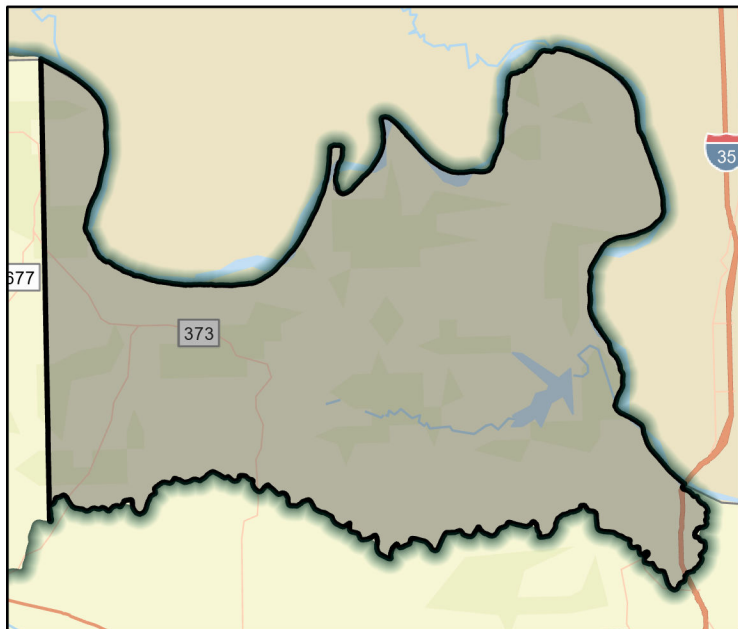
Farm/Ranch land impacted (acres) **20,721** Roadway(s) impacted (length) **8**

Number of low water crossings **13** Historical road closures **40**

Estimated Cost and Funding Availability

Total Cost **\$917,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Cooke County Drainage Master Plan**

ID# **011000043**

Sponsor (name of entity, not person) **Cooke (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Cooke** Watershed HUC# (if known) **111302010508, 111302010701, 111302010702, 111302010703,**

Drainage area (Square miles, est.) **177** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **81** # of structures **54** Critical facilities **0**

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

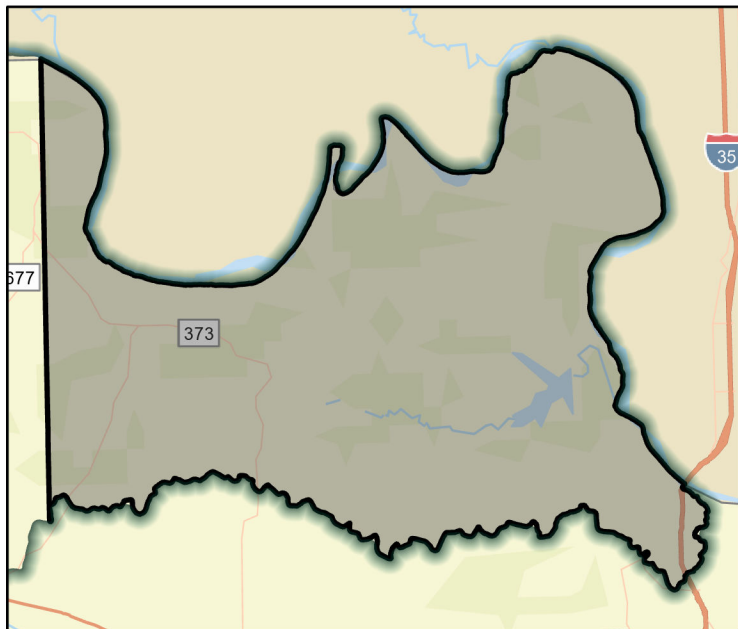
Farm/Ranch land impacted (acres) **20,721** Roadway(s) impacted (length) **8**

Number of low water crossings **13** Historical road closures **40**

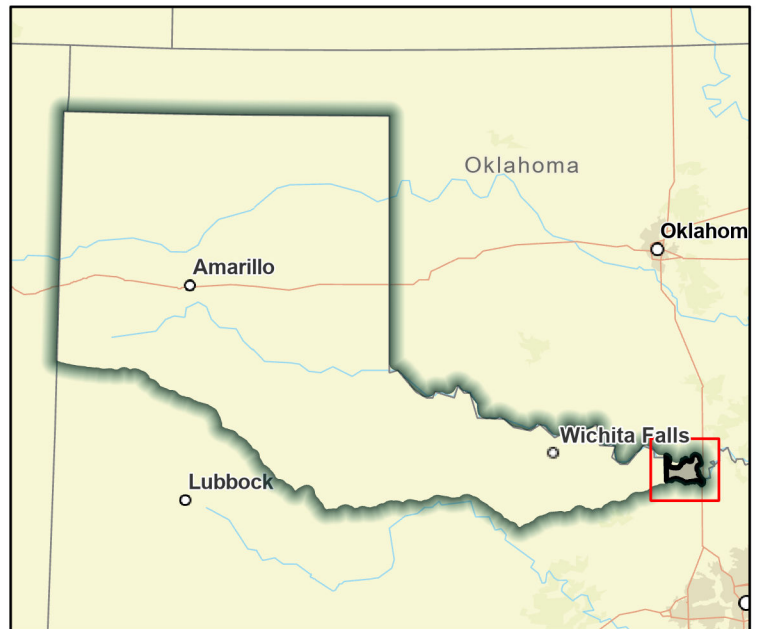
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title **Montague County FIS**

ID# **011000037**

Sponsor (name of entity, not person) **Montague (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Update flood insurance study for the county and develop regulatory mapping**

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

County **Montague** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **529** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **375** # of structures **255** Critical facilities **0**

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

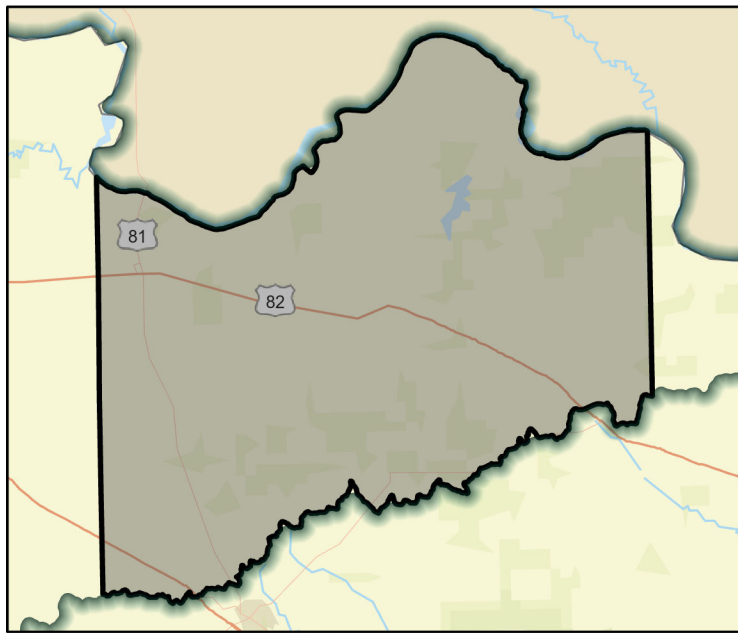
Farm/Ranch land impacted (acres) **49,721** Roadway(s) impacted (length) **37**

Number of low water crossings **53** Historical road closures **136**

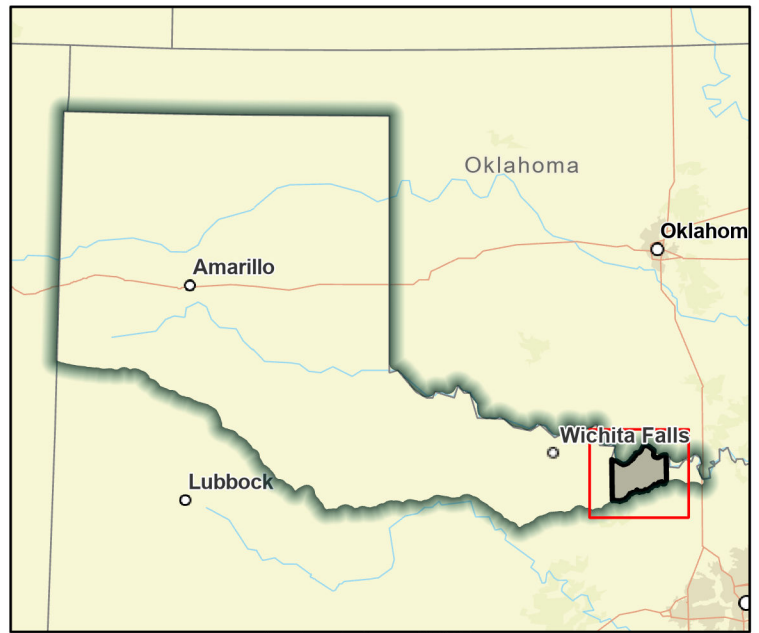
Estimated Cost and Funding Availability

Total Cost **\$981,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Montague County Drainage Master Plan**

ID# **011000044**

Sponsor (name of entity, not person) **Montague (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Montague** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **529** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **375** # of structures **255** Critical facilities **0**

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

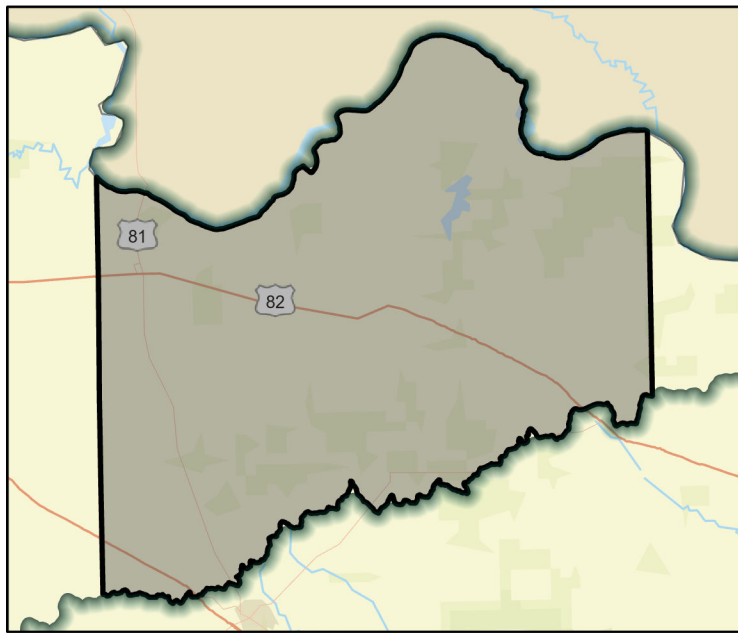
Farm/Ranch land impacted (acres) **49,721** Roadway(s) impacted (length) **37**

Number of low water crossings **53** Historical road closures **136**

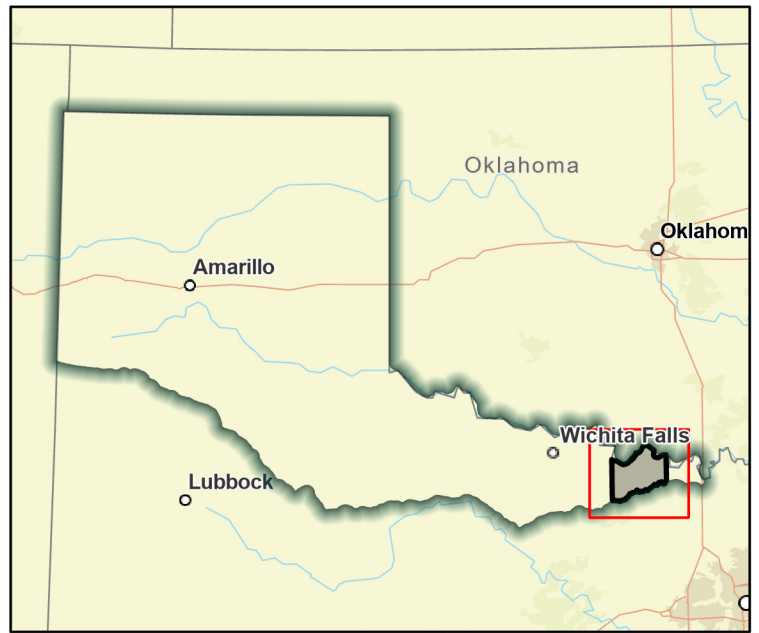
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Clay County Drainage Master Plan

ID# 011000181

Sponsor (name of entity, not person) Clay (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Clay Watershed HUC# (if known) -

Drainage area (Square miles, est.) 985 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 265 # of structures 128 Critical facilities 0

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

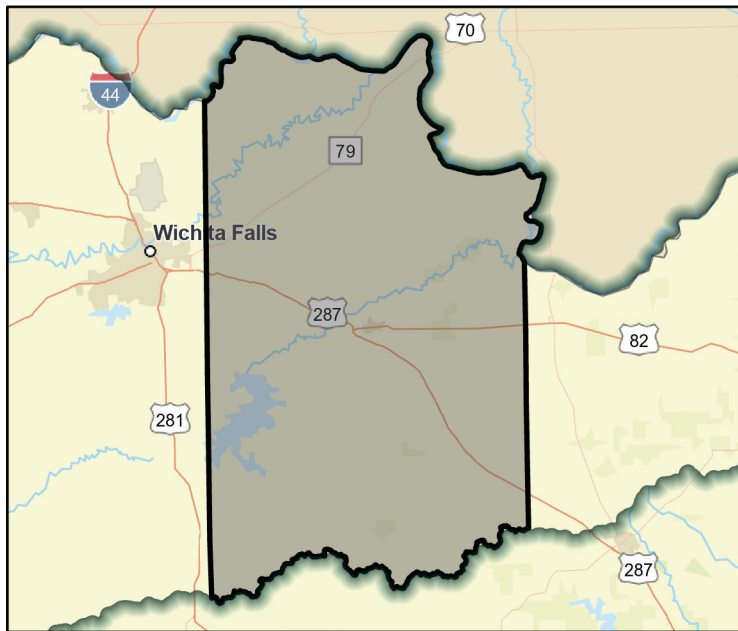
Farm/Ranch land impacted (acres) 94,918 Roadway(s) impacted (length) 64

Number of low water crossings 64 Historical road closures 122

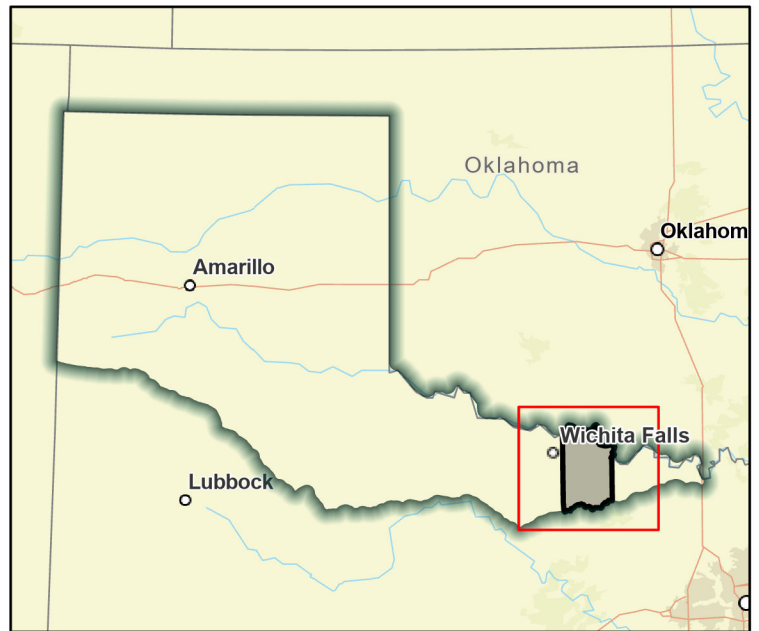
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Clay County FIS

ID# 011000002

Sponsor (name of entity, not person) Clay (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Clay Watershed HUC# (if known) -

Drainage area (Square miles, est.) 985 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 265 # of structures 128 Critical facilities 0

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

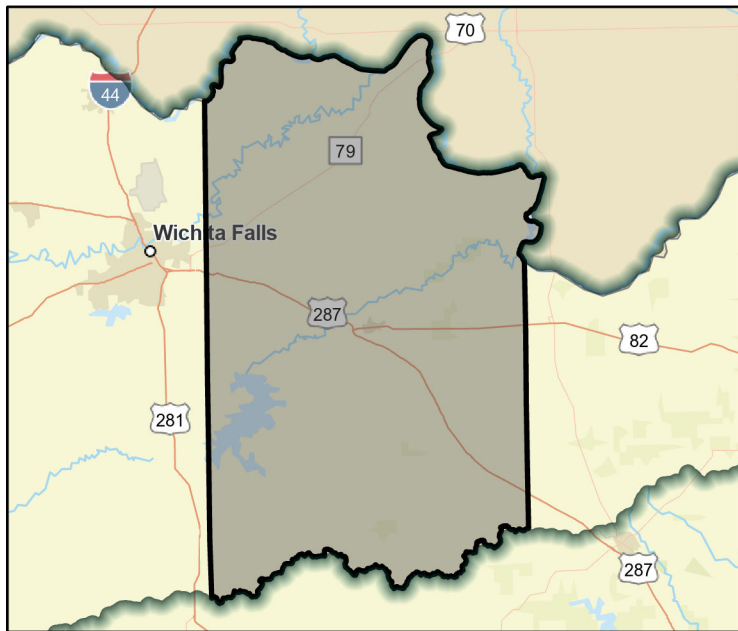
Farm/Ranch land impacted (acres) 94,918 Roadway(s) impacted (length) 64

Number of low water crossings 64 Historical road closures 122

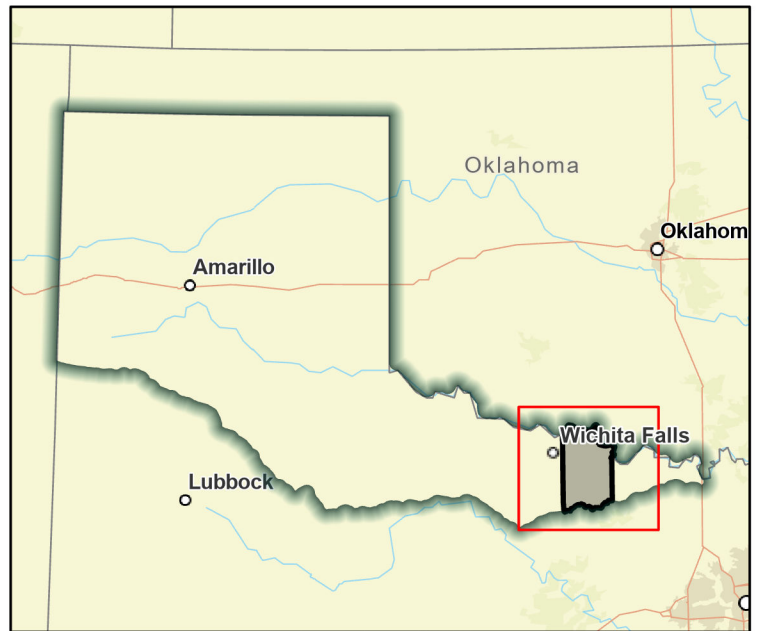
Estimated Cost and Funding Availability

Total Cost \$1,169,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Floyd County Drainage Master Plan**

ID# **011000045**

Sponsor (name of entity, not person) **Floyd (County)**

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

Study Details

Study type **Watershed Planning**
 Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains**

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

County **Floyd** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **584** Goal(s) **01000001, 01000002, 01000005, 01000006**

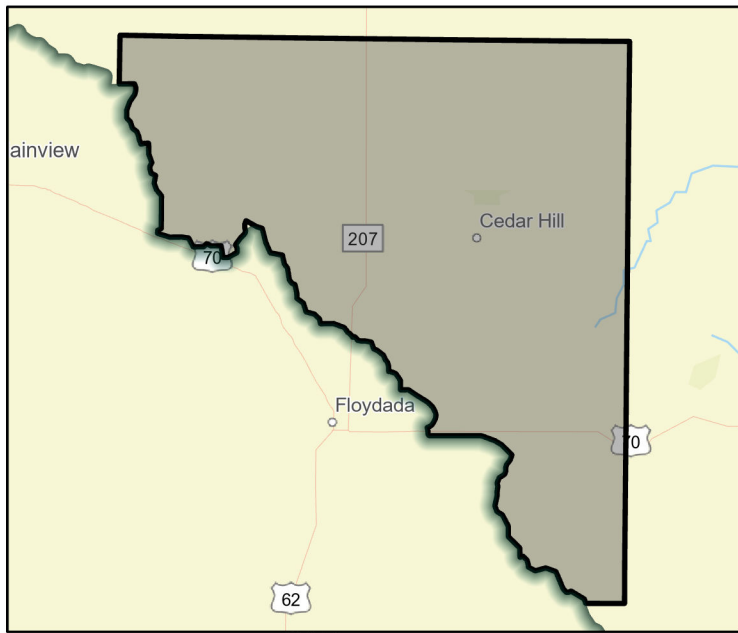
100-Year Flood Risk Summary

Population at risk **22** # of structures **35** Critical facilities **0**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **Yes** Other? **No**
 Farm/Ranch land impacted (acres) **26,595** Roadway(s) impacted (length) **77**
 Number of low water crossings **10** Historical road closures **37**

Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Floyd County FIS**

ID# **011000006**

Sponsor (name of entity, not person) **Floyd (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Floyd** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **584** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **22** # of structures **35** Critical facilities **0**

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

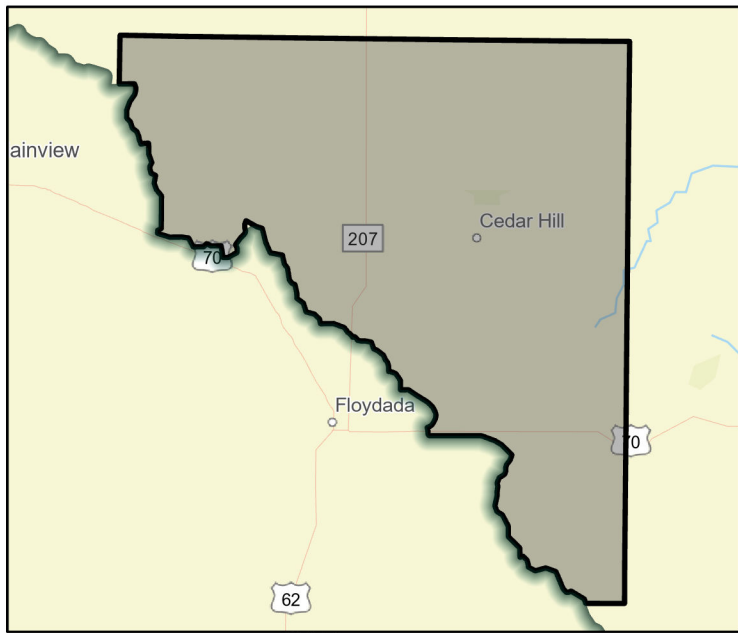
Farm/Ranch land impacted (acres) **26,595** Roadway(s) impacted (length) **77**

Number of low water crossings **10** Historical road closures **37**

Estimated Cost and Funding Availability

Total Cost **\$1,115,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hale County FIS

ID# 011000039

Sponsor (name of entity, not person) Hale (County)

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

Study Details

Study type Watershed Planning

Study description Update flood insurance study for the county and develop regulatory mapping

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

County Hale Watershed HUC# (if known) 111201040602, 111301030202

Drainage area (Square miles, est.) 7 Goal(s) 01000001, 01000002

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? Yes Other? No

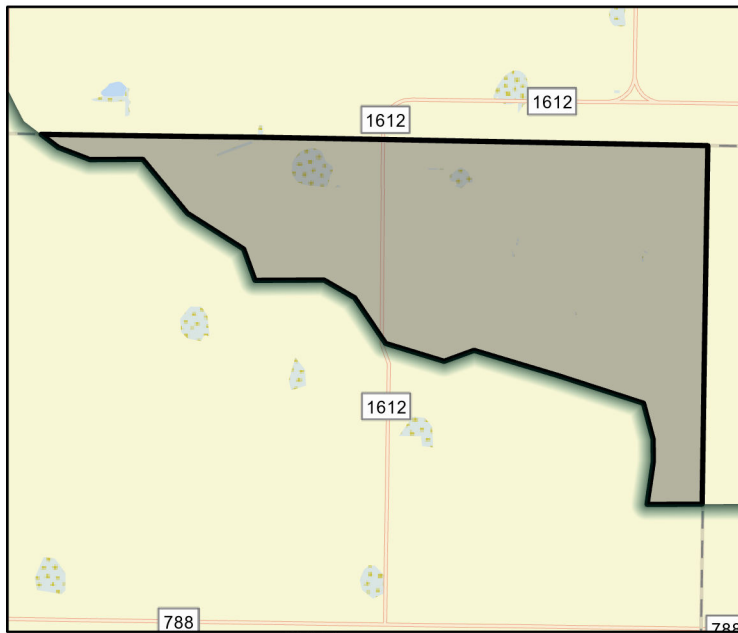
Farm/Ranch land impacted (acres) 229 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$1,076,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Knox County FIS**

ID# **011000009**

Sponsor (name of entity, not person) **Knox (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Knox** Watershed HUC# (if known) **111302040206, 111302040301, 111302040302, 111302040303,**

Drainage area (Square miles, est.) **421** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **3** # of structures **7** Critical facilities **0**

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

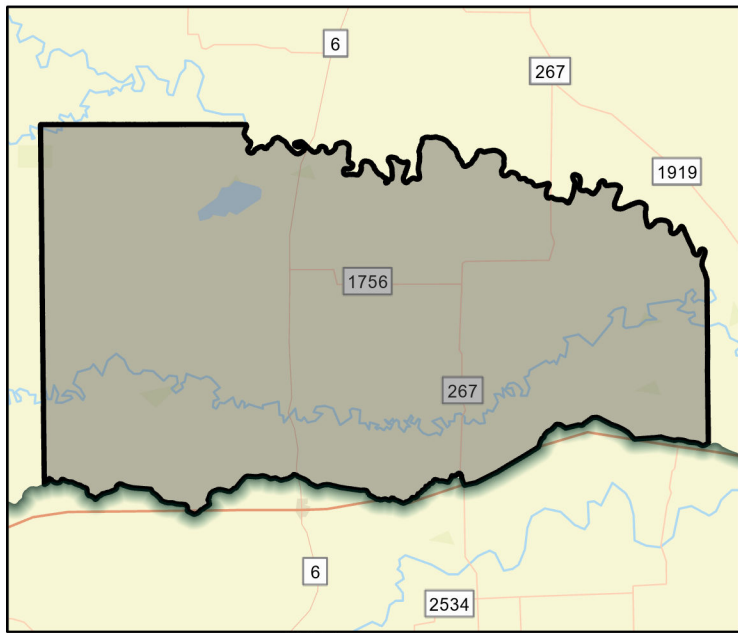
Farm/Ranch land impacted (acres) **42,191** Roadway(s) impacted (length) **5**

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

Estimated Cost and Funding Availability

Total Cost **\$873,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title King County FIS

ID# 011000010

Sponsor (name of entity, not person) King (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County King Watershed HUC# (if known) 111302040102, 111302040103, 111302040104, 111302040108,

Drainage area (Square miles, est.) 576 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 7 # of structures 10 Critical facilities 0

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

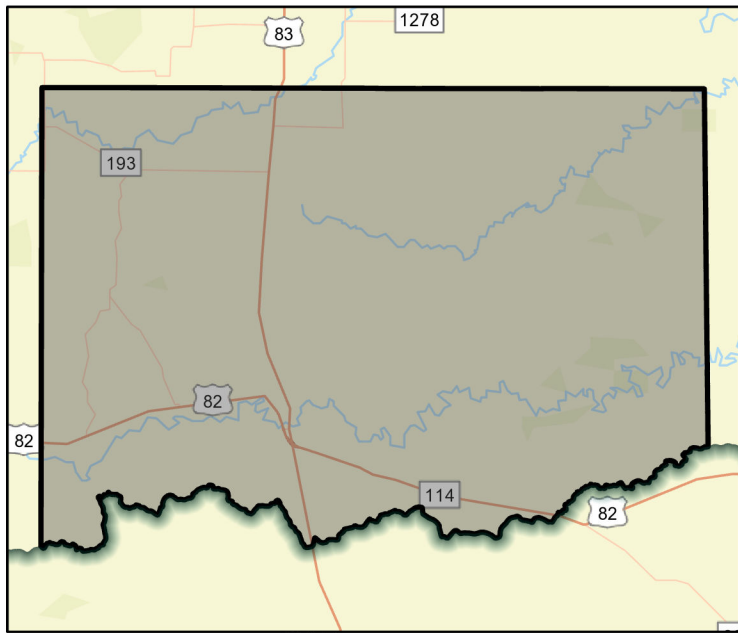
Farm/Ranch land impacted (acres) 46,810 Roadway(s) impacted (length) 11

Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$955,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Dickens County FIS

ID# 011000011

Sponsor (name of entity, not person) Dickens (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Dickens Watershed HUC# (if known) 111301040202, 111301040203, 111301040206, 111301040207,

Drainage area (Square miles, est.) 331 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 13 # of structures 14 Critical facilities 0

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

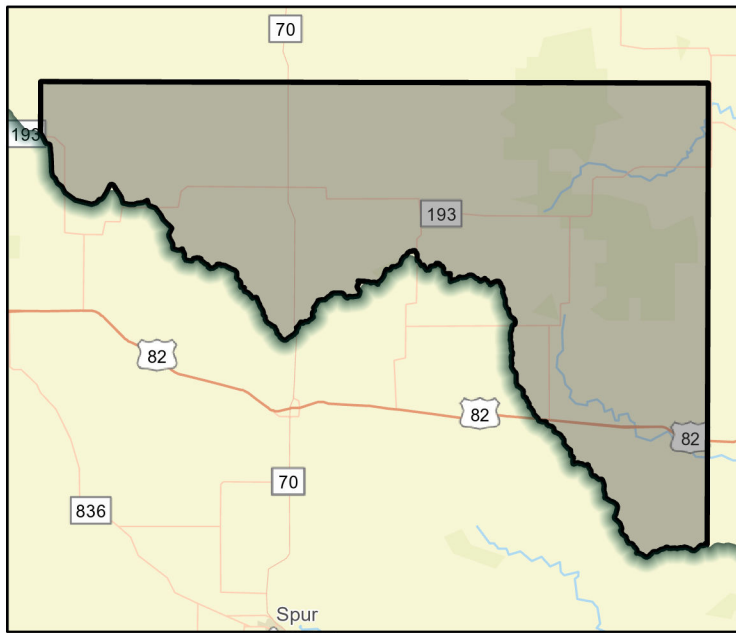
Farm/Ranch land impacted (acres) 23,267 Roadway(s) impacted (length) 15

Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$920,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Dickens County Drainage Master Plan

ID# 011000047

Sponsor (name of entity, not person) Dickens (County)

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains

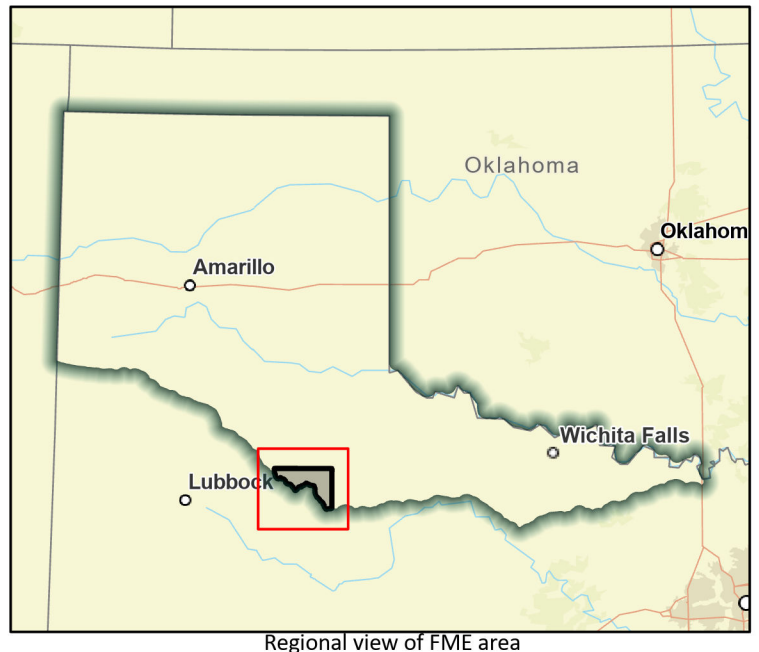
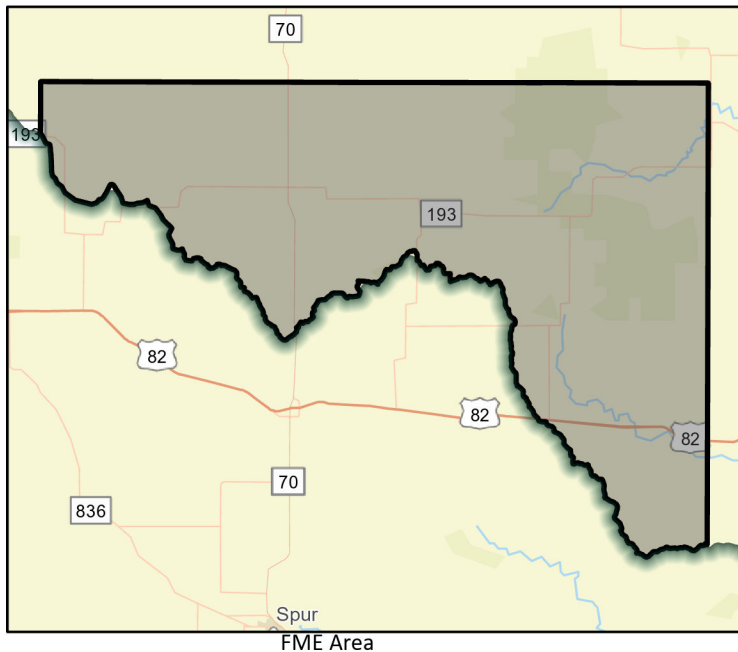
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No
 County Dickens Watershed HUC# (if known) 111301040202, 111301040203, 111301040206, 111301040207,
 Drainage area (Square miles, est.) 331 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 13 # of structures 14 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 23,267 Roadway(s) impacted (length) 15
 Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No
 Funding source -



Flood Management Evaluation (FME)



Title **Baylor County FIS**

ID# **011000012**

Sponsor (name of entity, not person) **Baylor (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Baylor** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **506** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **21** # of structures **64** Critical facilities **0**

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

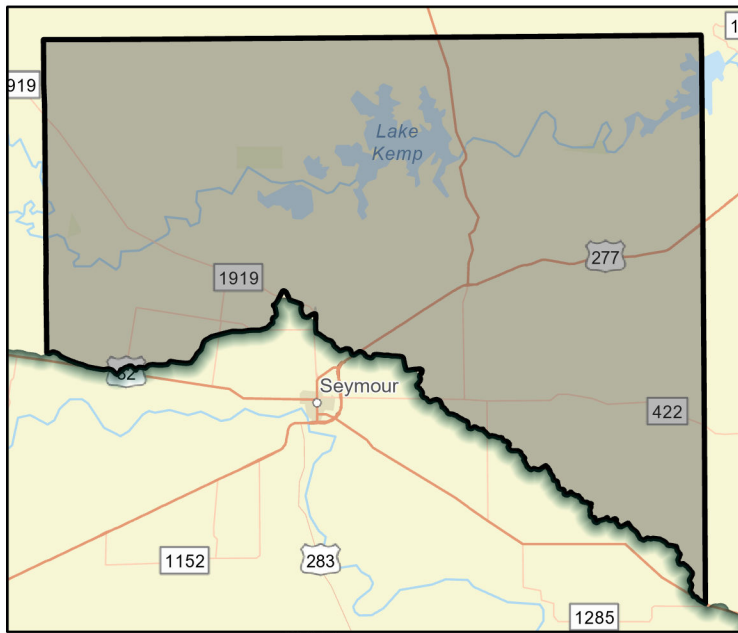
Farm/Ranch land impacted (acres) **45,084** Roadway(s) impacted (length) **4**

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

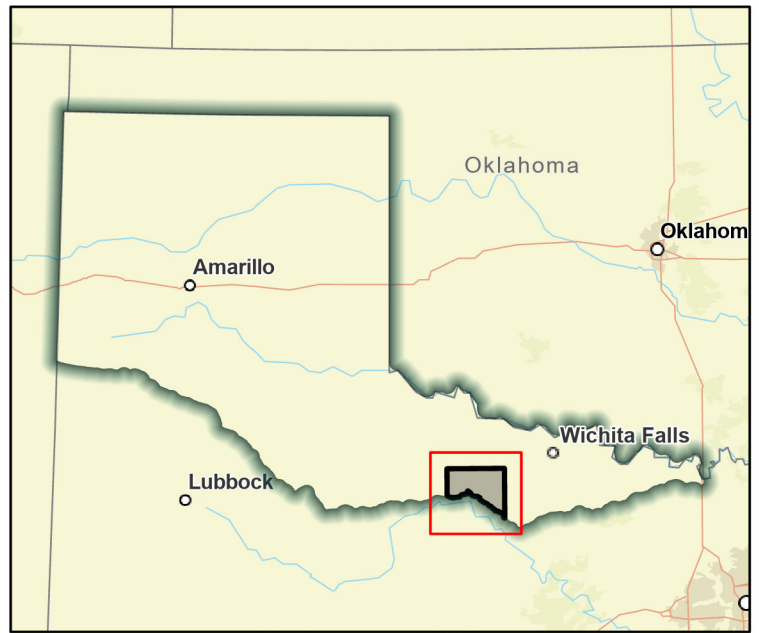
Estimated Cost and Funding Availability

Total Cost **\$912,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Baylor County Drainage Master Plan**

ID# **011000182**

Sponsor (name of entity, not person) **Baylor (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Baylor** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **506** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **21** # of structures **64** Critical facilities **0**

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

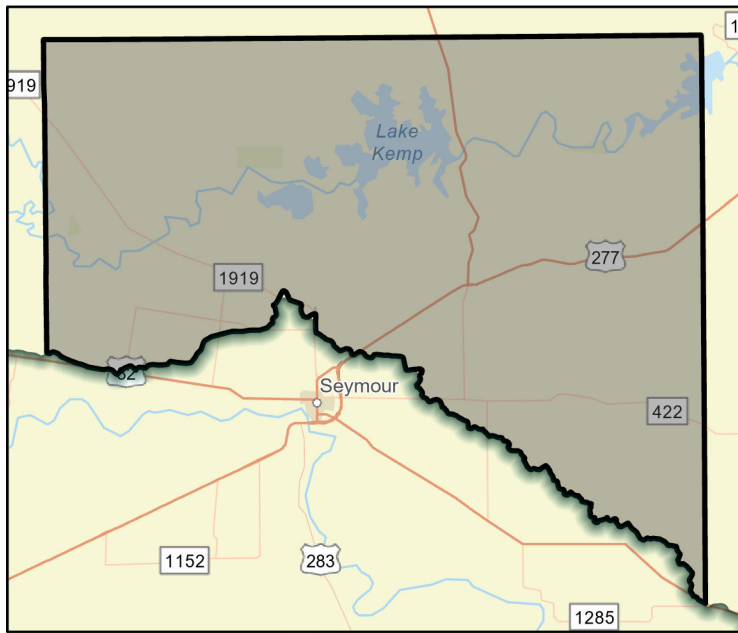
Farm/Ranch land impacted (acres) **45,084** Roadway(s) impacted (length) **4**

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

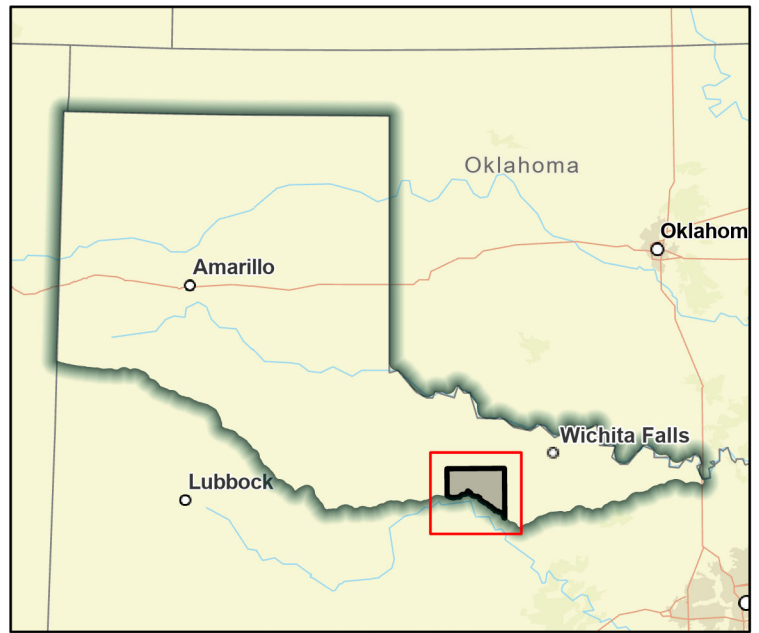
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Archer County Drainage Master Plan

ID# 011000048

Sponsor (name of entity, not person) Archer (County)

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains

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

County Archer Watershed HUC# (if known) -

Drainage area (Square miles, est.) 788 Goal(s) 01000001, 01000002, 01000005, 01000006

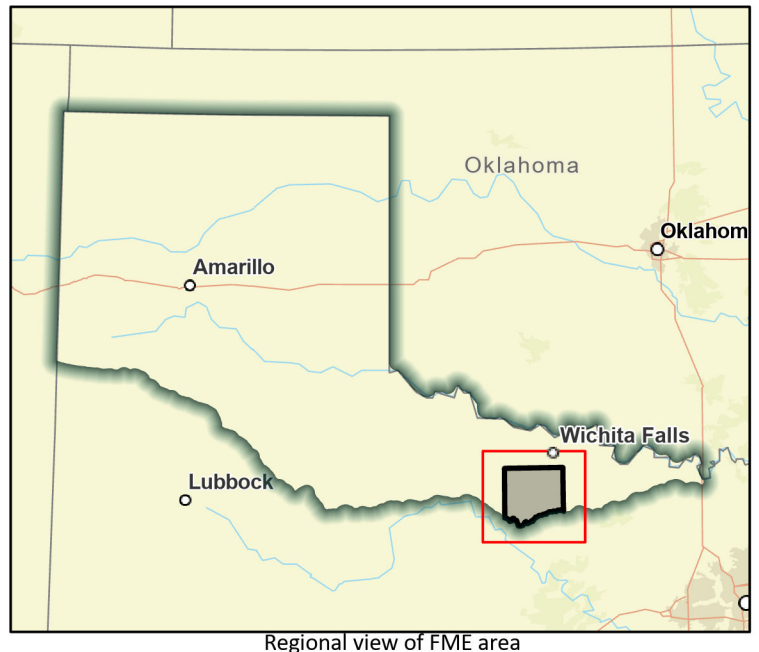
100-Year Flood Risk Summary

Population at risk 249 # of structures 188 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 77,040 Roadway(s) impacted (length) 37
 Number of low water crossings 76 Historical road closures 153

Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



Flood Management Evaluation (FME)



Title Swisher County Drainage Master Plan

ID# 011000056

Sponsor (name of entity, not person) Swisher (County)

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains and playa lakes.

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

County Swisher Watershed HUC# (if known) -

Drainage area (Square miles, est.) 828 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 53 # of structures 57 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 40,121 Roadway(s) impacted (length) 204
 Number of low water crossings 11 Historical road closures 15

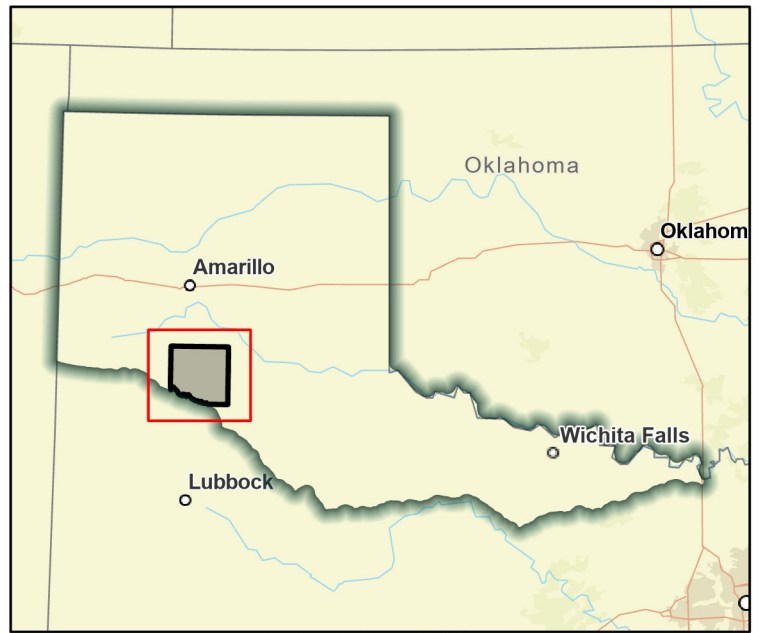
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Swisher County FIS

ID# 011000023

Sponsor (name of entity, not person) Swisher (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Swisher Watershed HUC# (if known) -

Drainage area (Square miles, est.) 828 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 53 # of structures 57 Critical facilities 0

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

Farm/Ranch land impacted (acres) 40,121 Roadway(s) impacted (length) 204

Number of low water crossings 11 Historical road closures 15

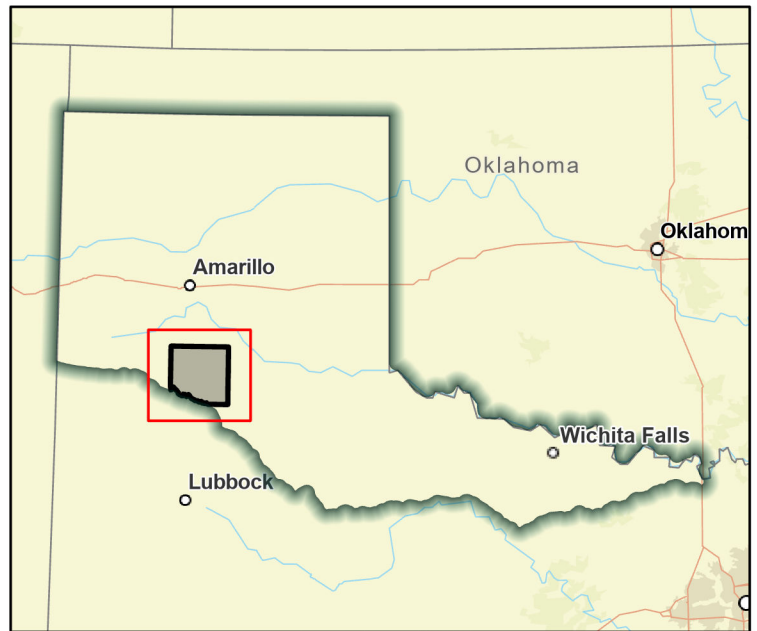
Estimated Cost and Funding Availability

Total Cost \$929,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Castro County FIS**

ID# **011000024**

Sponsor (name of entity, not person) **Castro (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Castro** Watershed HUC# (if known) **111201010406, 111201010407, 111201010505, 111201040101,**

Drainage area (Square miles, est.) **447** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **26** # of structures **44** Critical facilities **0**

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

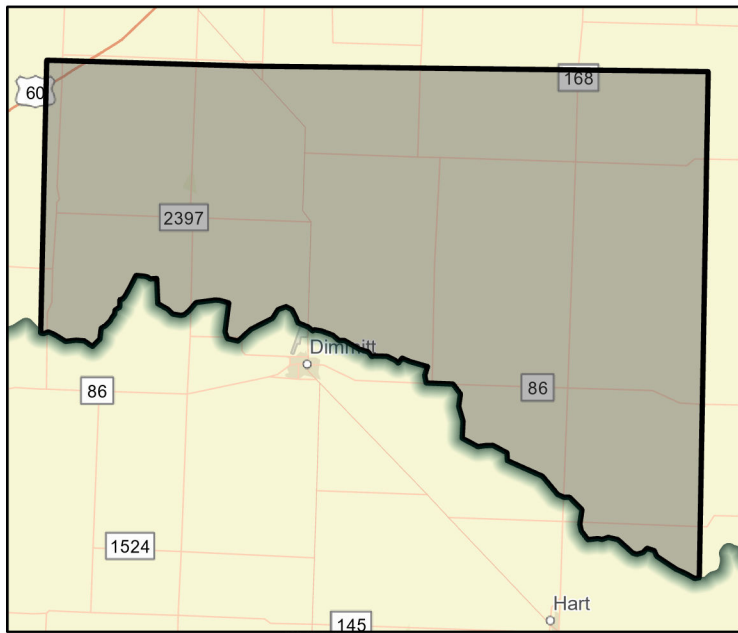
Farm/Ranch land impacted (acres) **19,990** Roadway(s) impacted (length) **74**

Number of low water crossings **8** Historical road closures **53**

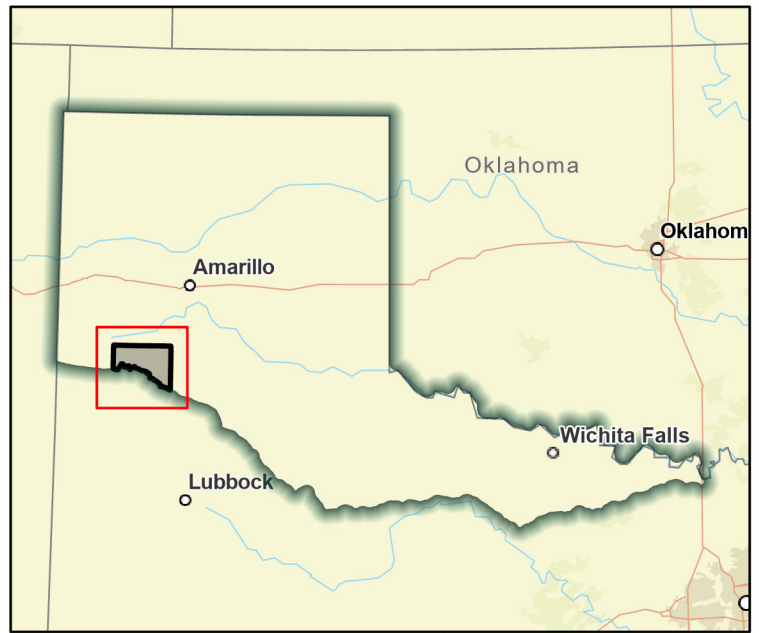
Estimated Cost and Funding Availability

Total Cost **\$873,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Parmer County FIS**

ID# **011000025**

Sponsor (name of entity, not person) **Parmer (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Parmer** Watershed HUC# (if known) **111201010201, 111201010204, 111201010307, 111201010401,**

Drainage area (Square miles, est.) **331** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **107** # of structures **86** Critical facilities **0**

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

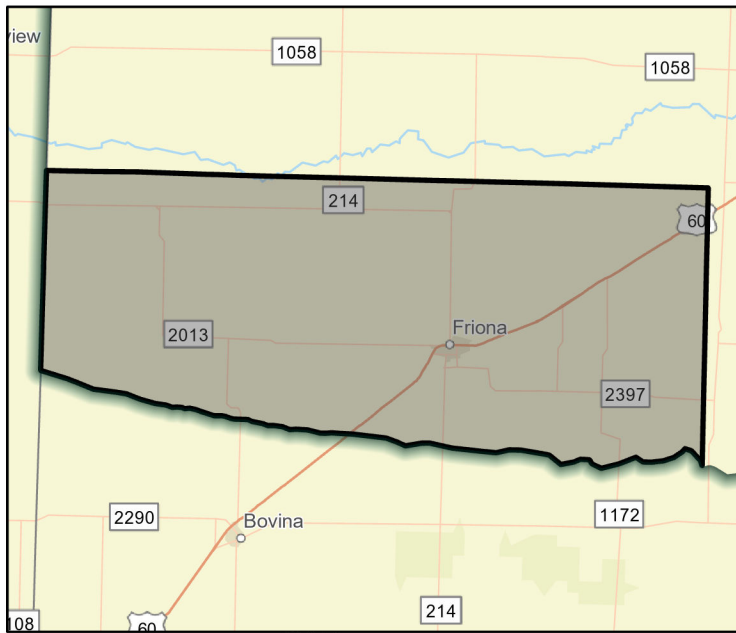
Farm/Ranch land impacted (acres) **13,564** Roadway(s) impacted (length) **66**

Number of low water crossings **5** Historical road closures **11**

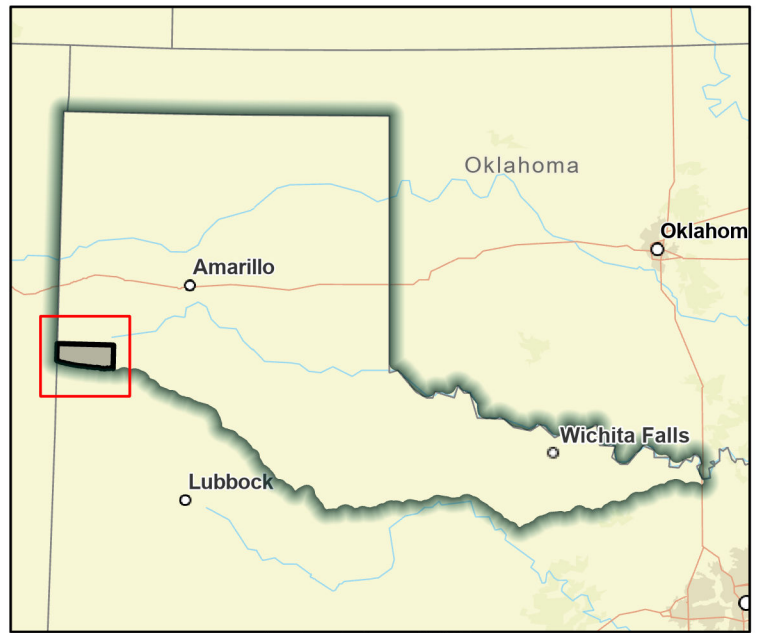
Estimated Cost and Funding Availability

Total Cost **\$789,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Region-Wide Dam Safety**

ID# **011000114**

Sponsor (name of entity, not person) **Panhandle Regional Planning Commission**

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

Study Details

Study type **Other**

Study description **Coordinate region-wide investigation into current dam safety status; selected based on stakeholder feedback**

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

County **-** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **34,626** Goal(s) **01000007, 01000008**

100-Year Flood Risk Summary

Population at risk **26,657** # of structures **11,544** Critical facilities **160**

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

Farm/Ranch land impacted (acres) **2,425,094** Roadway(s) impacted (length) **2,299**

Number of low water crossings **791** Historical road closures **1,250**

Estimated Cost and Funding Availability

Total Cost **\$1,718,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Farmers Creek Watershed Authority Dam Evaluation

ID# 011000115

Sponsor (name of entity, not person) Farmers Creek Watershed Authority

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

Study Details

Study type Other

Study description Investigate survey responses of deficient or non-functioning flood protection dams

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

County Montague Watershed HUC# (if known) 111302010209, 111302010502, 111302010504, 111302010505,

Drainage area (Square miles, est.) 121 Goal(s) 01000007, 01000008

100-Year Flood Risk Summary

Population at risk 303 # of structures 197 Critical facilities 0

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

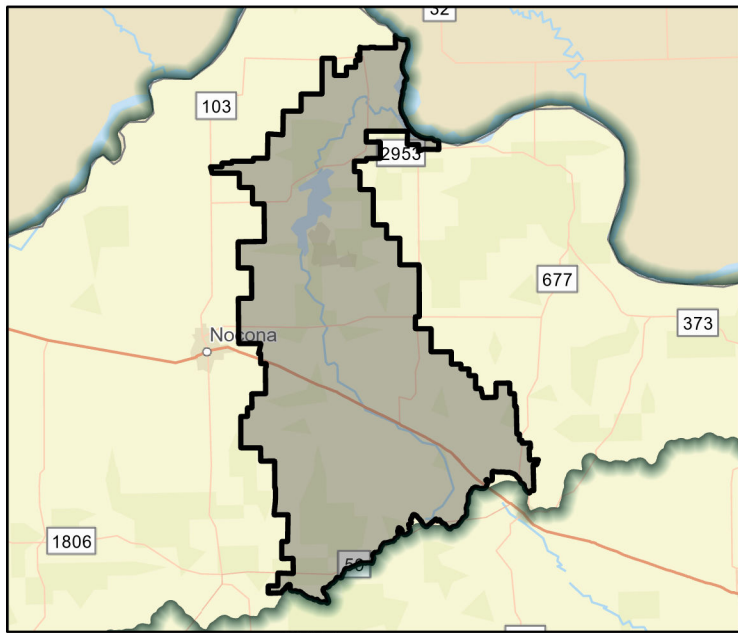
Farm/Ranch land impacted (acres) 9,502 Roadway(s) impacted (length) 8

Number of low water crossings 14 Historical road closures 34

Estimated Cost and Funding Availability

Total Cost \$517,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Megargel City Drainage Master Plan**

ID# **011000092**

Sponsor (name of entity, not person) **Megargel (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Archer** Watershed HUC# (if known) **111302090105**

Drainage area (Square miles, est.) **0** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

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

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

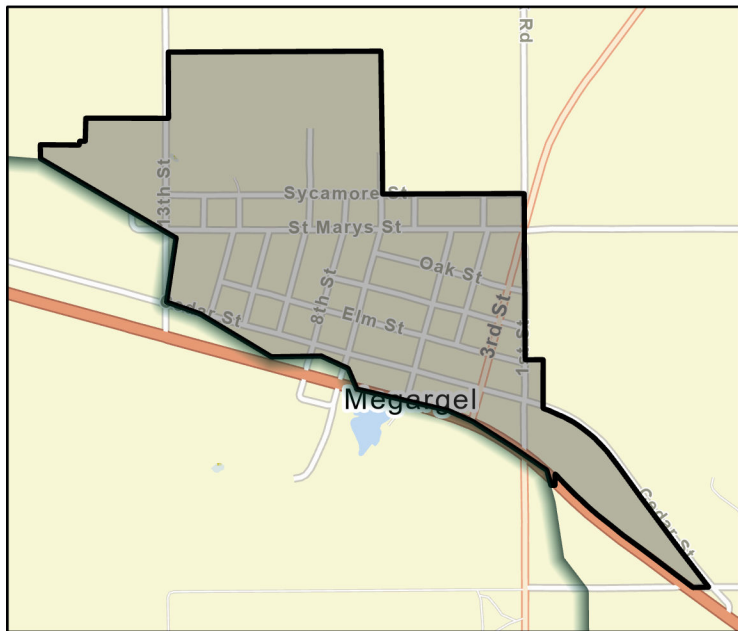
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Seymour City Drainage Master Plan

ID# 011000085

Sponsor (name of entity, not person) Seymour (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains. Only a small portion of the city is within the region.

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

County Baylor Watershed HUC# (if known) 111302060104, 111302060106

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 0

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

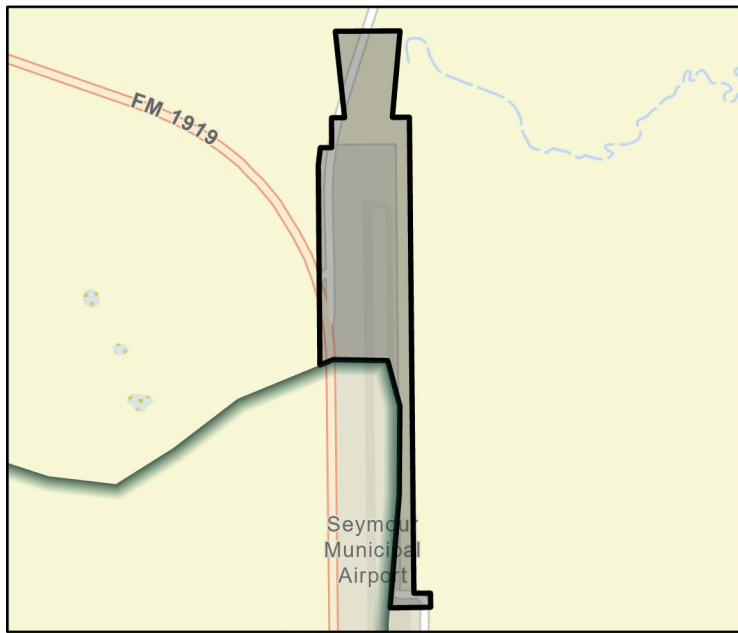
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Seymour GIS Development

ID# 011000108

Sponsor (name of entity, not person) Seymour (Municipality)

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

Study Details

Study type Other
 Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response. Only a small portion of the city is within the region.

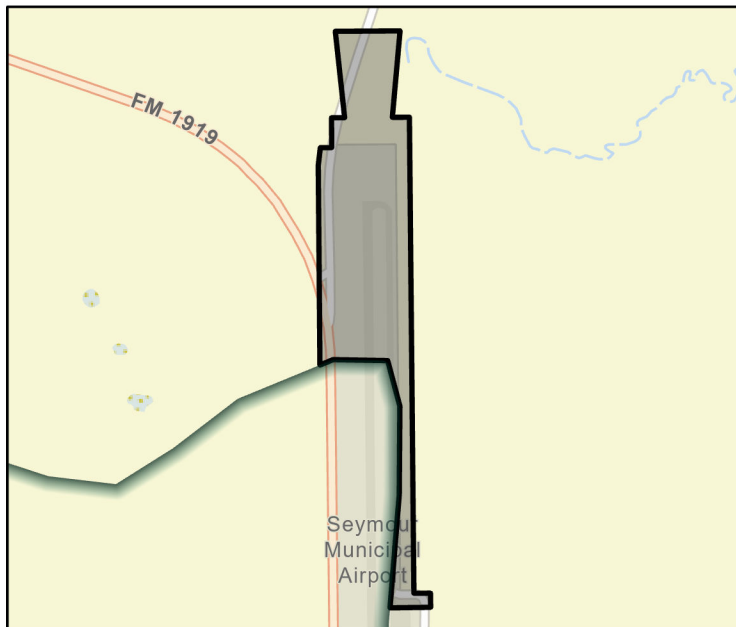
New Hydrologic or Hydraulic model? No Emergency Need? No Existing/Anticipated models in near term? No
 County Baylor Watershed HUC# (if known) 111302060104, 111302060106
 Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 0
 Flood risk type: Riverine? No 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 0

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Farmers-Mud Dams

ID# 011000214

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 7 dams to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

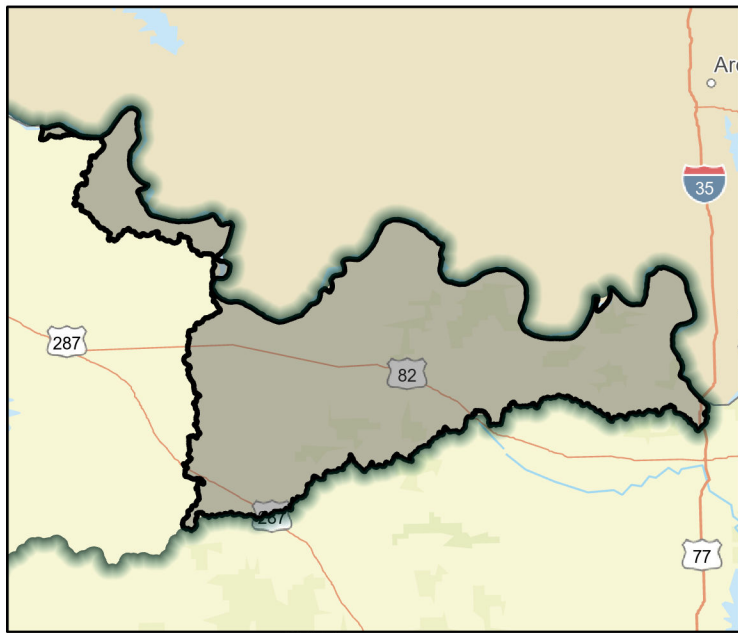
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Cooke, Montague, Clay Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 833 Goal(s) 01000007

100-Year Flood Risk Summary

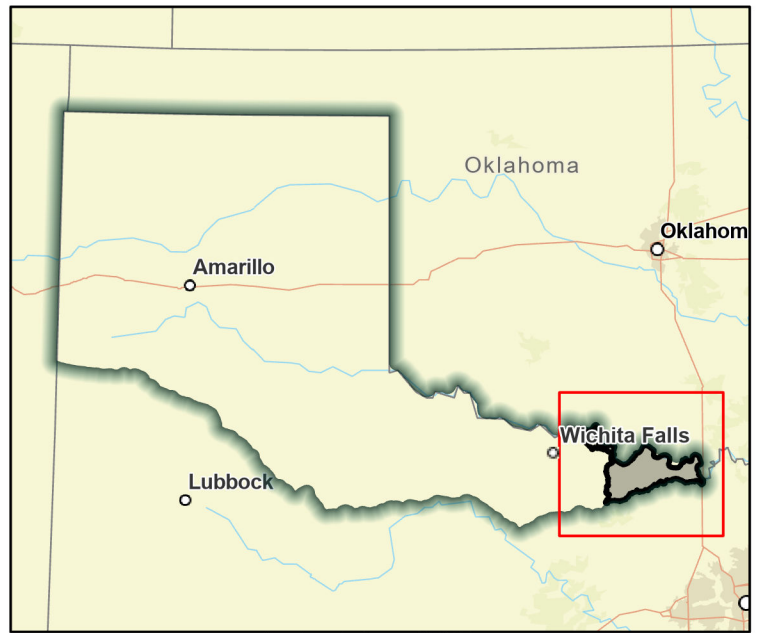
Population at risk 456 # of structures 310 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 85,688 Roadway(s) impacted (length) 52
 Number of low water crossings 71 Historical road closures 71

Estimated Cost and Funding Availability

Total Cost \$321,000 Amount of Available Funding 32,100 Federal funding availability Yes
 Funding source Upper Elm-Red SWCD



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wichita County FIS**

ID# **011000038**

Sponsor (name of entity, not person) **Wichita (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Update flood insurance study for the county and develop regulatory mapping**

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

County **Wichita** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **617** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **10,515** # of structures **3,986** Critical facilities **72**

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

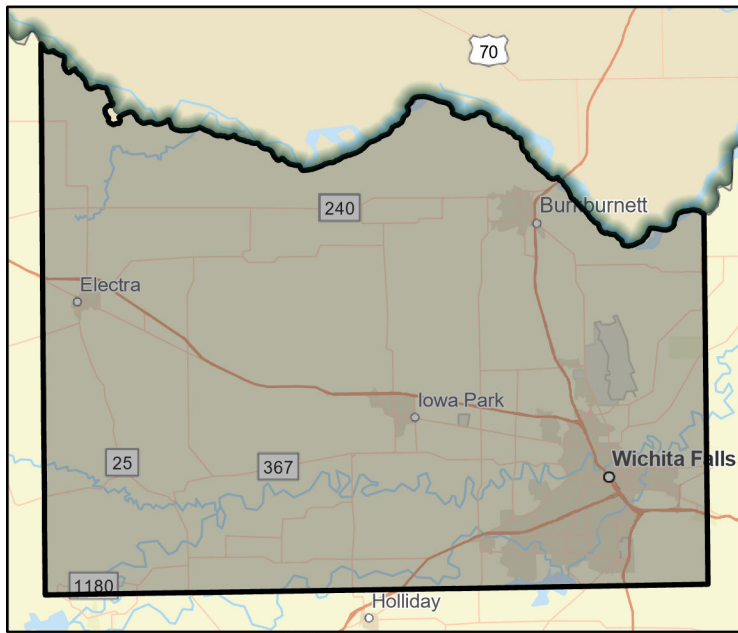
Farm/Ranch land impacted (acres) **49,700** Roadway(s) impacted (length) **193**

Number of low water crossings **170** Historical road closures **267**

Estimated Cost and Funding Availability

Total Cost **\$643,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Wichita County Drainage Master Plan

ID# 011000189

Sponsor (name of entity, not person) Wichita (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on stakeholder feedback.

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

County Wichita Watershed HUC# (if known) -

Drainage area (Square miles, est.) 617 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 10,515 # of structures 3,986 Critical facilities 72

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

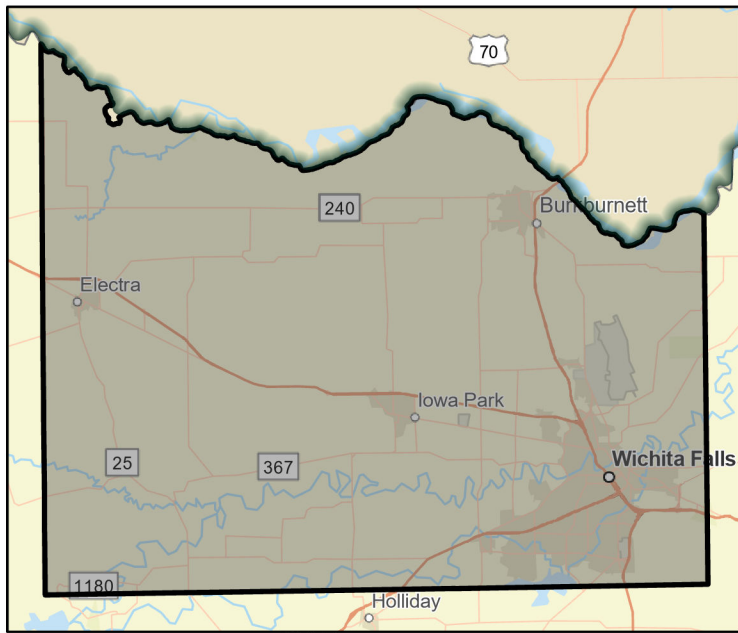
Farm/Ranch land impacted (acres) 49,700 Roadway(s) impacted (length) 193

Number of low water crossings 170 Historical road closures 267

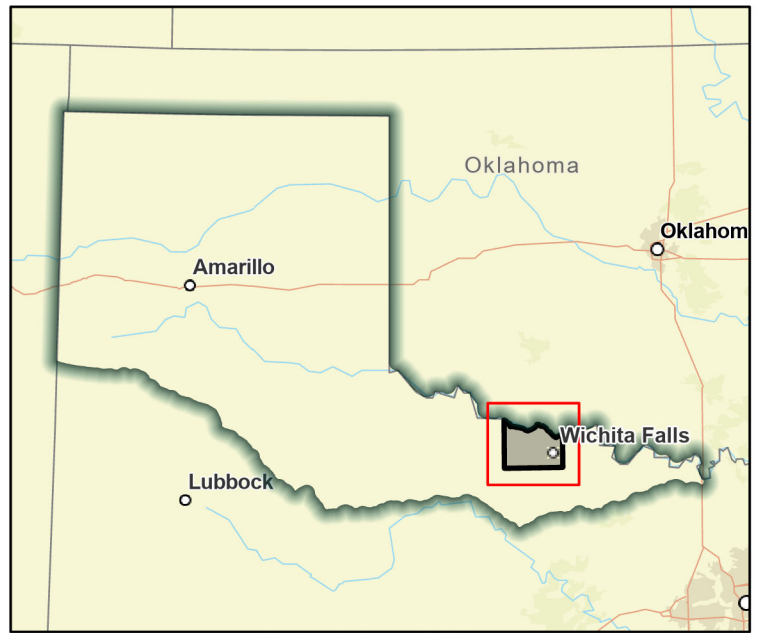
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wichita County Streams Evaluation**

ID# **011000215**

Sponsor (name of entity, not person) **Wichita (County)**

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

Study Details

Study type **Watershed Planning**
 Study description **Perform hydrologic, hydraulic, and geomorphic assessments of County- and drainage district-maintained channels to identify long-term, reach-level solutions for drainage capacity and channel stability issues**

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

County **Wichita** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **617** Goal(s) **01000001, 01000002**

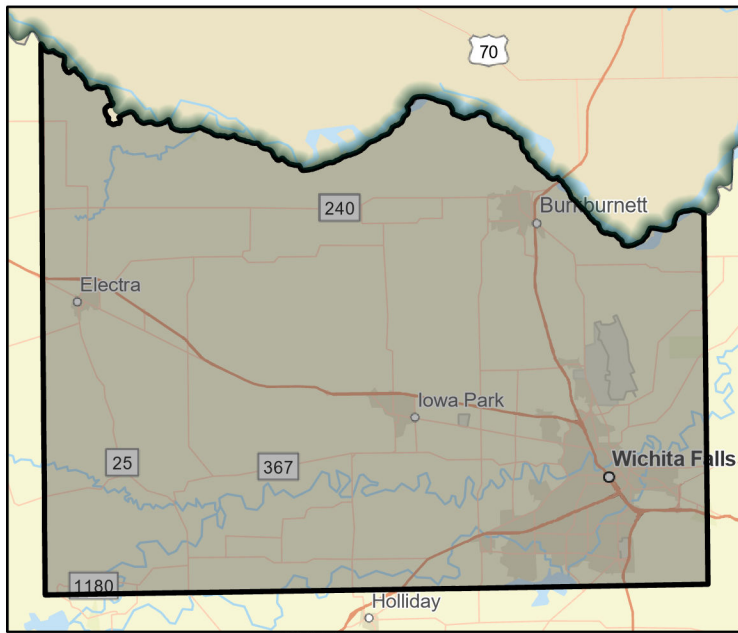
100-Year Flood Risk Summary

Population at risk **10,515** # of structures **3,986** Critical facilities **72**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **Yes** Other? **No**
 Farm/Ranch land impacted (acres) **51,683** Roadway(s) impacted (length) **193**
 Number of low water crossings **169** Historical road closures **169**

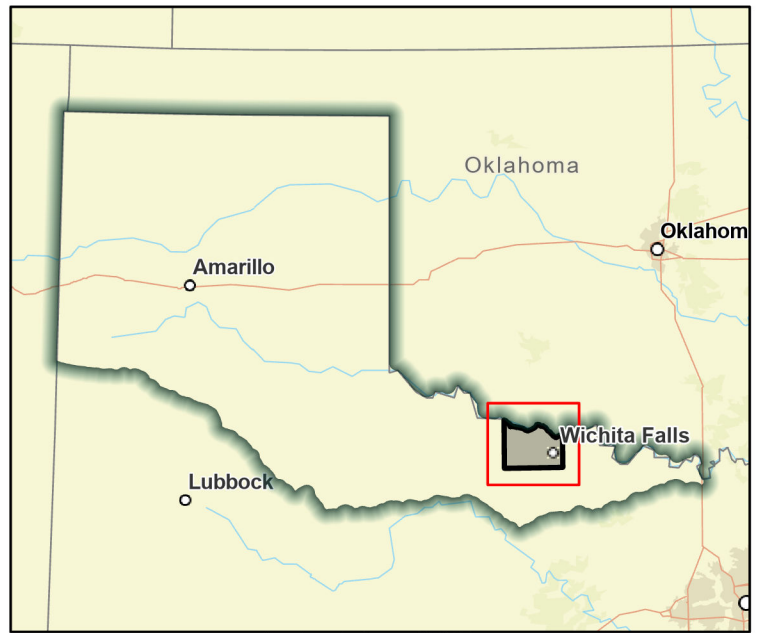
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Foard County FIS

ID# 011000003

Sponsor (name of entity, not person) Foard (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Foard Watershed HUC# (if known) -

Drainage area (Square miles, est.) 703 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 10 # of structures 23 Critical facilities 0

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

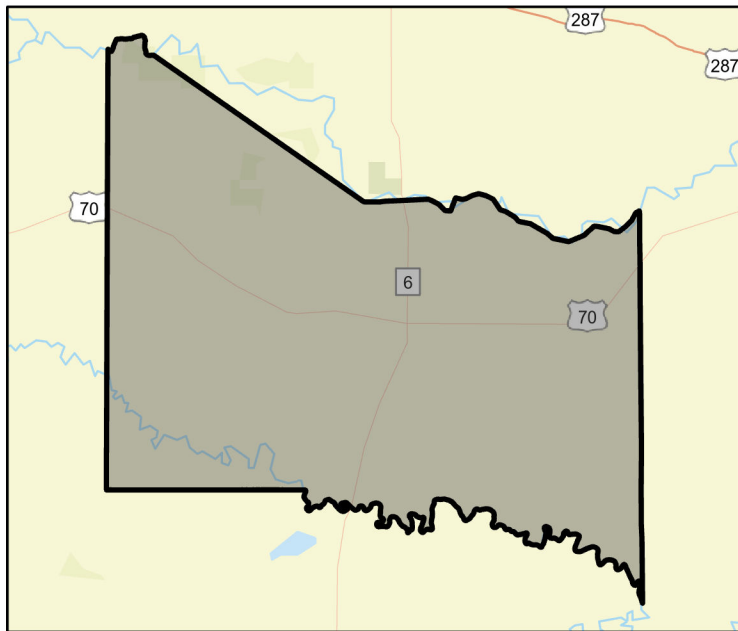
Farm/Ranch land impacted (acres) 58,148 Roadway(s) impacted (length) 36

Number of low water crossings 4 Historical road closures 5

Estimated Cost and Funding Availability

Total Cost \$749,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Cottle County FIS

ID# 011000004

Sponsor (name of entity, not person) Cottle (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Cottle Watershed HUC# (if known) -

Drainage area (Square miles, est.) 900 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 3 # of structures 7 Critical facilities 0

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

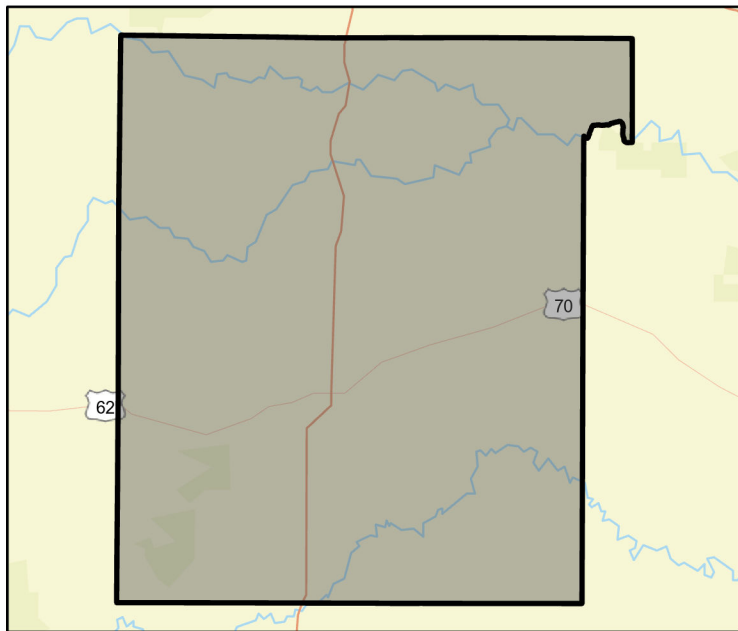
Farm/Ranch land impacted (acres) 71,381 Roadway(s) impacted (length) 33

Number of low water crossings 5 Historical road closures 5

Estimated Cost and Funding Availability

Total Cost \$926,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Motley County FIS**

ID# **011000005**

Sponsor (name of entity, not person) **Motley (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Motley** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **988** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **102** # of structures **114** Critical facilities **0**

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

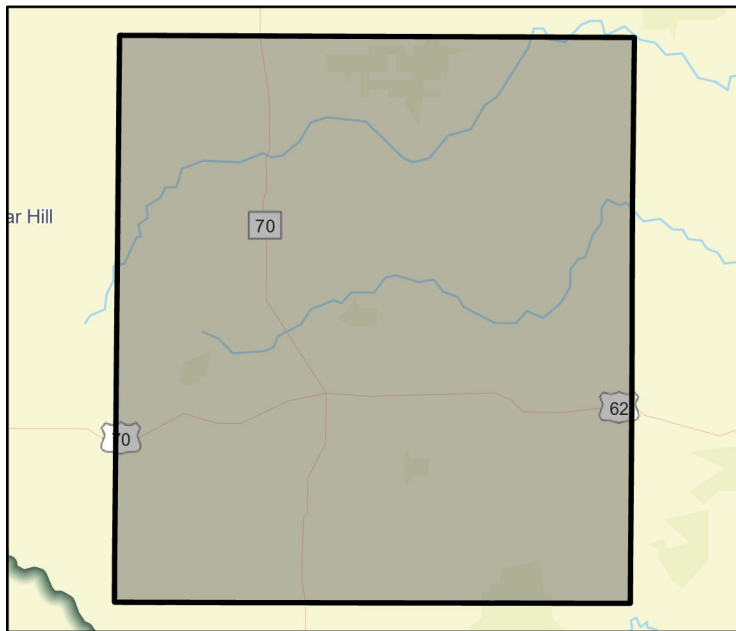
Farm/Ranch land impacted (acres) **80,008** Roadway(s) impacted (length) **23**

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

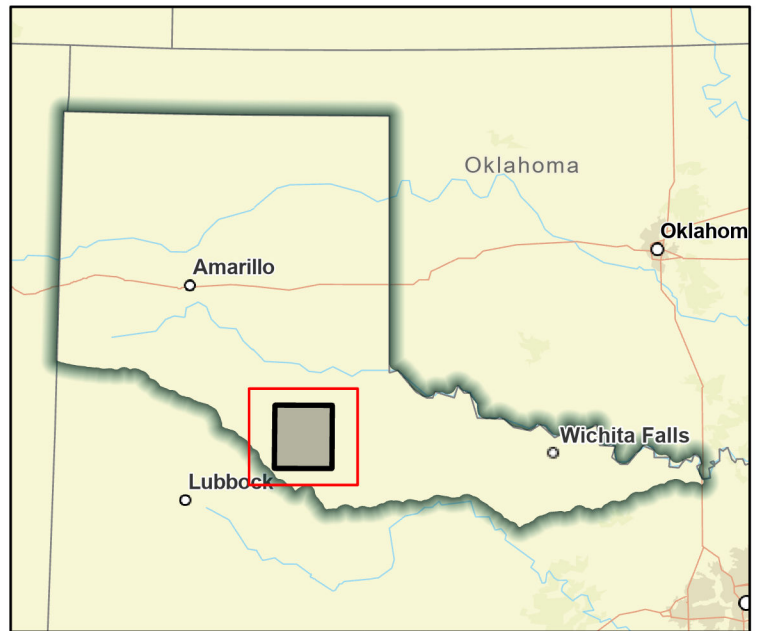
Estimated Cost and Funding Availability

Total Cost **\$974,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wilbarger County Drainage Master Plan**

ID# **011000046**

Sponsor (name of entity, not person) **Wilbarger (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Wilbarger** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **976** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **520** # of structures **132** Critical facilities **2**

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

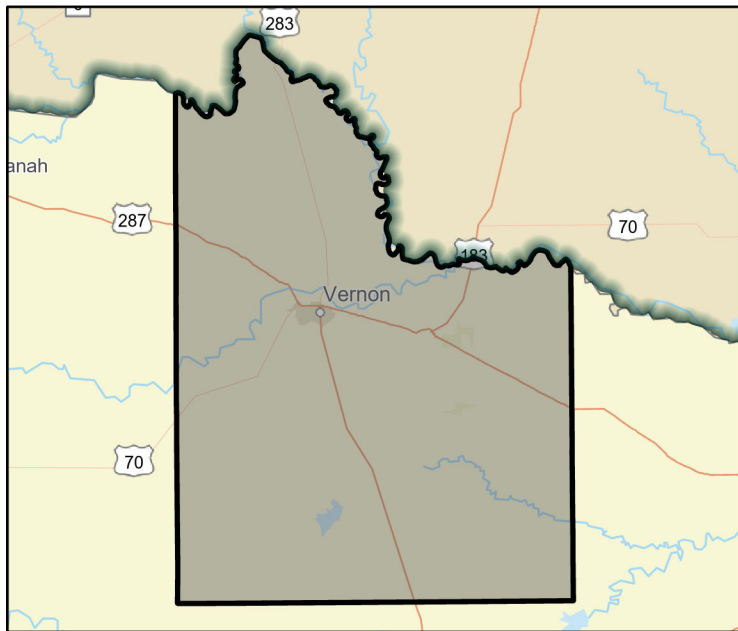
Farm/Ranch land impacted (acres) **101,721** Roadway(s) impacted (length) **88**

Number of low water crossings **39** Historical road closures **45**

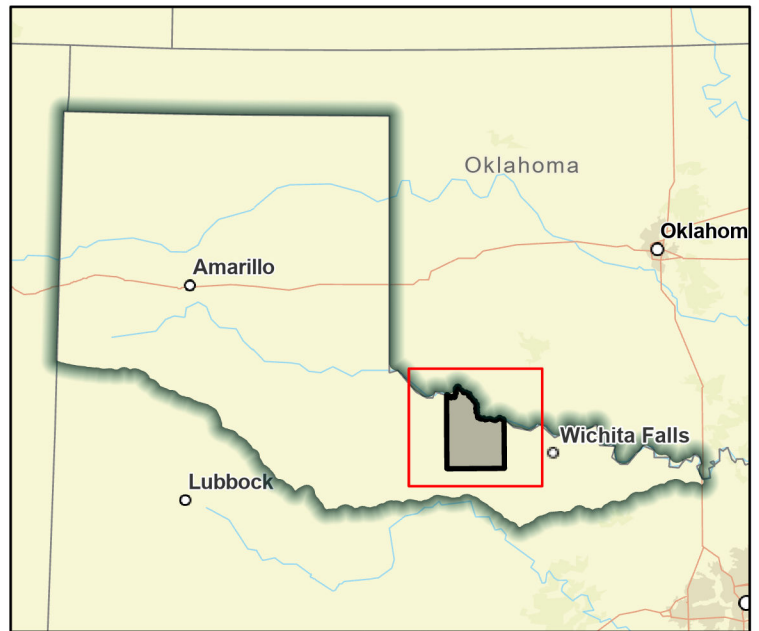
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wilbarger County FIS**

ID# **011000007**

Sponsor (name of entity, not person) **Wilbarger (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Wilbarger** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **976** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **520** # of structures **132** Critical facilities **2**

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

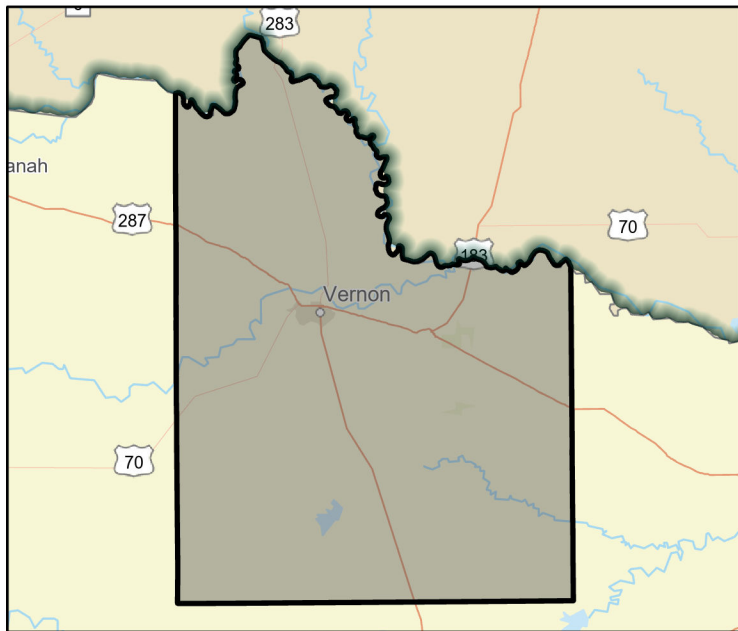
Farm/Ranch land impacted (acres) **101,721** Roadway(s) impacted (length) **88**

Number of low water crossings **39** Historical road closures **45**

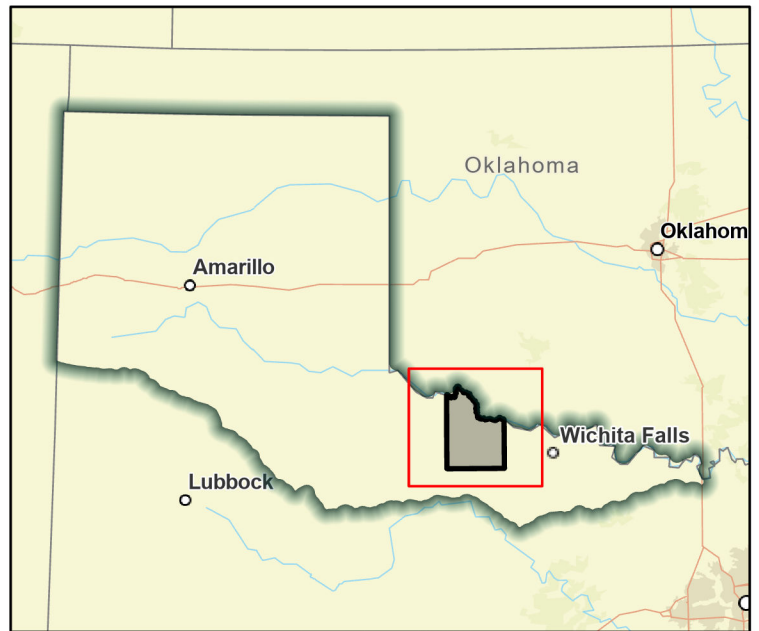
Estimated Cost and Funding Availability

Total Cost **\$983,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hardeman County FIS**

ID# **011000008**

Sponsor (name of entity, not person) **Hardeman (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Hardeman** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **696** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **133** # of structures **43** Critical facilities **0**

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

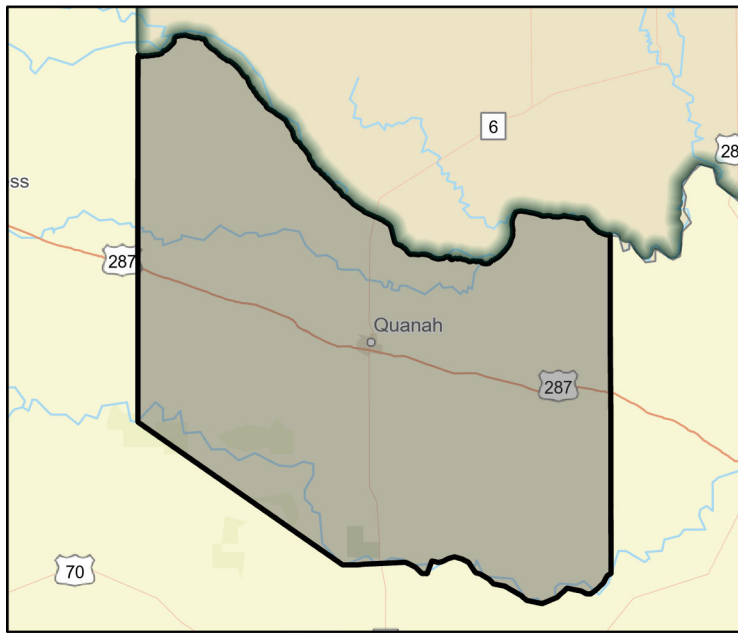
Farm/Ranch land impacted (acres) **59,007** Roadway(s) impacted (length) **54**

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

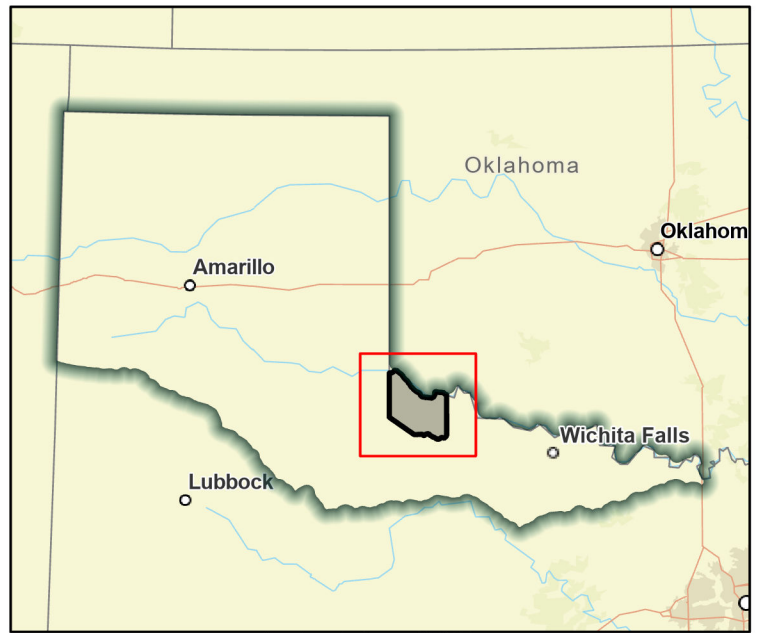
Estimated Cost and Funding Availability

Total Cost **\$678,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Carson County Drainage Master Plan

ID# 011000049

Sponsor (name of entity, not person) Carson (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Carson Watershed HUC# (if known) -

Drainage area (Square miles, est.) 925 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 190 # of structures 87 Critical facilities 4

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

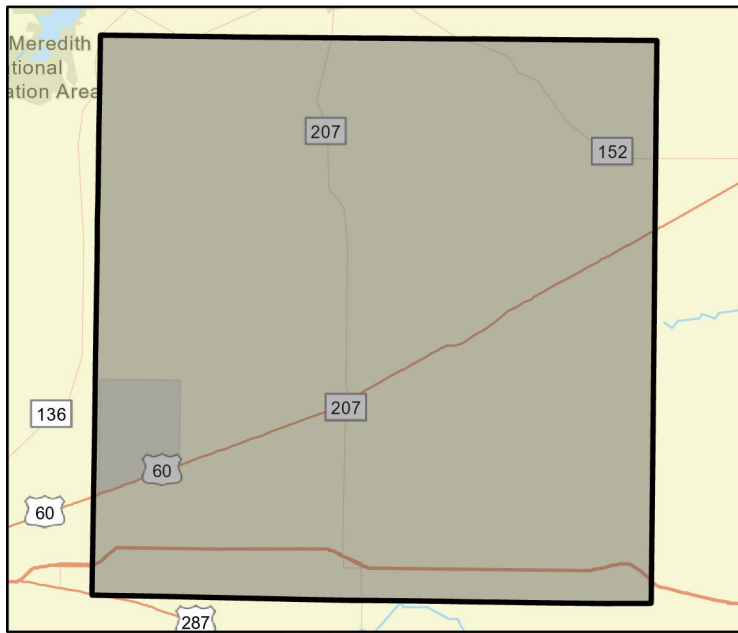
Farm/Ranch land impacted (acres) 43,318 Roadway(s) impacted (length) 36

Number of low water crossings 10 Historical road closures 12

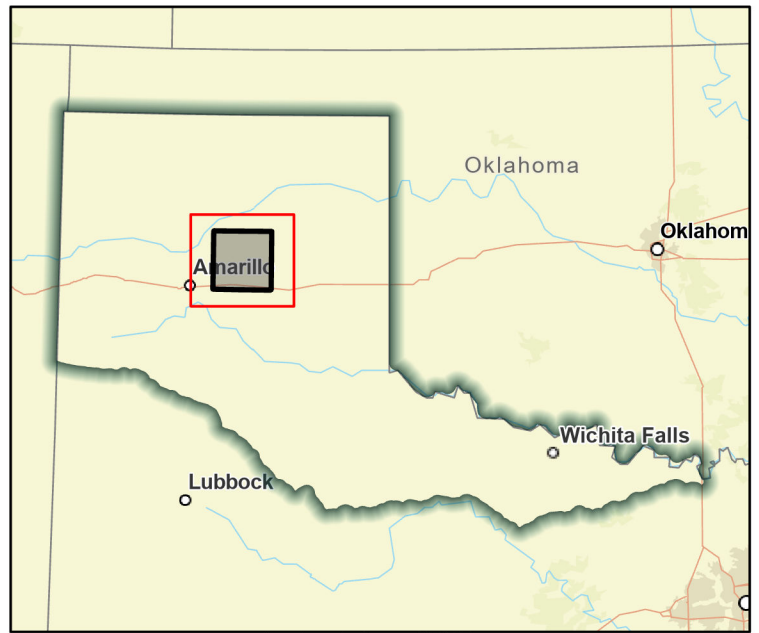
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Carson County FIS

ID# 011000013

Sponsor (name of entity, not person) Carson (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Carson Watershed HUC# (if known) -

Drainage area (Square miles, est.) 925 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 190 # of structures 87 Critical facilities 4

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

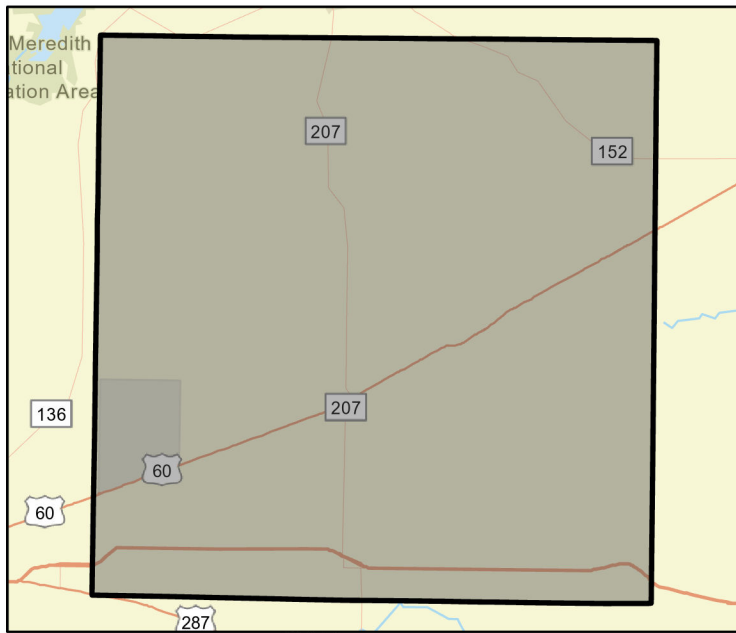
Farm/Ranch land impacted (acres) 43,318 Roadway(s) impacted (length) 36

Number of low water crossings 10 Historical road closures 12

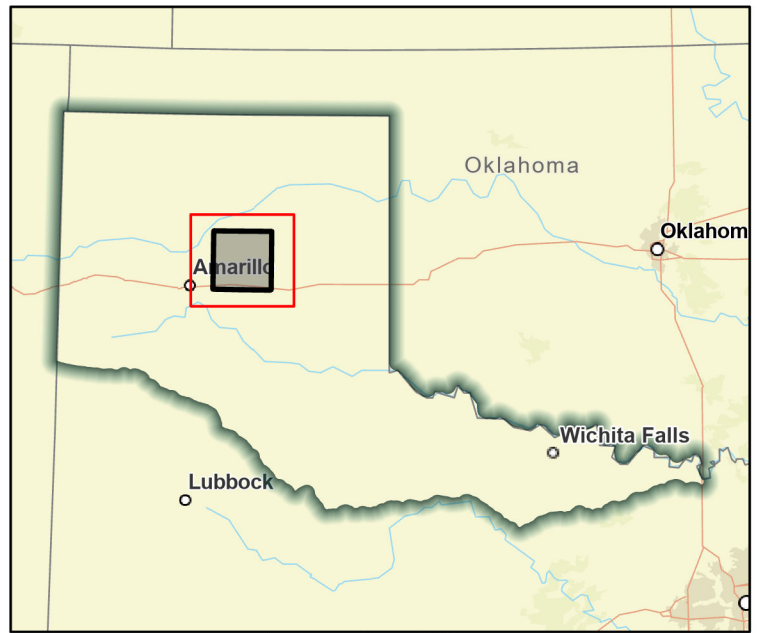
Estimated Cost and Funding Availability

Total Cost \$826,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Potter County FIS**

ID# **011000040**

Sponsor (name of entity, not person) **Potter (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Update flood insurance study for the county and develop regulatory mapping**

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

County **Potter** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **923** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **7,035** # of structures **1,083** Critical facilities **13**

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

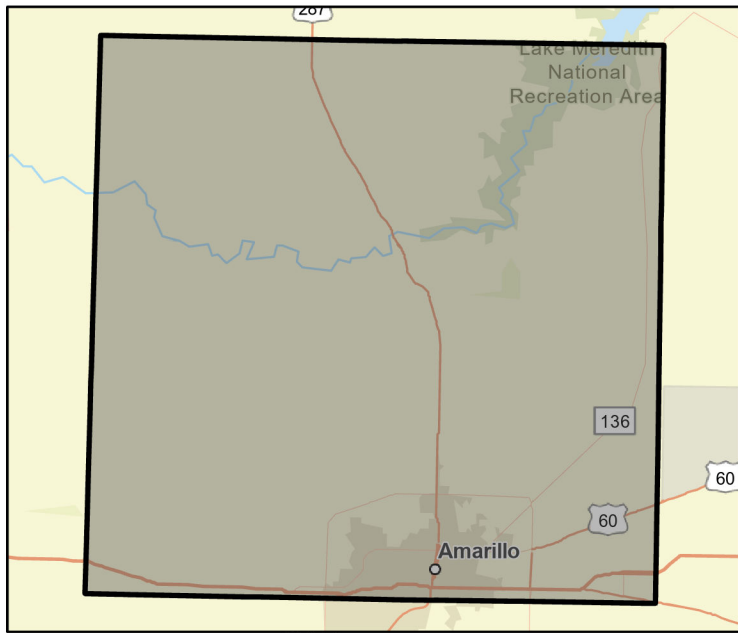
Farm/Ranch land impacted (acres) **53,184** Roadway(s) impacted (length) **79**

Number of low water crossings **14** Historical road closures **14**

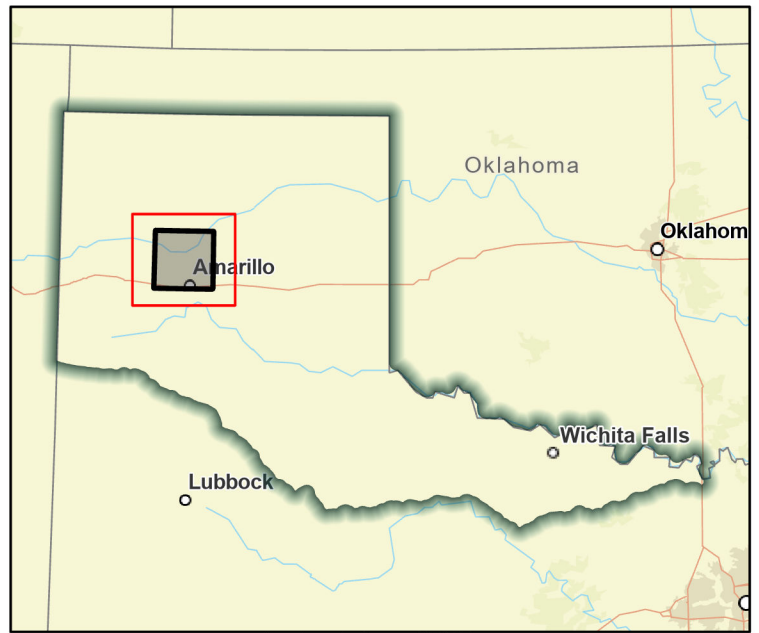
Estimated Cost and Funding Availability

Total Cost **\$929,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Potter County Drainage Master Plan**

ID# **011000050**

Sponsor (name of entity, not person) **Potter (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Potter** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **923** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **7,035** # of structures **1,083** Critical facilities **13**

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

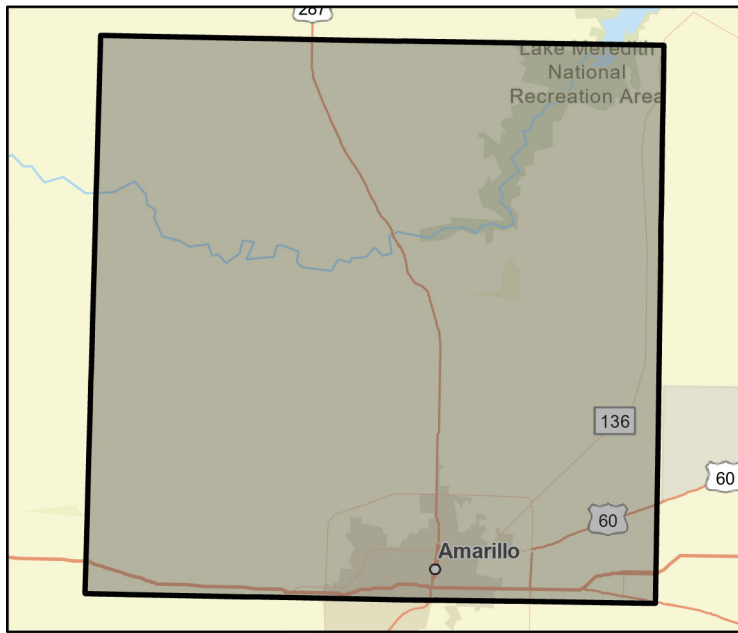
Farm/Ranch land impacted (acres) **53,184** Roadway(s) impacted (length) **79**

Number of low water crossings **14** Historical road closures **14**

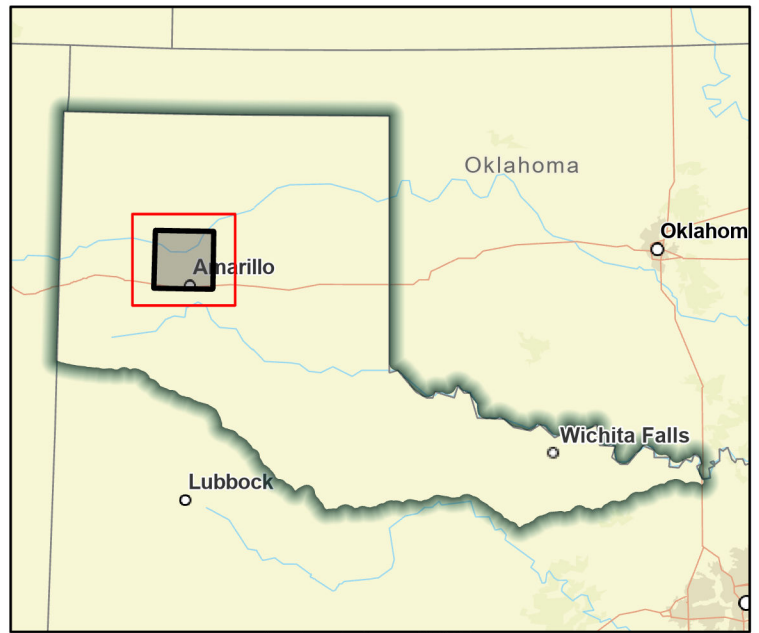
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Potter County GIS Development**

ID# **011000113**

Sponsor (name of entity, not person) **Potter (County)**

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

Study Details

Study type **Other**

Study description **Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response**

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

County **Potter** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **923** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **7,035** # of structures **1,083** Critical facilities **13**

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

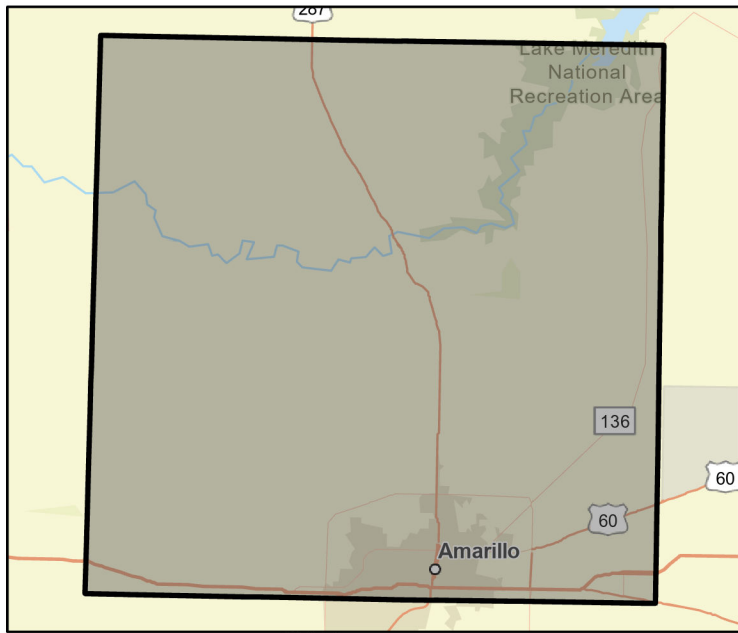
Farm/Ranch land impacted (acres) **53,184** Roadway(s) impacted (length) **79**

Number of low water crossings **14** Historical road closures **14**

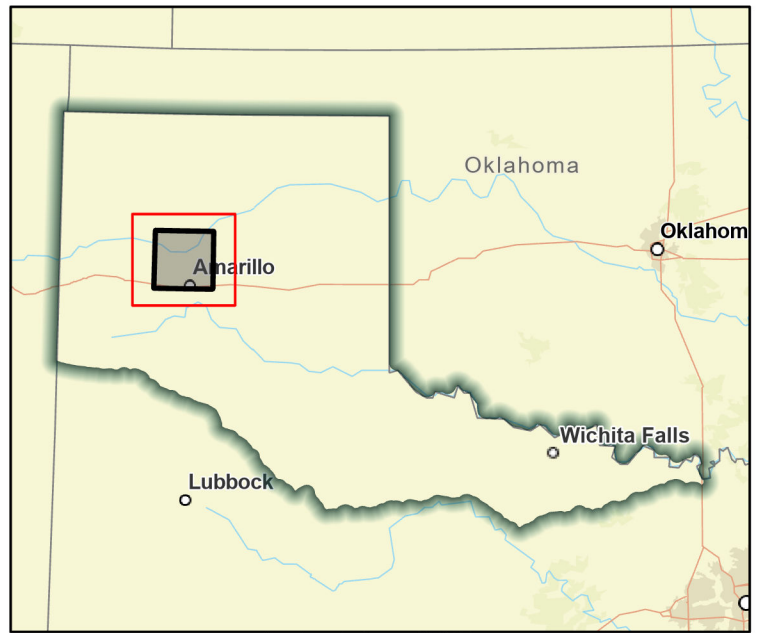
Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Oldham County FIS

ID# 011000014

Sponsor (name of entity, not person) Oldham (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Oldham Watershed HUC# (if known) -

Drainage area (Square miles, est.) 1,503 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 42 # of structures 25 Critical facilities 1

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

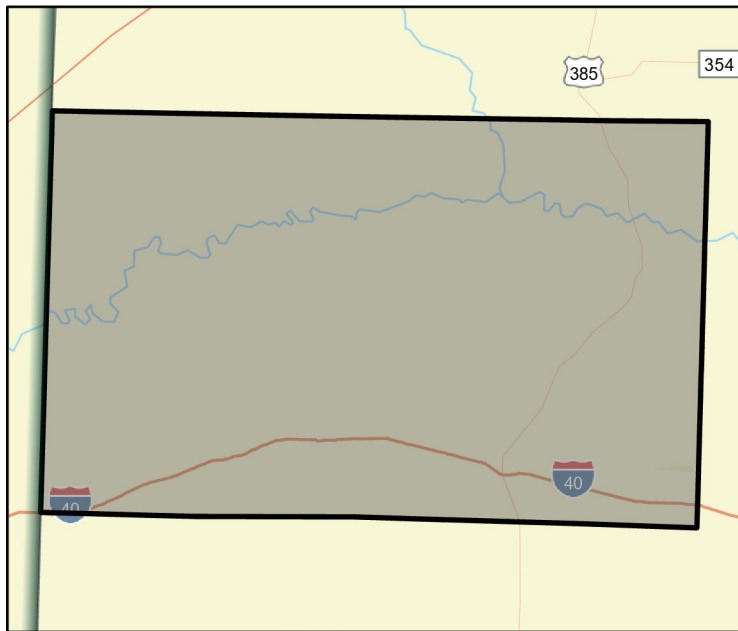
Farm/Ranch land impacted (acres) 95,134 Roadway(s) impacted (length) 9

Number of low water crossings 30 Historical road closures 30

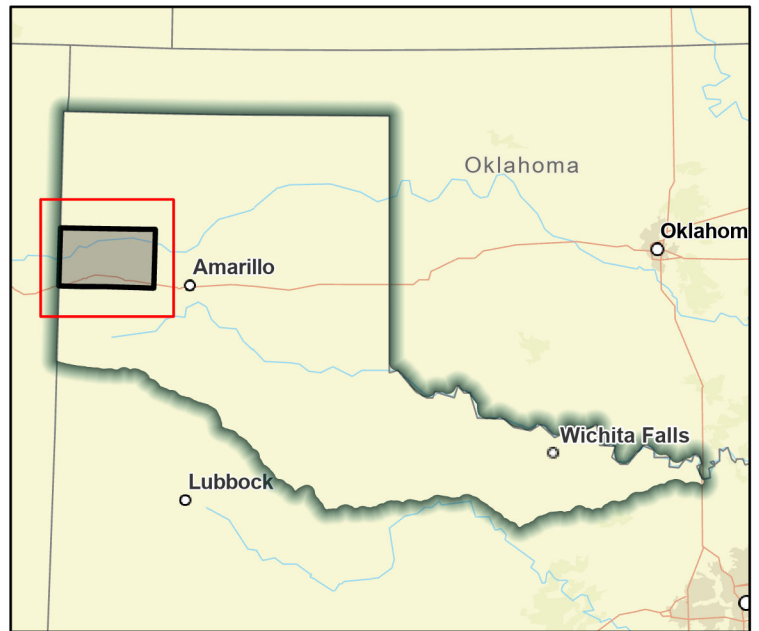
Estimated Cost and Funding Availability

Total Cost \$1,447,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hemphill County FIS**

ID# **011000015**

Sponsor (name of entity, not person) **Hemphill (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Hemphill** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **914** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **76** # of structures **101** Critical facilities **0**

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

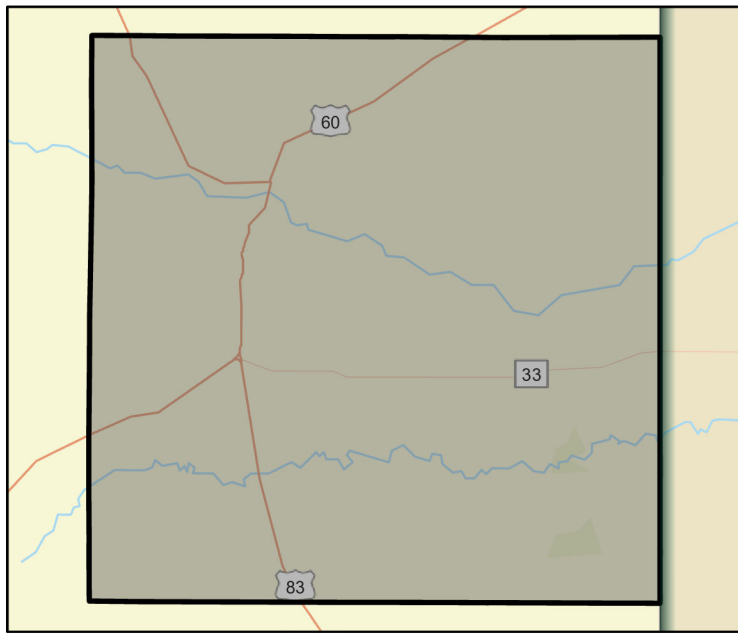
Farm/Ranch land impacted (acres) **77,405** Roadway(s) impacted (length) **30**

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

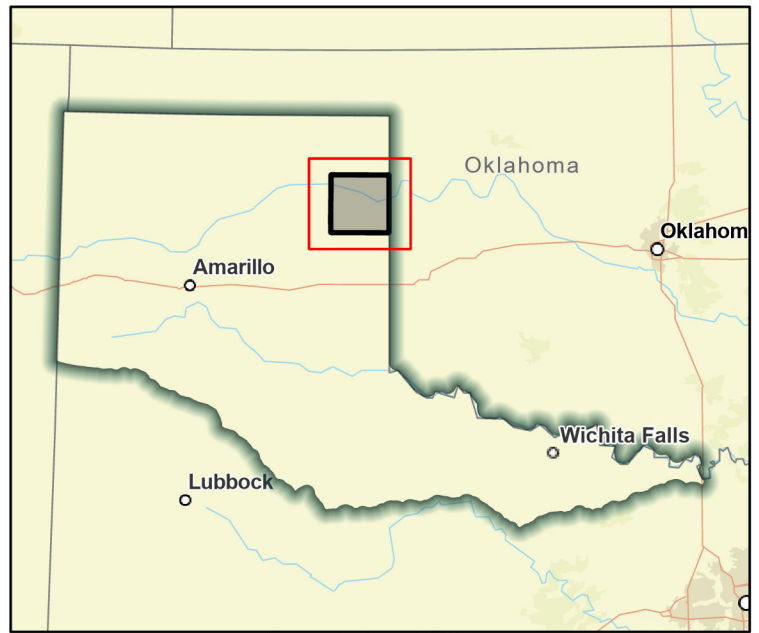
Estimated Cost and Funding Availability

Total Cost **\$887,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Roberts County FIS

ID# 011000016

Sponsor (name of entity, not person) Roberts (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Roberts Watershed HUC# (if known) -

Drainage area (Square miles, est.) 925 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 55 # of structures 90 Critical facilities 2

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

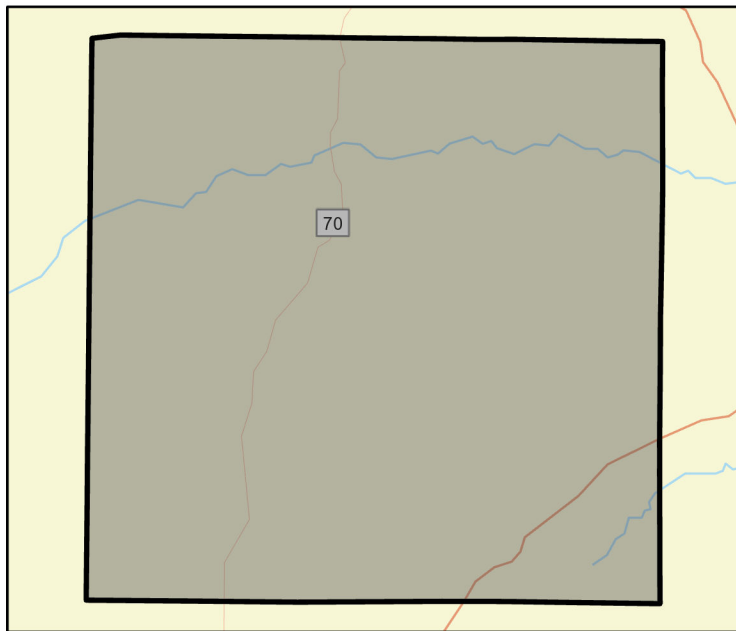
Farm/Ranch land impacted (acres) 91,031 Roadway(s) impacted (length) 21

Number of low water crossings 5 Historical road closures 5

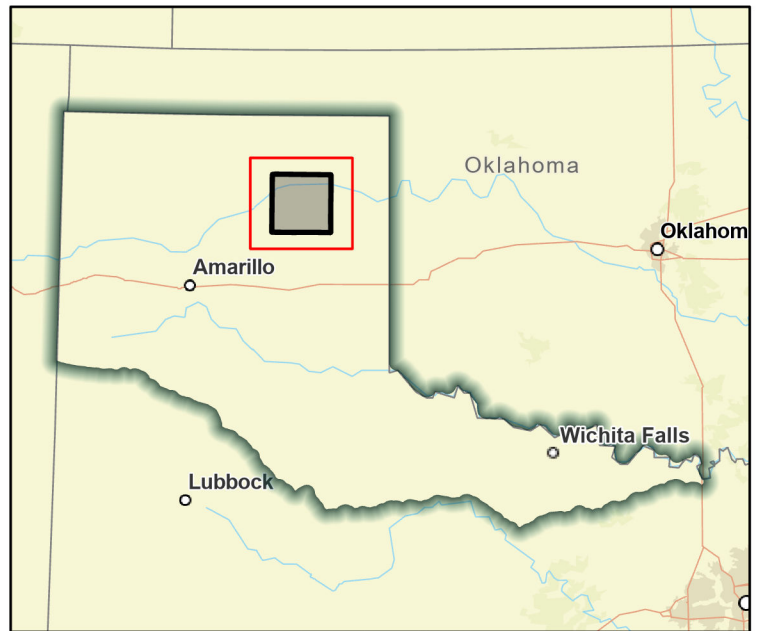
Estimated Cost and Funding Availability

Total Cost \$870,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Roberts County Drainage Master Plan

ID# 011000051

Sponsor (name of entity, not person) Roberts (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Roberts Watershed HUC# (if known) -

Drainage area (Square miles, est.) 925 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 55 # of structures 90 Critical facilities 2

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

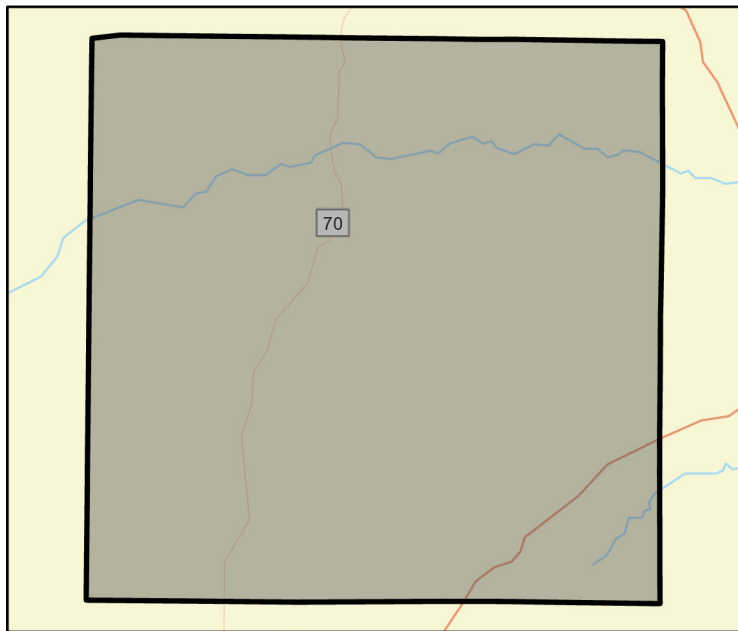
Farm/Ranch land impacted (acres) 91,031 Roadway(s) impacted (length) 21

Number of low water crossings 5 Historical road closures 5

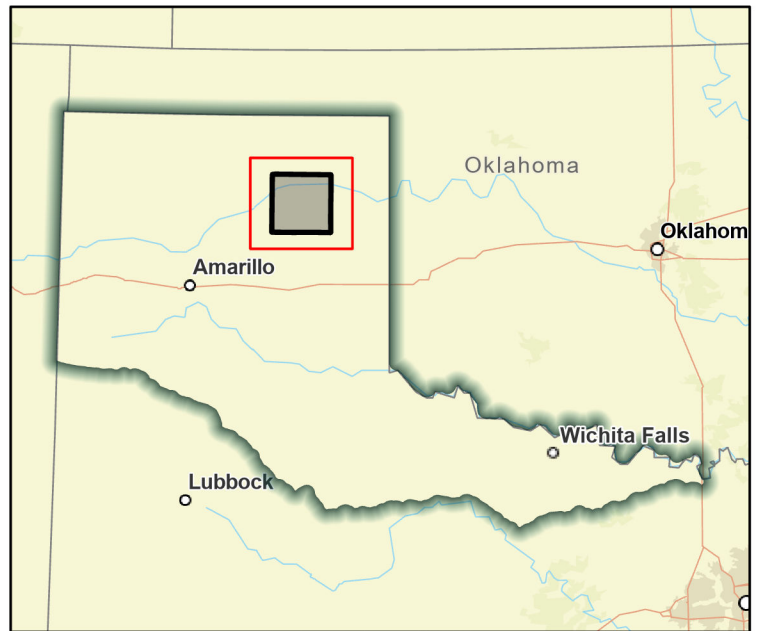
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hutchinson County Drainage Master Plan

ID# 011000052

Sponsor (name of entity, not person) Hutchinson (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Hutchinson Watershed HUC# (if known) -

Drainage area (Square miles, est.) 897 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 587 # of structures 428 Critical facilities 2

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

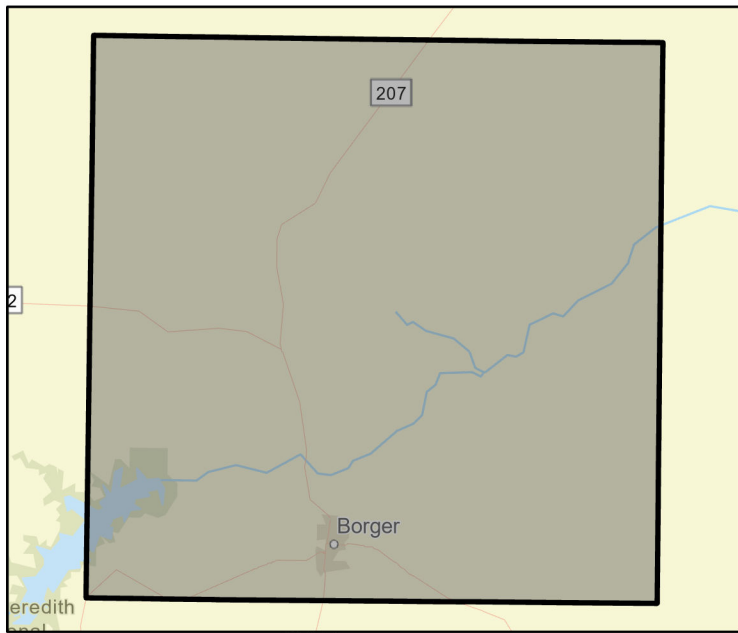
Farm/Ranch land impacted (acres) 70,012 Roadway(s) impacted (length) 30

Number of low water crossings 10 Historical road closures 10

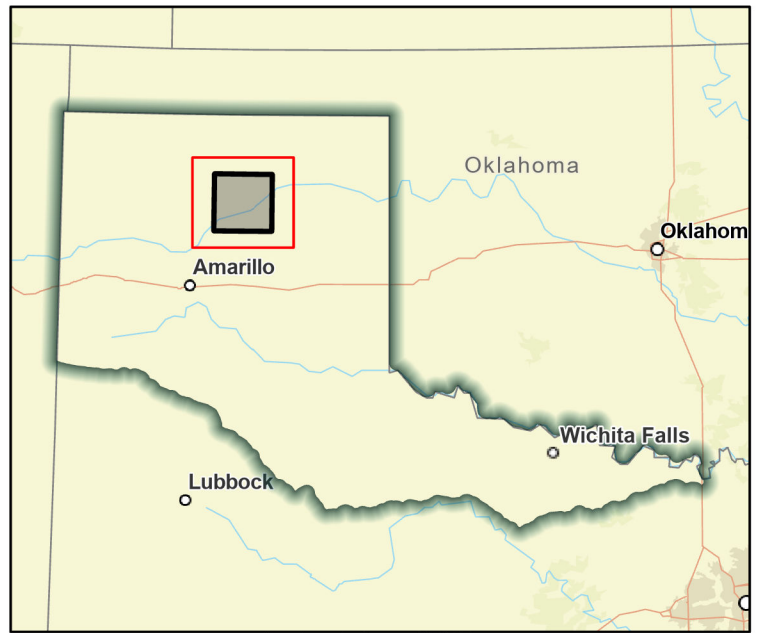
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hutchinson County FIS

ID# 011000017

Sponsor (name of entity, not person) Hutchinson (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Hutchinson Watershed HUC# (if known) -

Drainage area (Square miles, est.) 897 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 587 # of structures 428 Critical facilities 2

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

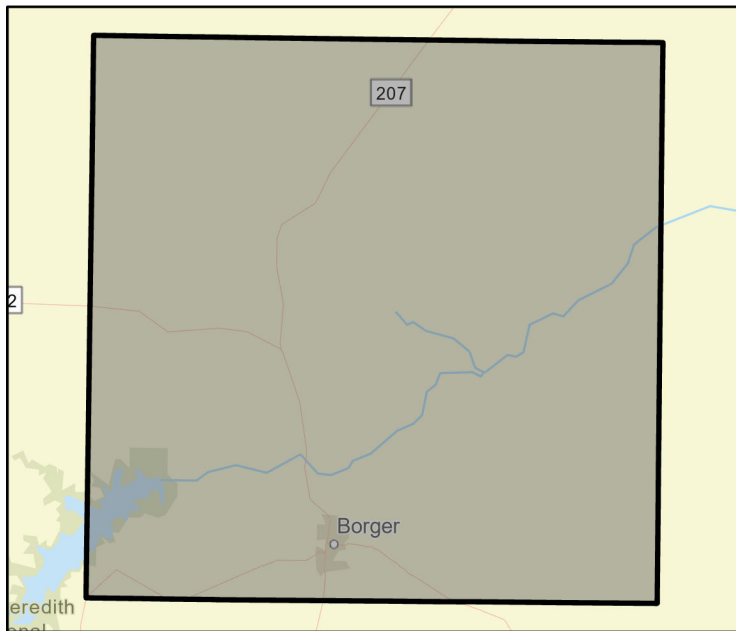
Farm/Ranch land impacted (acres) 70,012 Roadway(s) impacted (length) 30

Number of low water crossings 10 Historical road closures 10

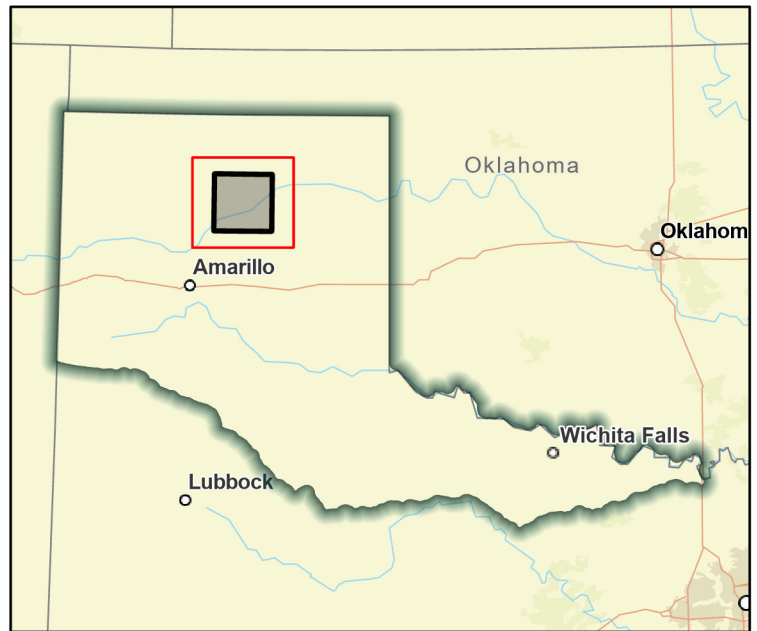
Estimated Cost and Funding Availability

Total Cost \$895,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Moore County FIS**

ID# **011000018**

Sponsor (name of entity, not person) **Moore (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Moore** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **911** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **228** # of structures **75** Critical facilities **4**

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

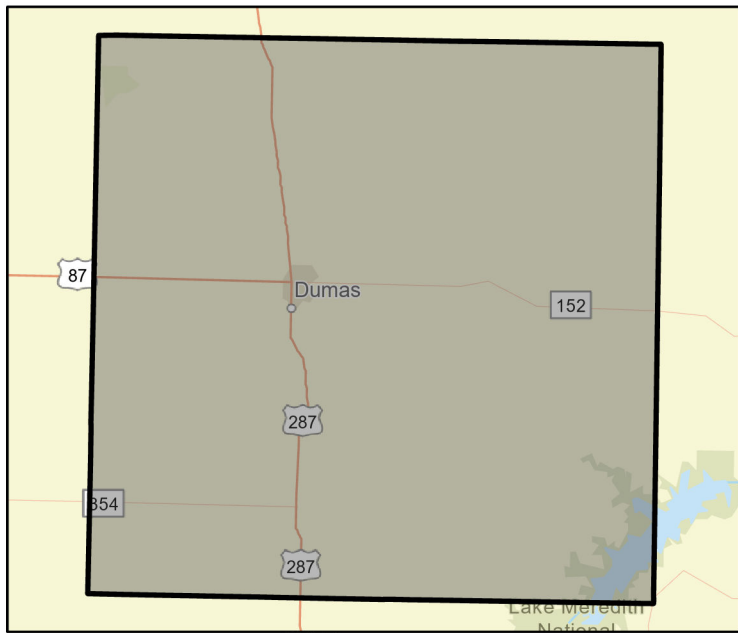
Farm/Ranch land impacted (acres) **38,661** Roadway(s) impacted (length) **29**

Number of low water crossings **10** Historical road closures **13**

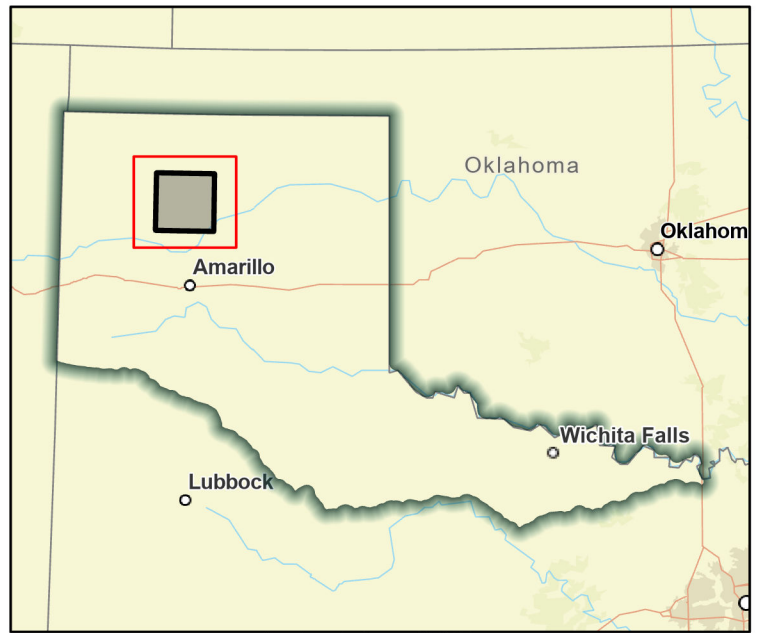
Estimated Cost and Funding Availability

Total Cost **\$835,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hartley County Drainage Master Plan**

ID# **011000053**

Sponsor (name of entity, not person) **Hartley (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Hartley** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **1,466** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **209** # of structures **111** Critical facilities **5**

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

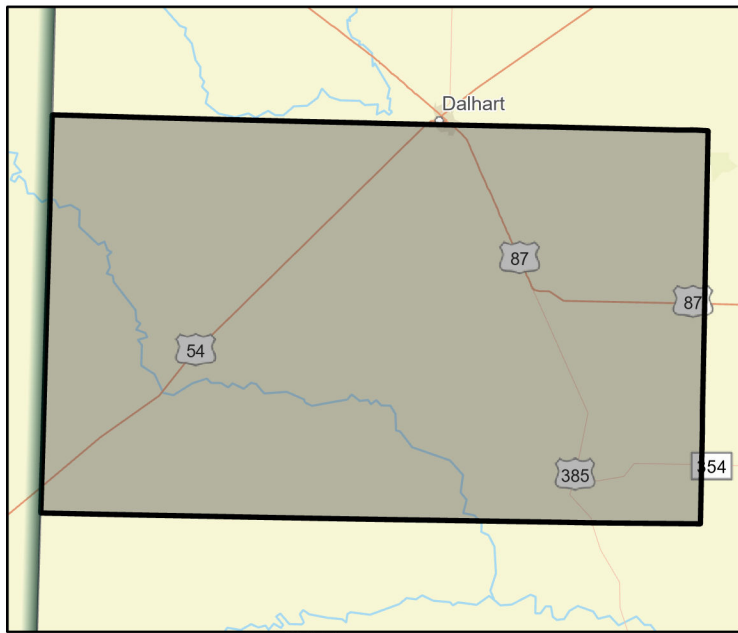
Farm/Ranch land impacted (acres) **91,163** Roadway(s) impacted (length) **83**

Number of low water crossings **61** Historical road closures **63**

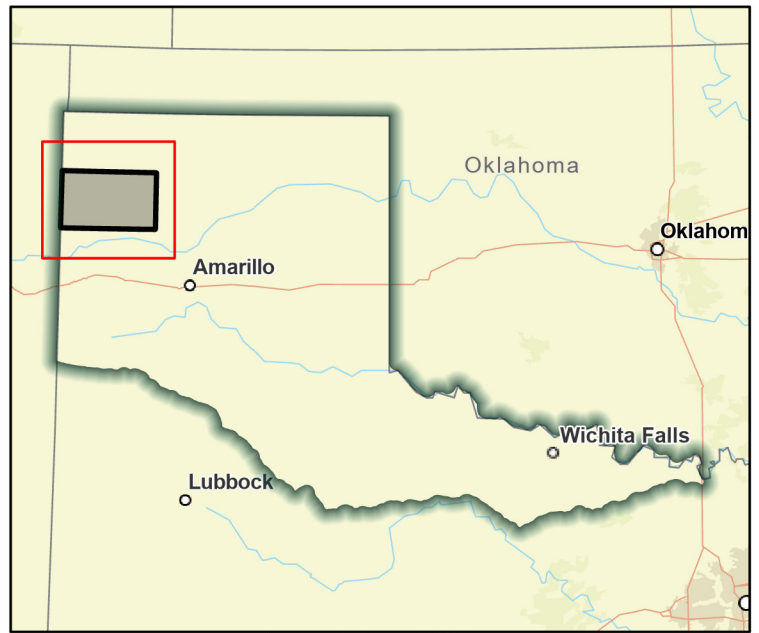
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hartley County FIS**

ID# **011000019**

Sponsor (name of entity, not person) **Hartley (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Hartley** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **1,466** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **209** # of structures **111** Critical facilities **5**

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

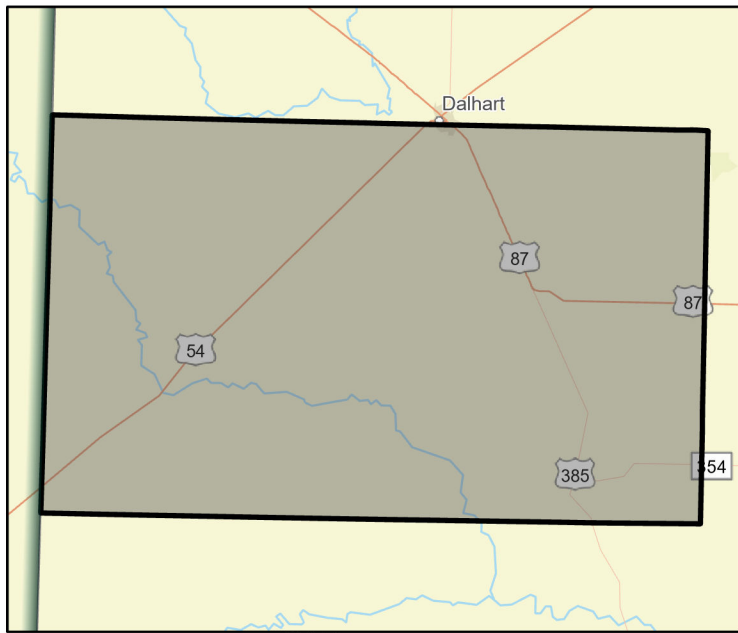
Farm/Ranch land impacted (acres) **91,163** Roadway(s) impacted (length) **83**

Number of low water crossings **61** Historical road closures **63**

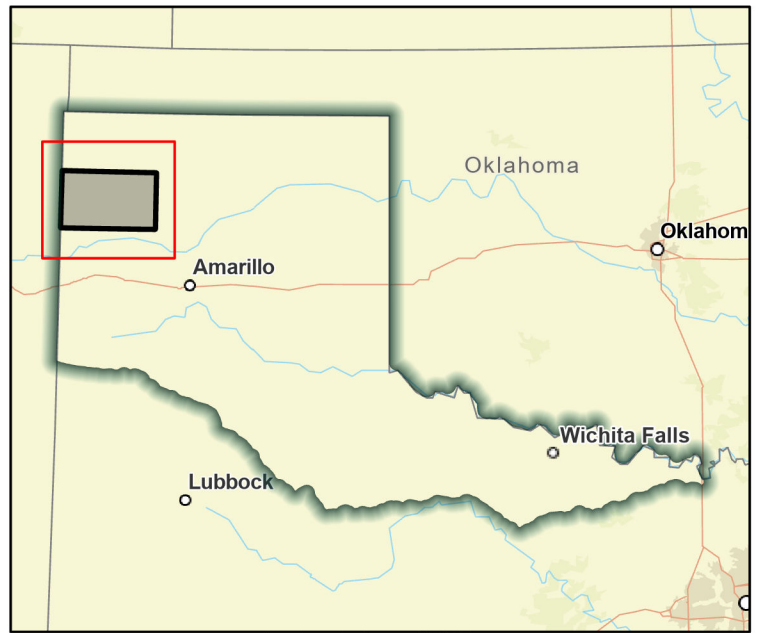
Estimated Cost and Funding Availability

Total Cost **\$1,361,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Childress County Drainage Master Plan

ID# 011000054

Sponsor (name of entity, not person) Childress (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Childress Watershed HUC# (if known) -

Drainage area (Square miles, est.) 713 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 56 # of structures 47 Critical facilities 1

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

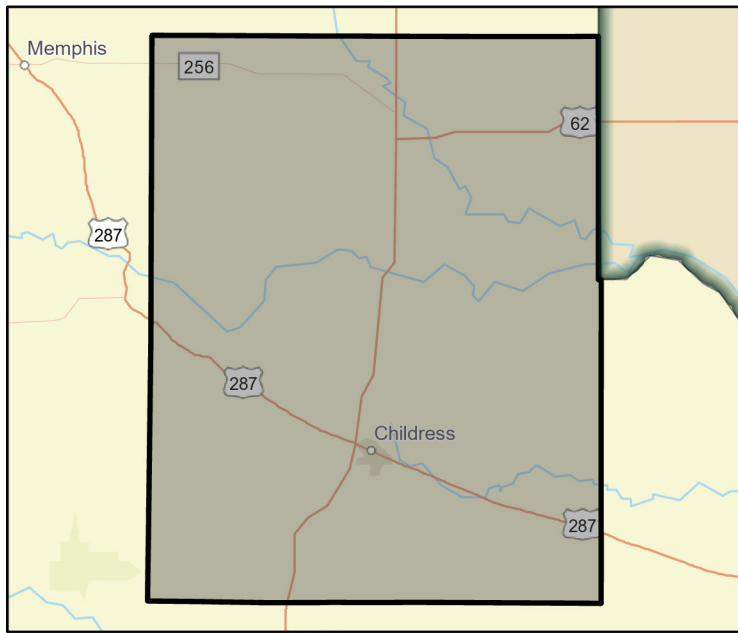
Farm/Ranch land impacted (acres) 65,436 Roadway(s) impacted (length) 52

Number of low water crossings 8 Historical road closures 8

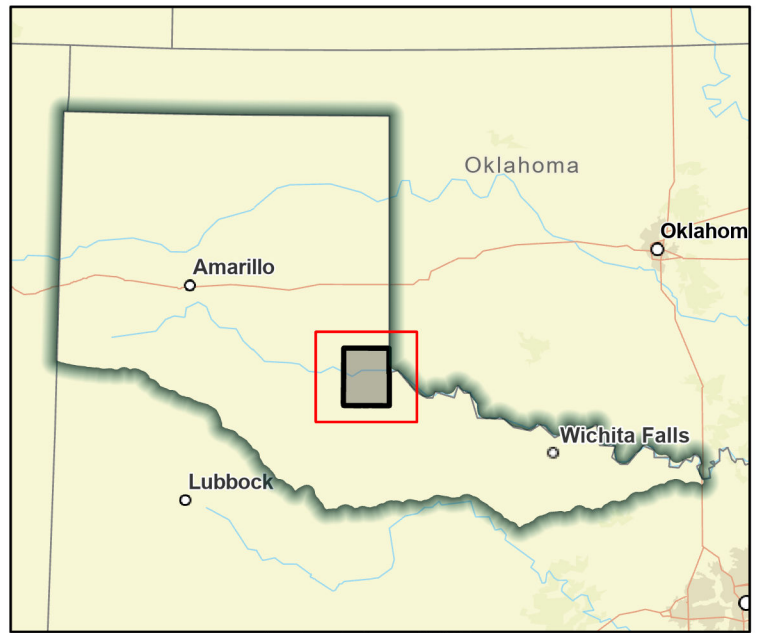
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Childress County FIS

ID# 011000020

Sponsor (name of entity, not person) Childress (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Childress Watershed HUC# (if known) -

Drainage area (Square miles, est.) 713 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 56 # of structures 47 Critical facilities 1

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

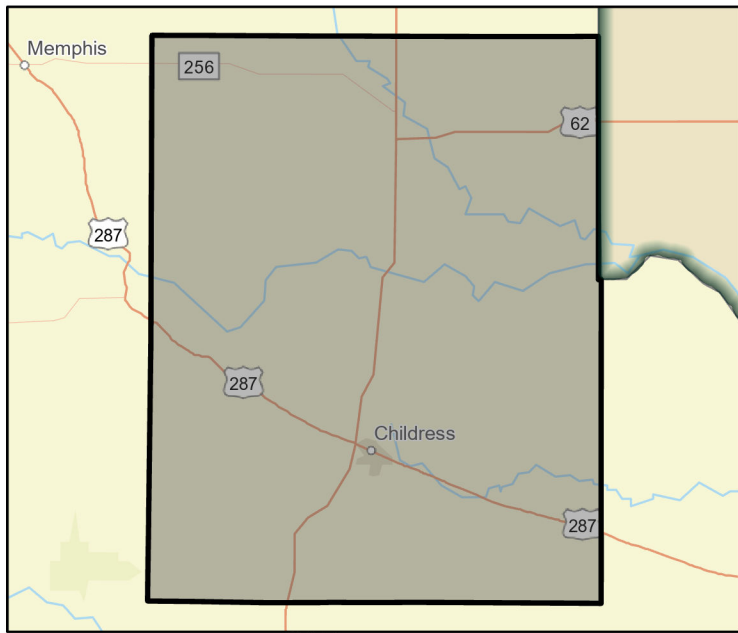
Farm/Ranch land impacted (acres) 65,436 Roadway(s) impacted (length) 52

Number of low water crossings 8 Historical road closures 8

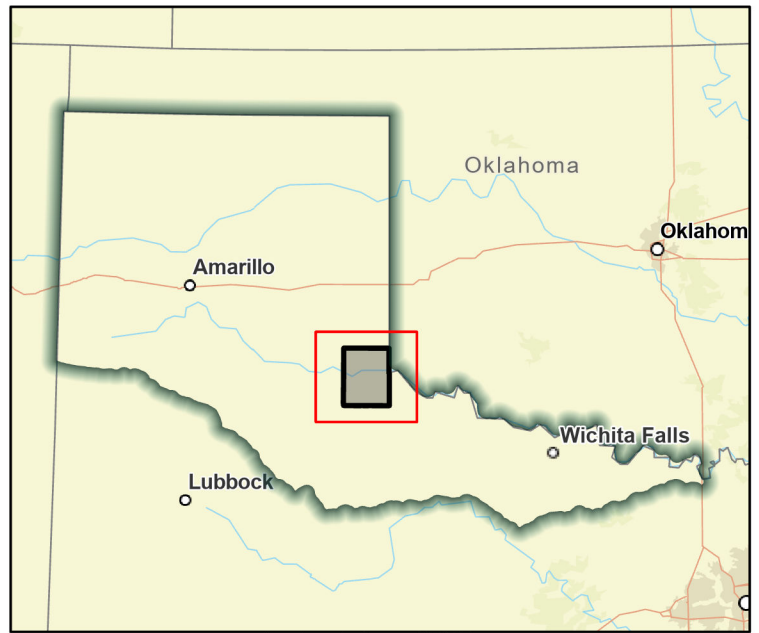
Estimated Cost and Funding Availability

Total Cost \$711,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Lower Prairie Dog Town Fork Red Dams

ID# 011000203

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 6 dams to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

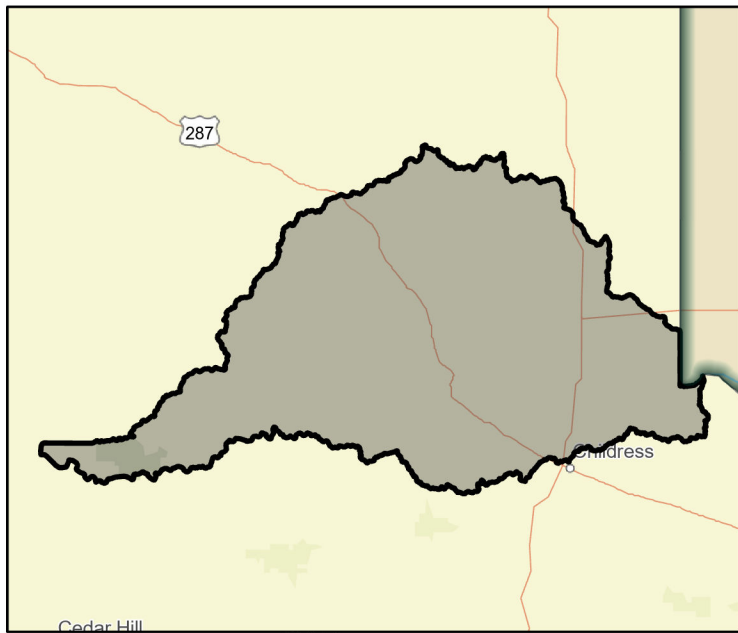
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Hardeman, Childress, Hall, Briscoe, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 1,427 Goal(s) 01000007

100-Year Flood Risk Summary

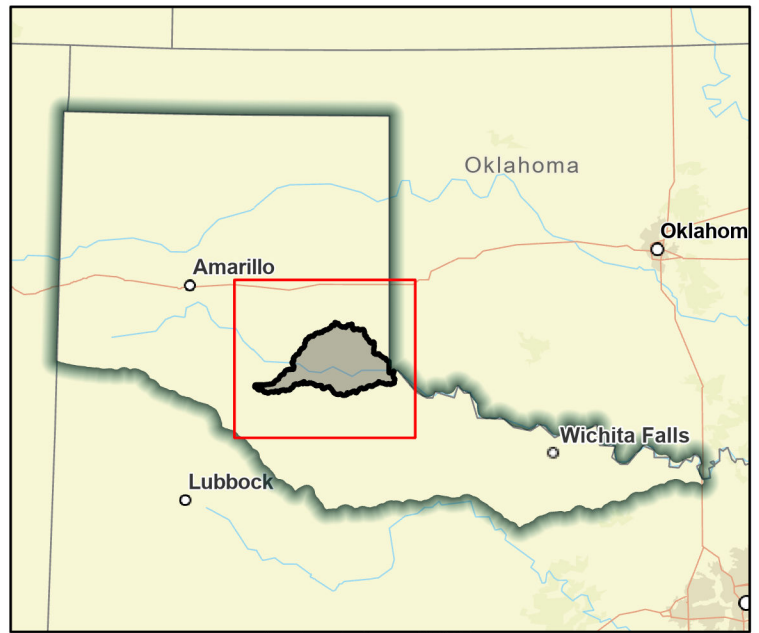
Population at risk 65 # of structures 101 Critical facilities 5
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 139,453 Roadway(s) impacted (length) 100
 Number of low water crossings 14 Historical road closures 14

Estimated Cost and Funding Availability

Total Cost \$277,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hall County Drainage Master Plan**

ID# **011000055**

Sponsor (name of entity, not person) **Hall (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Hall** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **903** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **37** # of structures **66** Critical facilities **5**

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

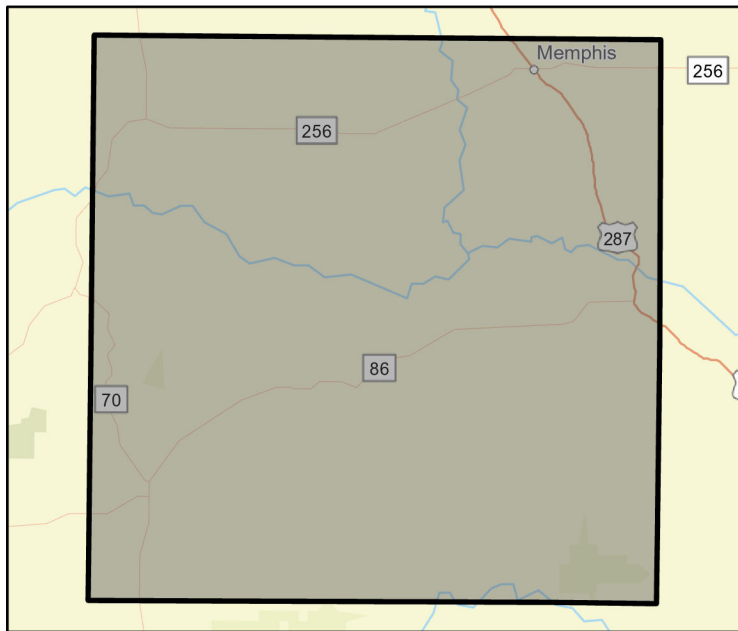
Farm/Ranch land impacted (acres) **90,608** Roadway(s) impacted (length) **74**

Number of low water crossings **22** Historical road closures **22**

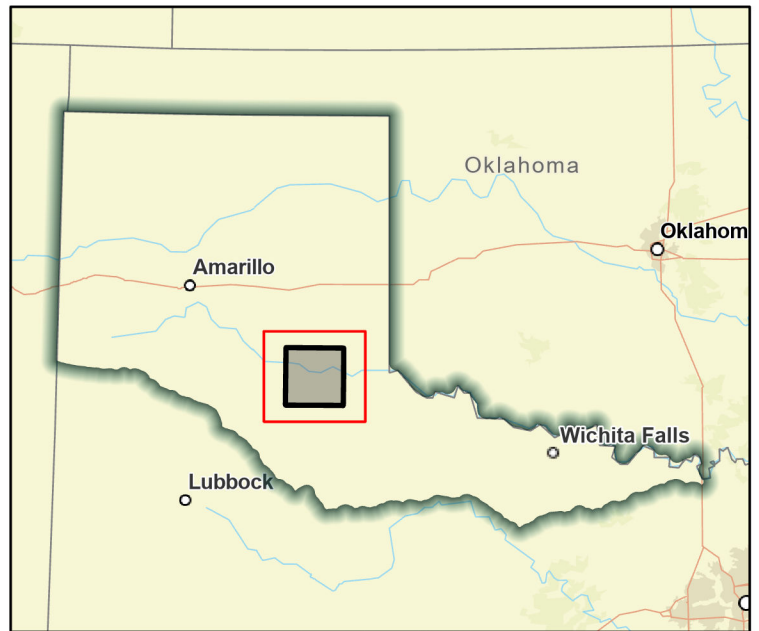
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hall County FIS

ID# 011000021

Sponsor (name of entity, not person) Hall (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Hall Watershed HUC# (if known) -

Drainage area (Square miles, est.) 903 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 37 # of structures 66 Critical facilities 5

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

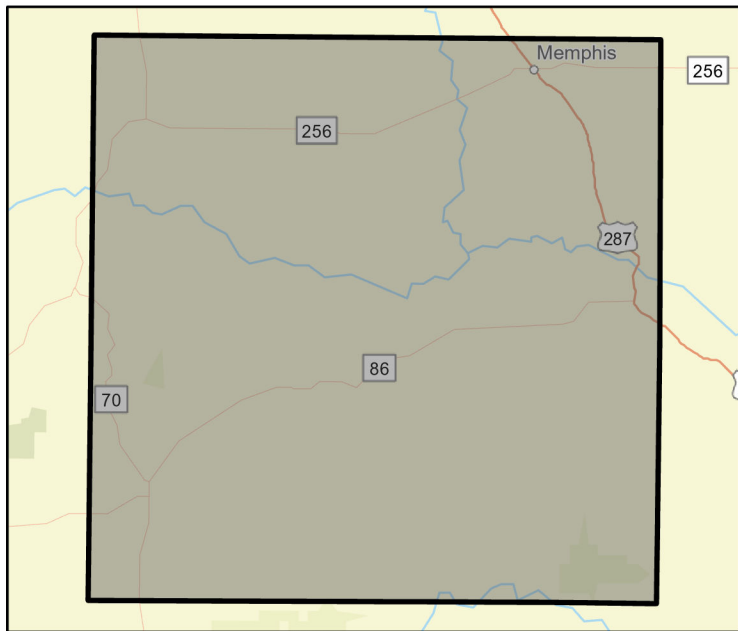
Farm/Ranch land impacted (acres) 90,608 Roadway(s) impacted (length) 74

Number of low water crossings 22 Historical road closures 22

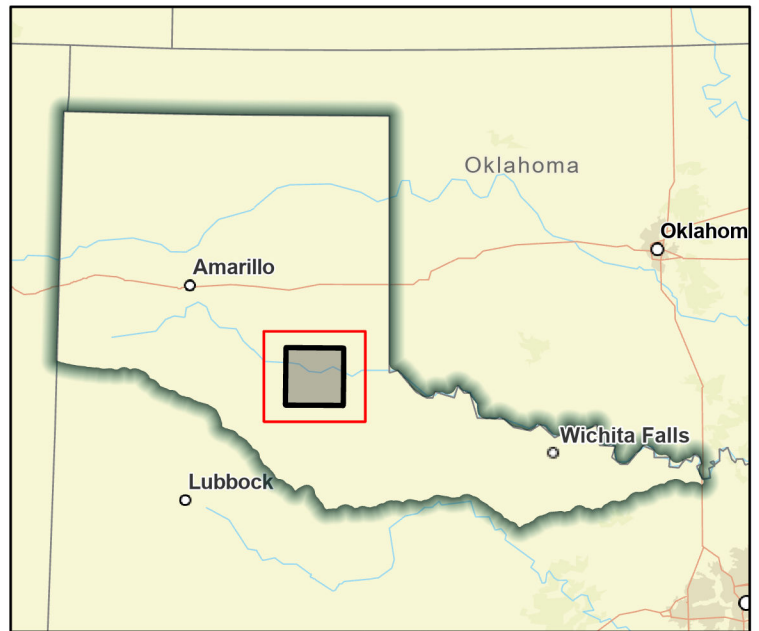
Estimated Cost and Funding Availability

Total Cost \$892,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Briscoe County FIS**

ID# **011000022**

Sponsor (name of entity, not person) **Briscoe (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Briscoe** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **901** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **23** # of structures **36** Critical facilities **0**

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

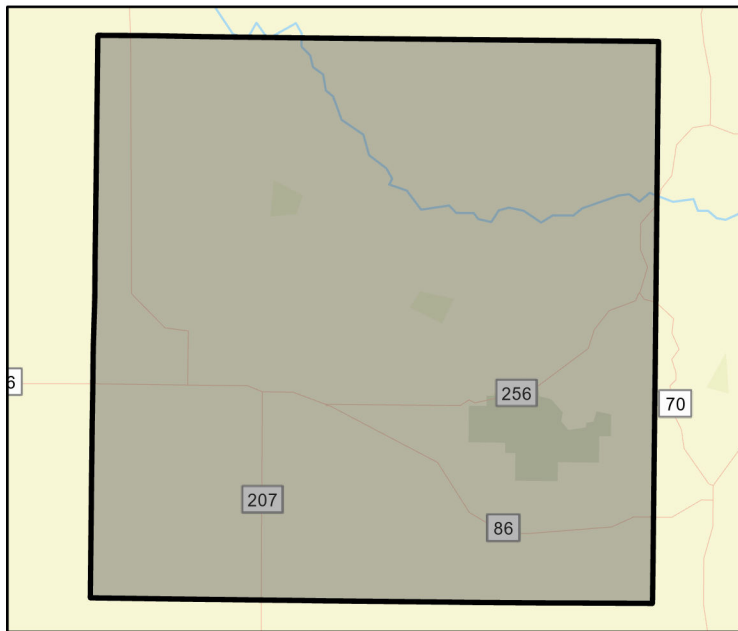
Farm/Ranch land impacted (acres) **64,354** Roadway(s) impacted (length) **45**

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

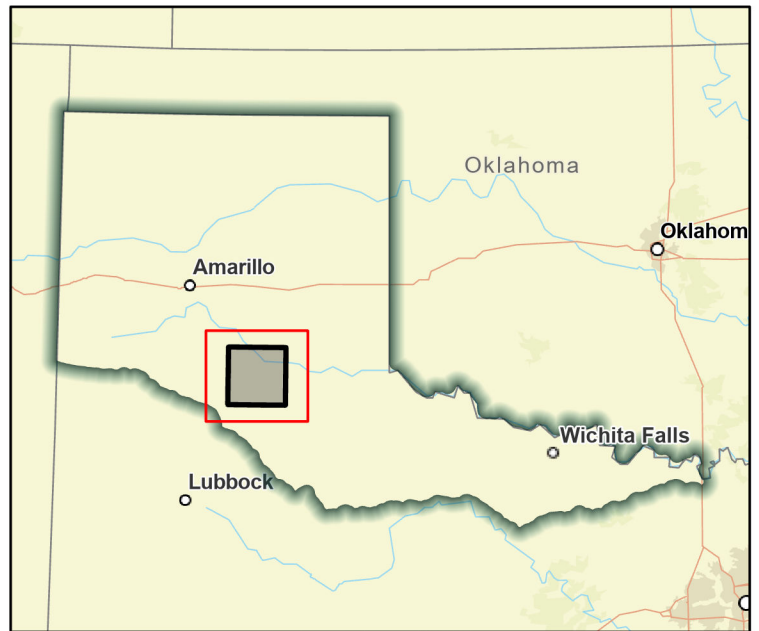
Estimated Cost and Funding Availability

Total Cost **\$902,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Collingsworth County FIS

ID# 011000026

Sponsor (name of entity, not person) Collingsworth (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Collingsworth Watershed HUC# (if known) -

Drainage area (Square miles, est.) 919 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 107 # of structures 105 Critical facilities 5

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

Farm/Ranch land impacted (acres) 75,246 Roadway(s) impacted (length) 66

Number of low water crossings 5 Historical road closures 5

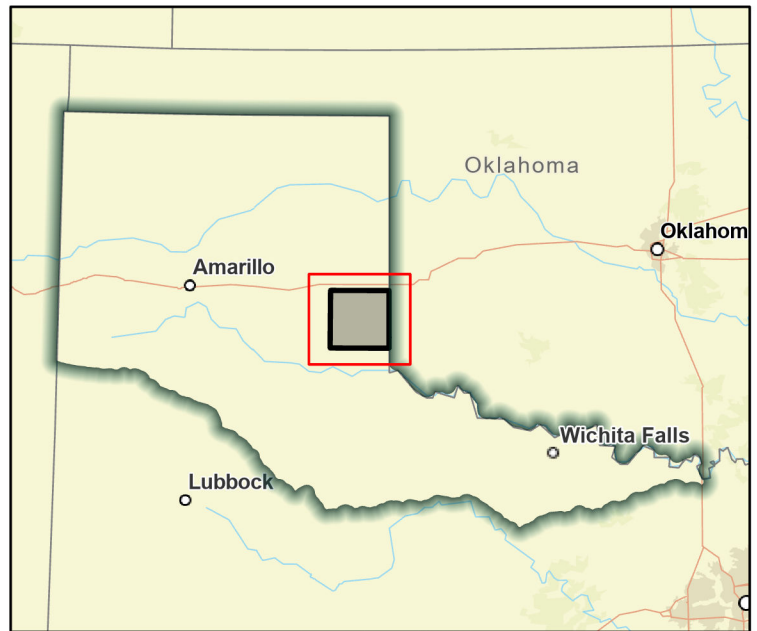
Estimated Cost and Funding Availability

Total Cost \$909,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Donley County FIS

ID# 011000027

Sponsor (name of entity, not person) Donley (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Donley Watershed HUC# (if known) -

Drainage area (Square miles, est.) 933 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 525 # of structures 219 Critical facilities 2

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

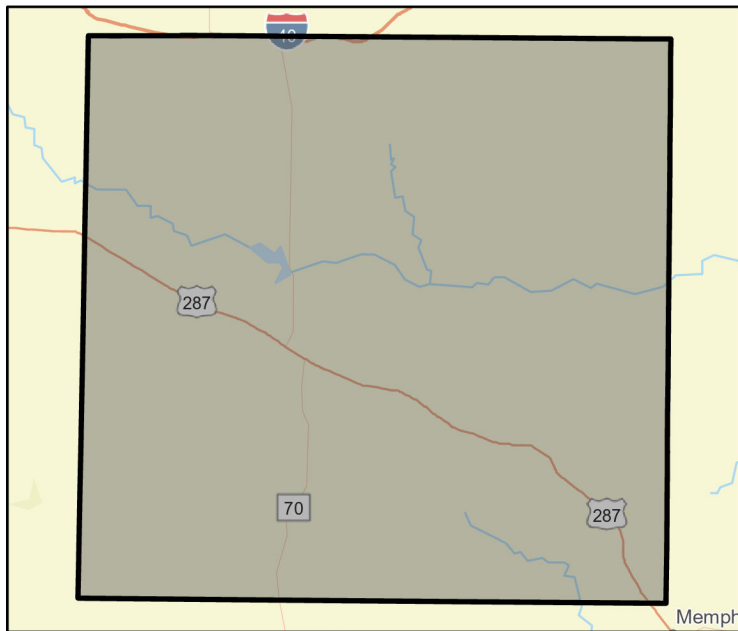
Farm/Ranch land impacted (acres) 76,552 Roadway(s) impacted (length) 46

Number of low water crossings 9 Historical road closures 9

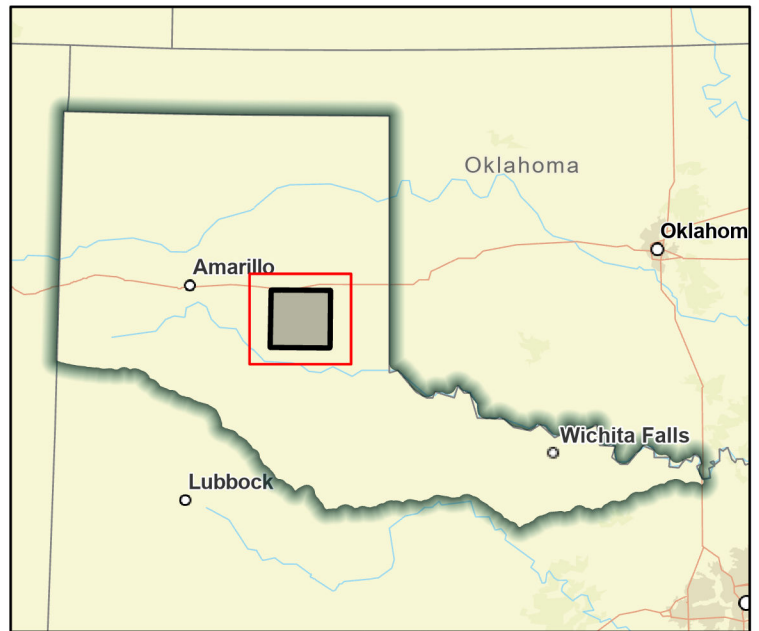
Estimated Cost and Funding Availability

Total Cost \$957,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Armstrong County FIS

ID# 011000028

Sponsor (name of entity, not person) Armstrong (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Armstrong Watershed HUC# (if known) -

Drainage area (Square miles, est.) 912 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 13 # of structures 24 Critical facilities 0

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

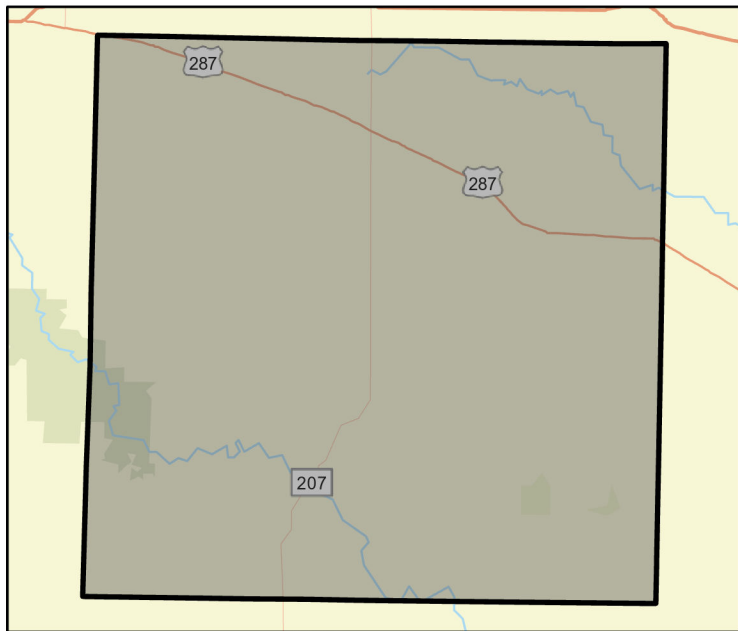
Farm/Ranch land impacted (acres) 56,990 Roadway(s) impacted (length) 25

Number of low water crossings 14 Historical road closures 27

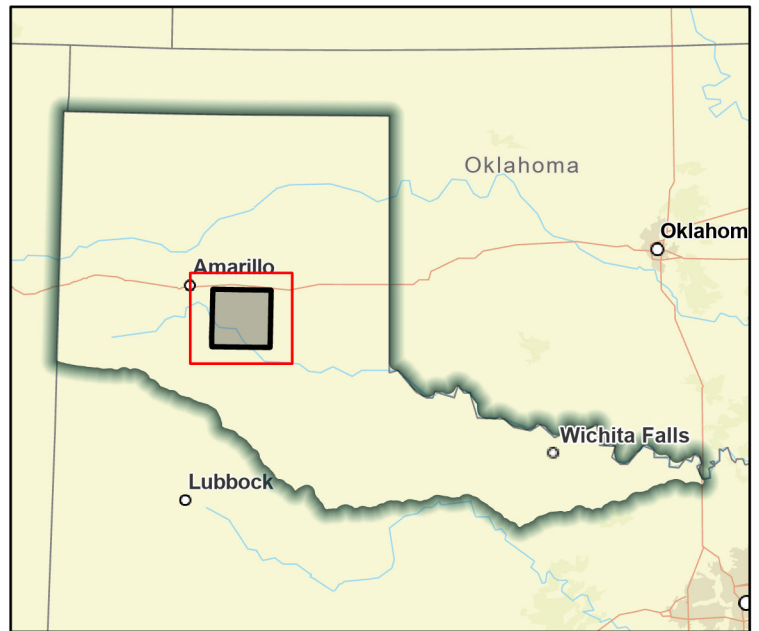
Estimated Cost and Funding Availability

Total Cost \$863,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Randall County FIS**

ID# **011000041**

Sponsor (name of entity, not person) **Randall (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Update flood insurance study for the county and develop regulatory mapping**

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

County **Randall** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **922** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **4,663** # of structures **1,781** Critical facilities **21**

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

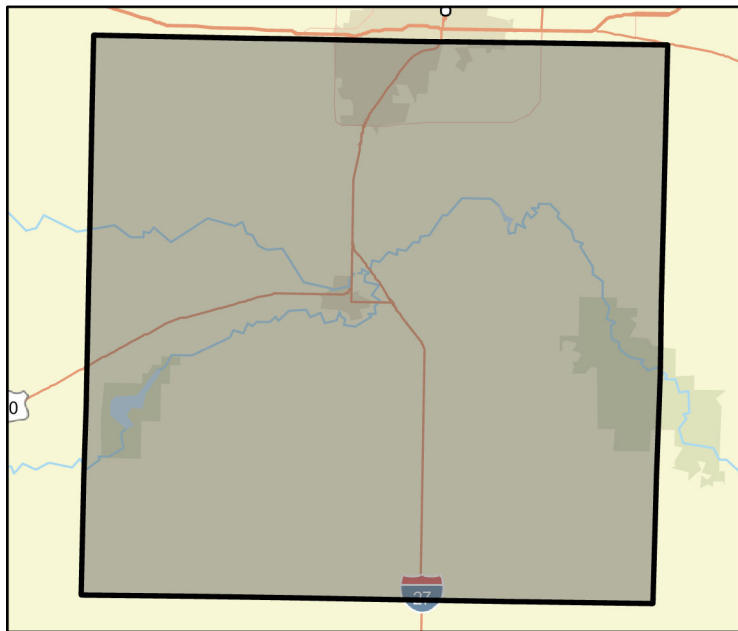
Farm/Ranch land impacted (acres) **32,848** Roadway(s) impacted (length) **153**

Number of low water crossings **20** Historical road closures **20**

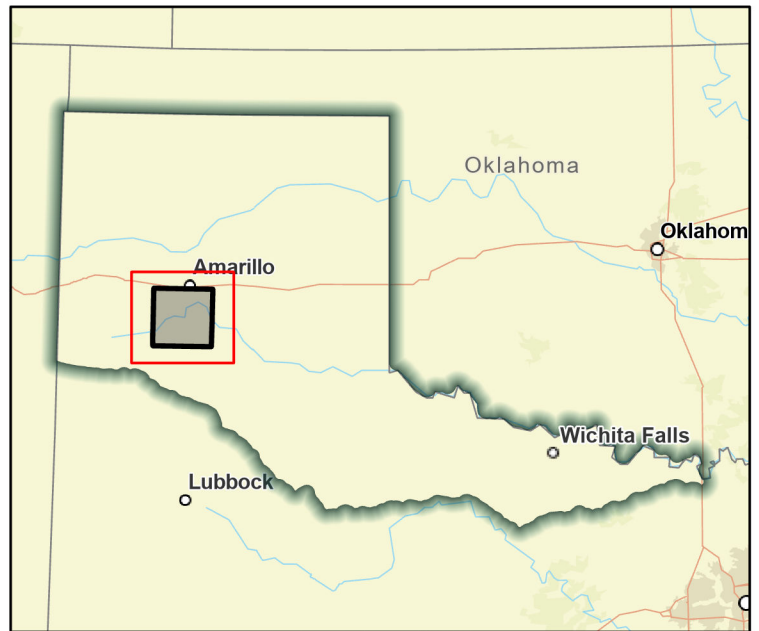
Estimated Cost and Funding Availability

Total Cost **\$872,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Randall County Drainage Master Plan**

ID# **011000057**

Sponsor (name of entity, not person) **Randall (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Randall** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **922** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **4,663** # of structures **1,781** Critical facilities **21**

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

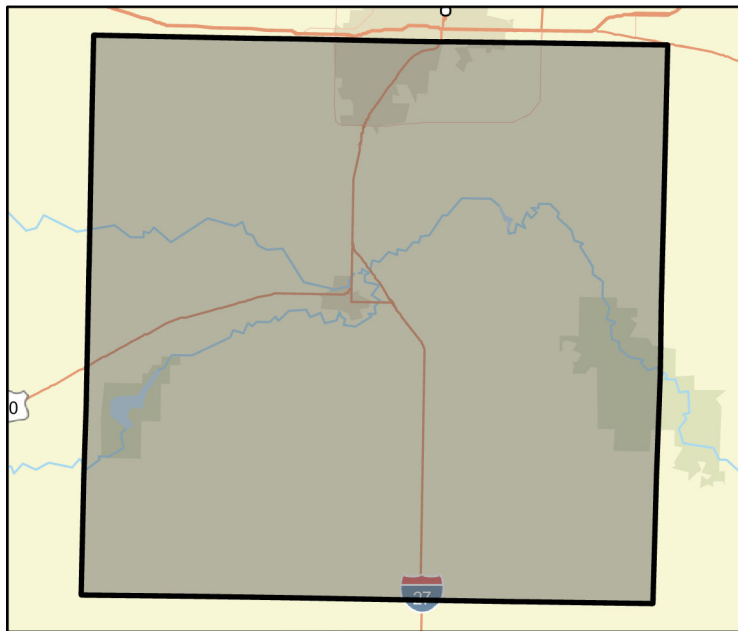
Farm/Ranch land impacted (acres) **32,848** Roadway(s) impacted (length) **153**

Number of low water crossings **20** Historical road closures **20**

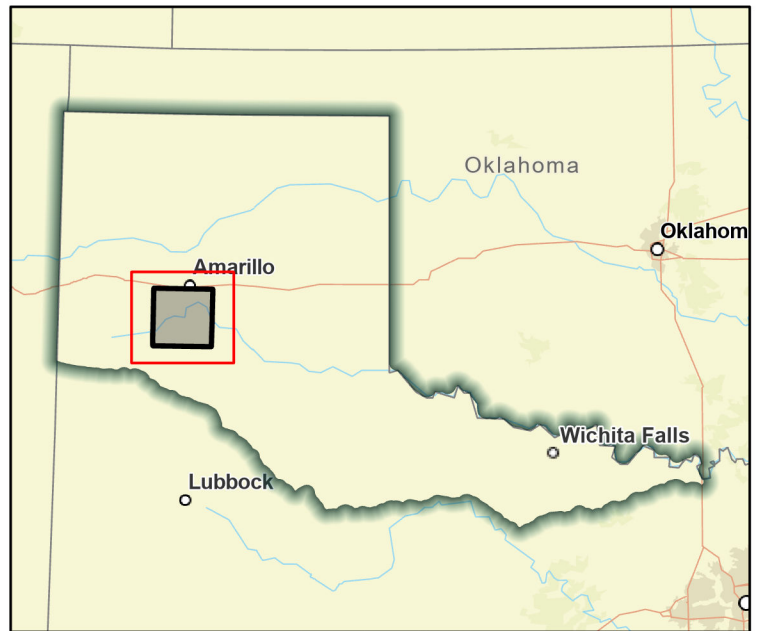
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Deaf Smith County FIS

ID# 011000029

Sponsor (name of entity, not person) Deaf Smith (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Deaf Smith Watershed HUC# (if known) -

Drainage area (Square miles, est.) 1,498 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 271 # of structures 120 Critical facilities 0

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

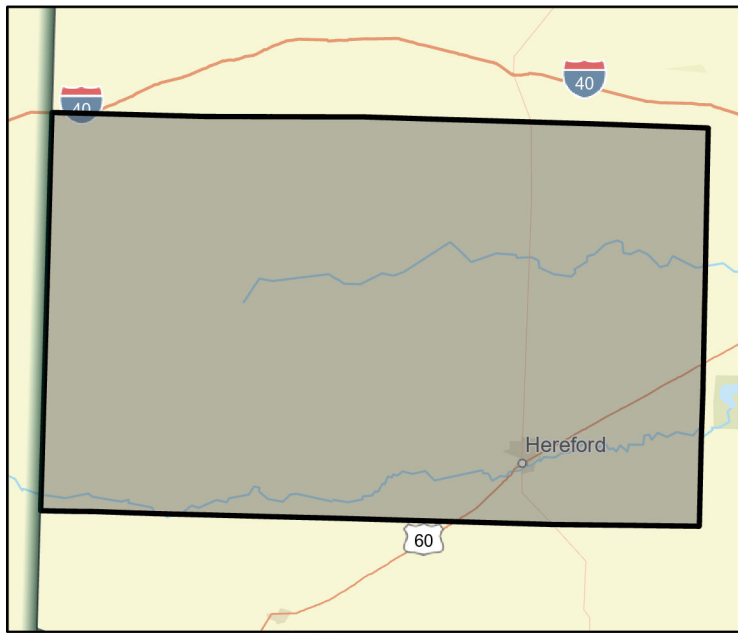
Farm/Ranch land impacted (acres) 54,135 Roadway(s) impacted (length) 76

Number of low water crossings 18 Historical road closures 25

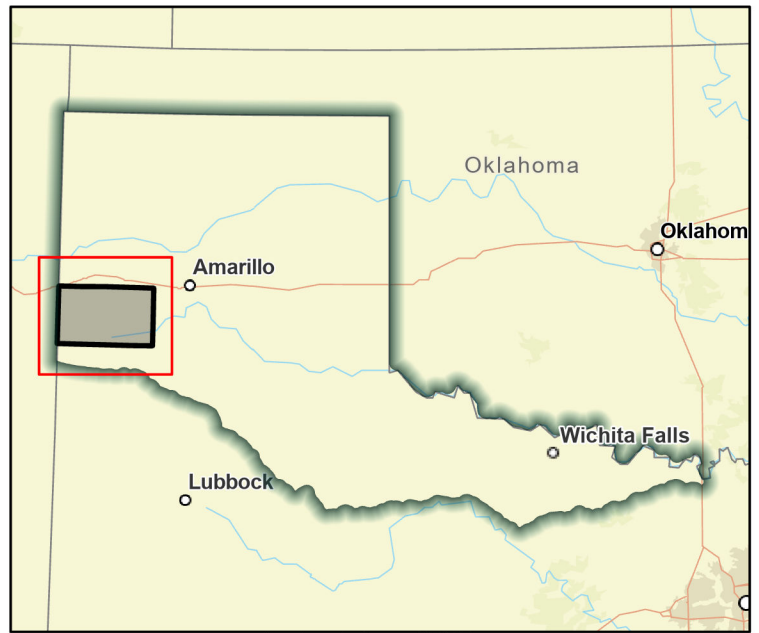
Estimated Cost and Funding Availability

Total Cost \$1,283,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wheeler County Drainage Master Plan**

ID# **011000058**

Sponsor (name of entity, not person) **Wheeler (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Wheeler** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **916** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **210** # of structures **191** Critical facilities **4**

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

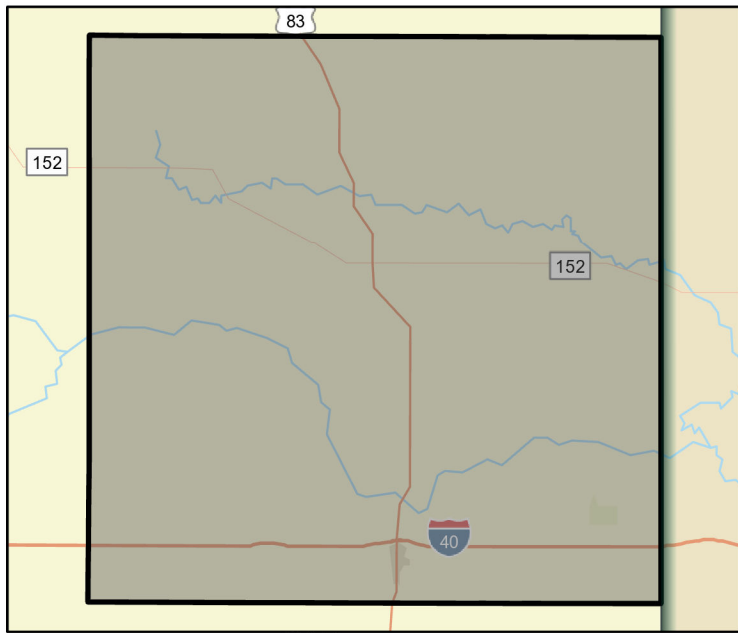
Farm/Ranch land impacted (acres) **70,022** Roadway(s) impacted (length) **65**

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

Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Wheeler County FIS

ID# 011000030

Sponsor (name of entity, not person) Wheeler (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Wheeler Watershed HUC# (if known) -

Drainage area (Square miles, est.) 916 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 210 # of structures 191 Critical facilities 4

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

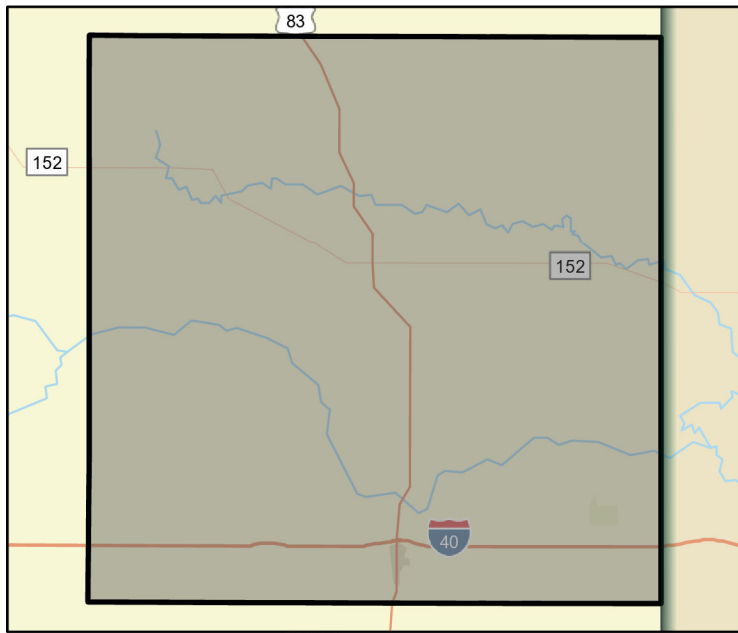
Farm/Ranch land impacted (acres) 70,022 Roadway(s) impacted (length) 65

Number of low water crossings 4 Historical road closures 4

Estimated Cost and Funding Availability

Total Cost \$892,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Gray County FIS**

ID# **011000042**

Sponsor (name of entity, not person) **Gray (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Update flood insurance study for the county and develop regulatory mapping**

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

County **Gray** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **931** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **1,104** # of structures **295** Critical facilities **2**

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

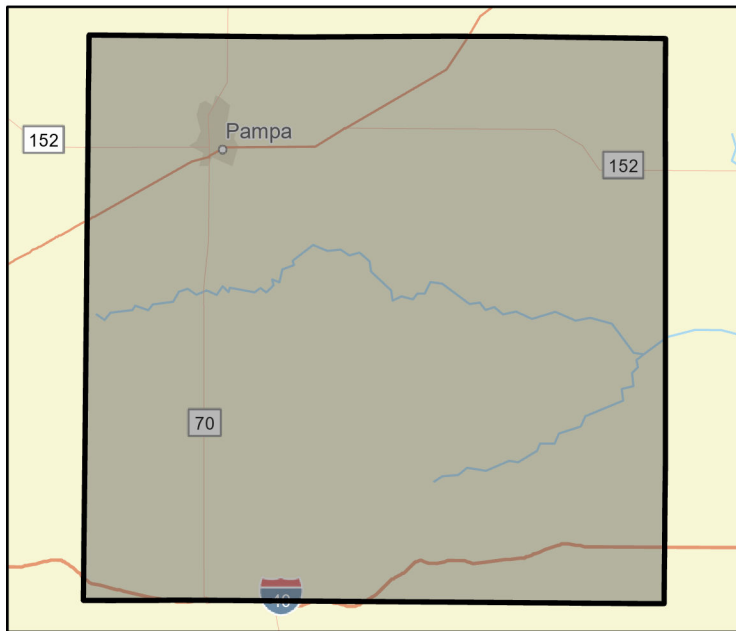
Farm/Ranch land impacted (acres) **63,863** Roadway(s) impacted (length) **49**

Number of low water crossings **14** Historical road closures **14**

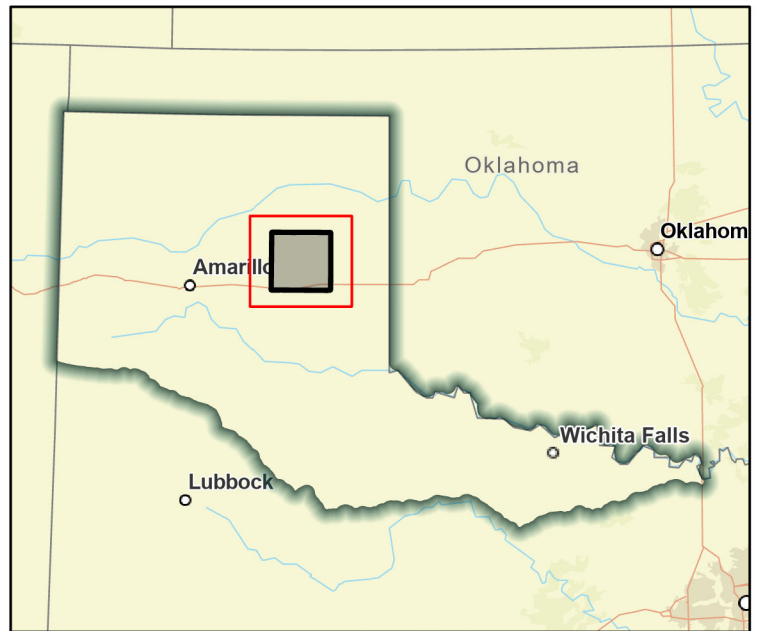
Estimated Cost and Funding Availability

Total Cost **\$908,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Sherman County FIS

ID# 011000031

Sponsor (name of entity, not person) Sherman (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Sherman Watershed HUC# (if known) -

Drainage area (Square miles, est.) 926 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 26 # of structures 21 Critical facilities 3

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

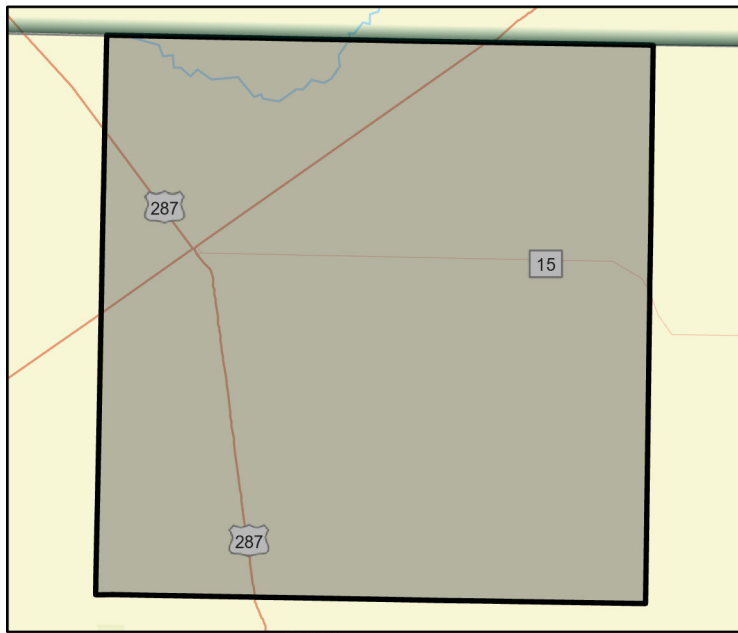
Farm/Ranch land impacted (acres) 44,313 Roadway(s) impacted (length) 57

Number of low water crossings 9 Historical road closures 10

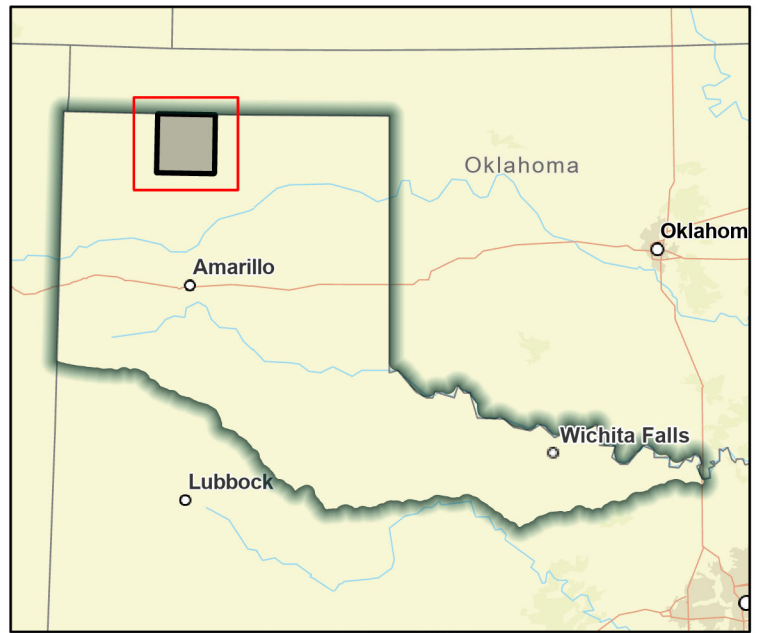
Estimated Cost and Funding Availability

Total Cost \$838,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Dallam County Drainage Master Plan**

ID# **011000059**

Sponsor (name of entity, not person) **Dallam (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Dallam** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **1,510** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **1,401** # of structures **890** Critical facilities **2**

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

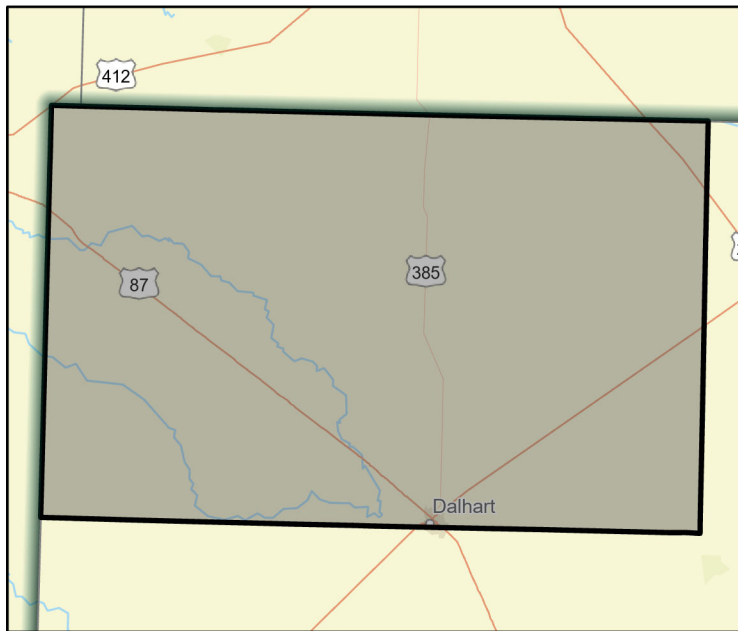
Farm/Ranch land impacted (acres) **91,034** Roadway(s) impacted (length) **178**

Number of low water crossings **22** Historical road closures **22**

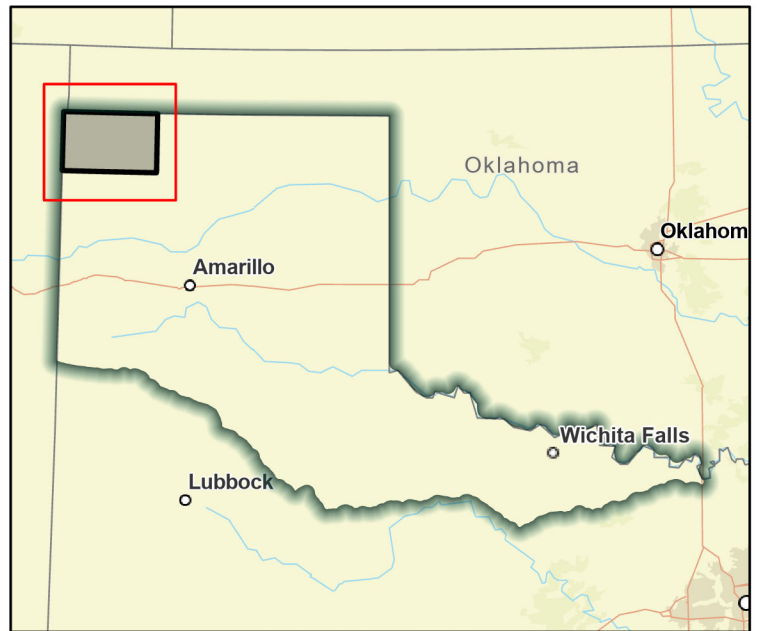
Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Dallam County FIS**

ID# **011000032**

Sponsor (name of entity, not person) **Dallam (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Dallam** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **1,510** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **1,401** # of structures **890** Critical facilities **2**

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

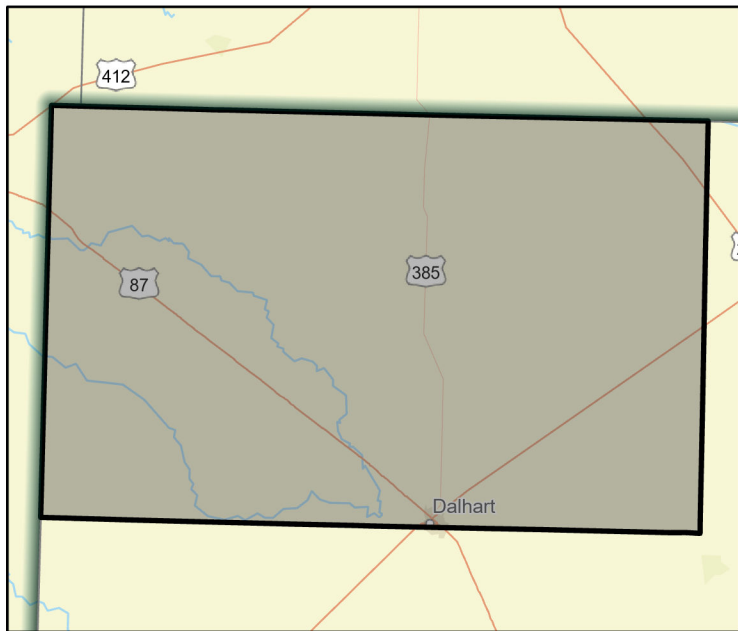
Farm/Ranch land impacted (acres) **91,034** Roadway(s) impacted (length) **178**

Number of low water crossings **22** Historical road closures **22**

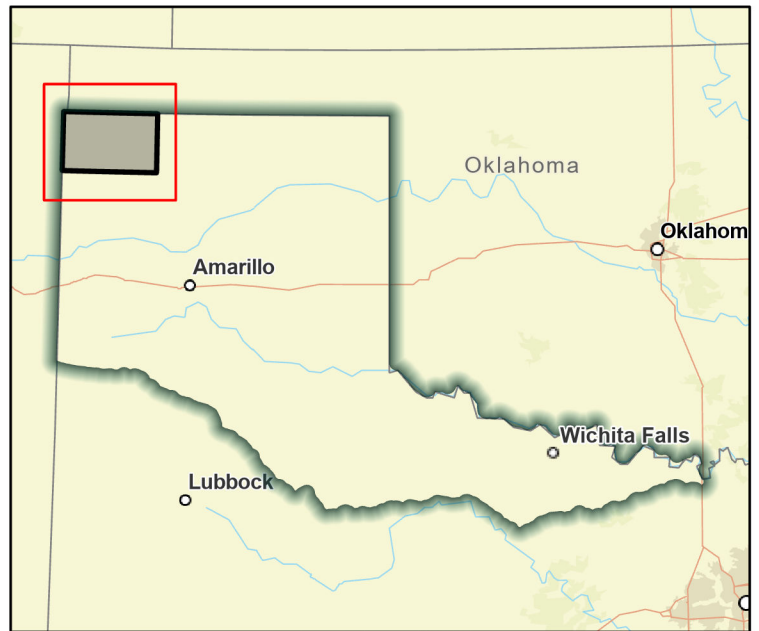
Estimated Cost and Funding Availability

Total Cost **\$1,297,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lipscomb County Drainage Master Plan

ID# 011000060

Sponsor (name of entity, not person) Lipscomb (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Lipscomb Watershed HUC# (if known) -

Drainage area (Square miles, est.) 936 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 78 # of structures 100 Critical facilities 0

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

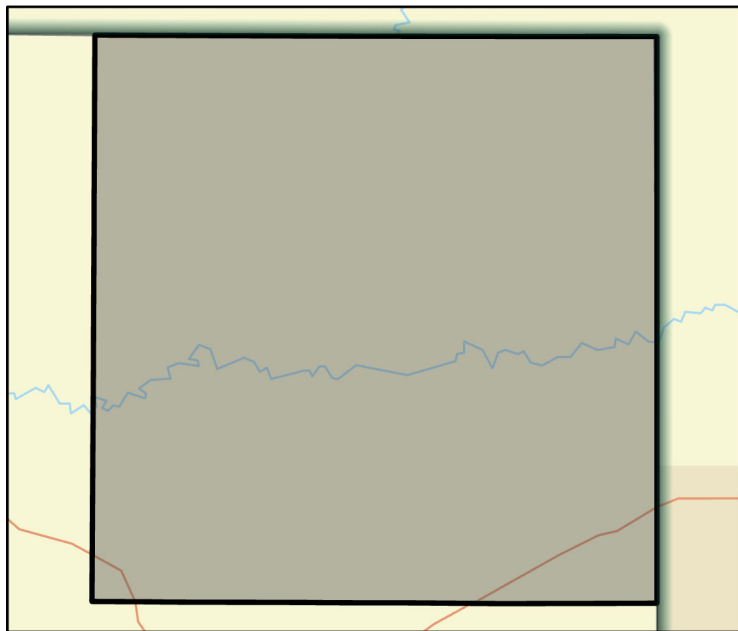
Farm/Ranch land impacted (acres) 66,275 Roadway(s) impacted (length) 20

Number of low water crossings 6 Historical road closures 6

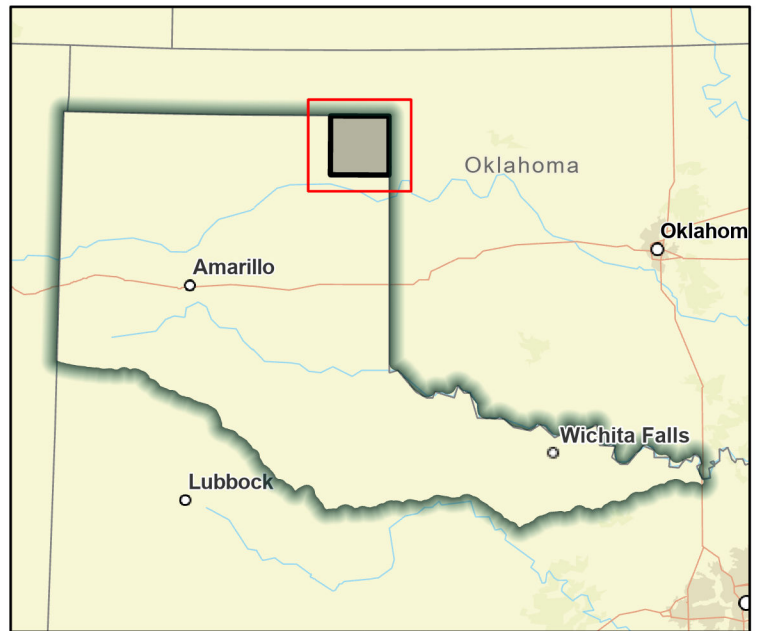
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lipscomb County FIS

ID# 011000033

Sponsor (name of entity, not person) Lipscomb (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Lipscomb Watershed HUC# (if known) -

Drainage area (Square miles, est.) 936 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 78 # of structures 100 Critical facilities 0

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

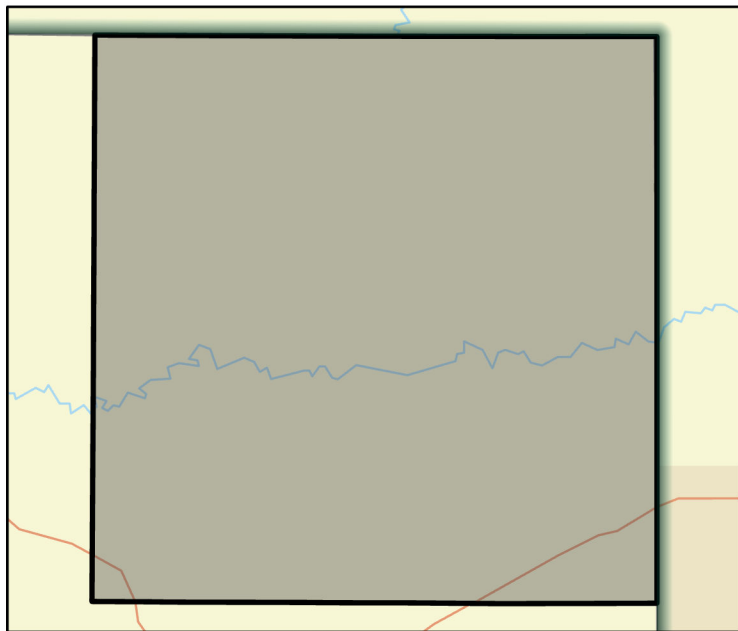
Farm/Ranch land impacted (acres) 66,275 Roadway(s) impacted (length) 20

Number of low water crossings 6 Historical road closures 6

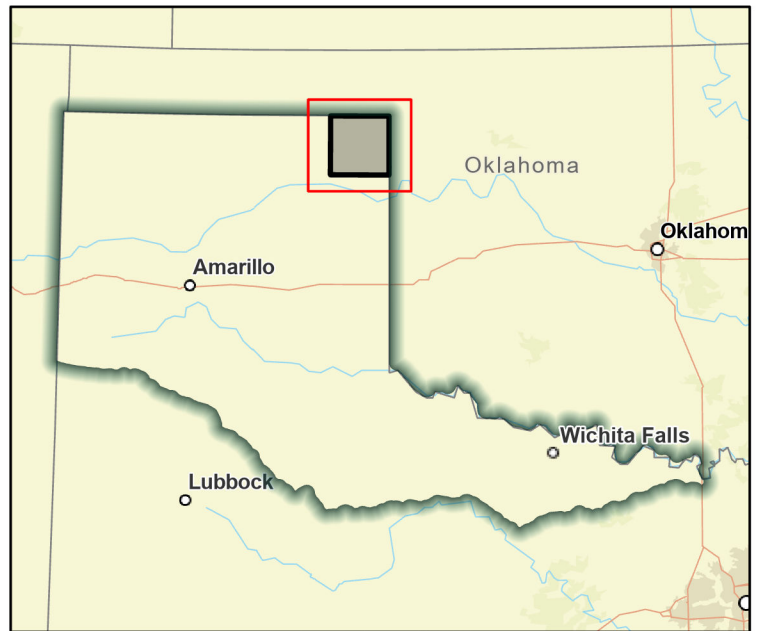
Estimated Cost and Funding Availability

Total Cost \$924,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Ochiltree County Drainage Master Plan

ID# 011000061

Sponsor (name of entity, not person) Ochiltree (County)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Ochiltree Watershed HUC# (if known) -

Drainage area (Square miles, est.) 923 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 533 # of structures 369 Critical facilities 1

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

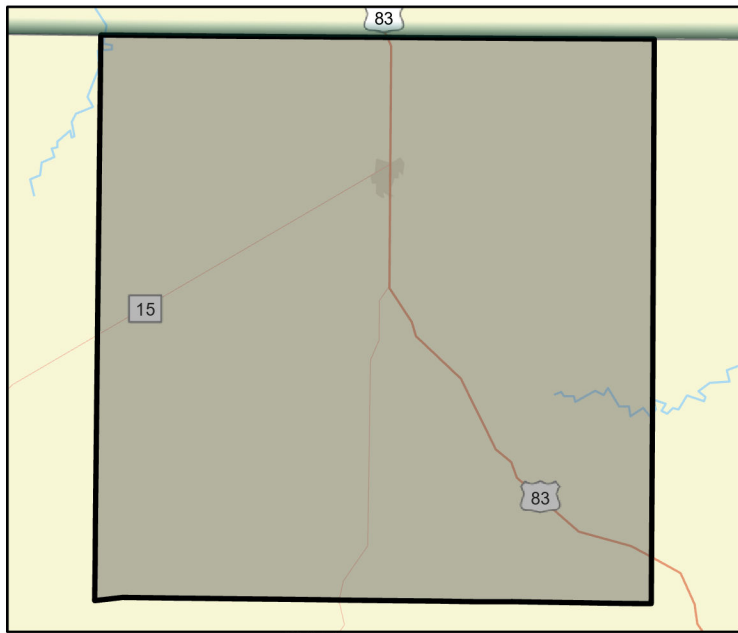
Farm/Ranch land impacted (acres) 48,150 Roadway(s) impacted (length) 31

Number of low water crossings 1 Historical road closures 1

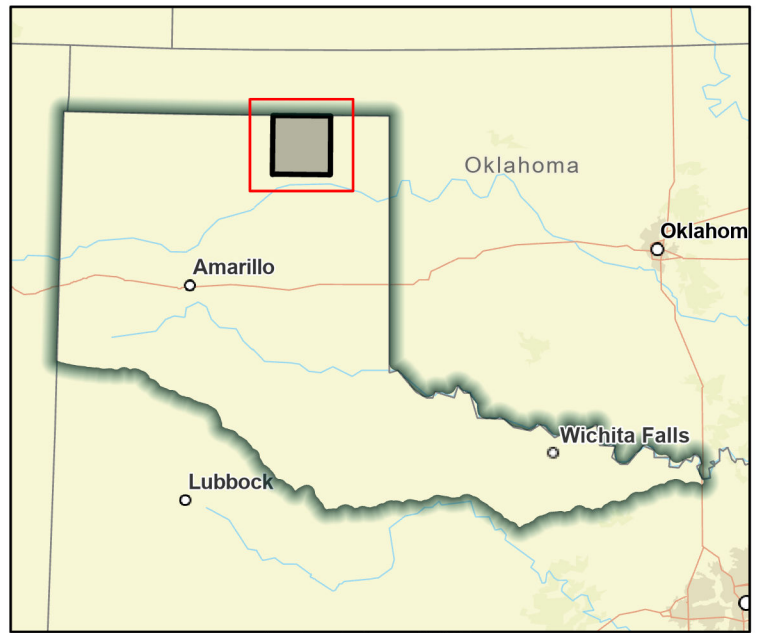
Estimated Cost and Funding Availability

Total Cost \$500,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Ochiltree County FIS

ID# 011000034

Sponsor (name of entity, not person) Ochiltree (County)

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

Study Details

Study type Watershed Planning

Study description Perform flood insurance study for the county and develop regulatory mapping

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

County Ochiltree Watershed HUC# (if known) -

Drainage area (Square miles, est.) 923 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 533 # of structures 369 Critical facilities 1

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

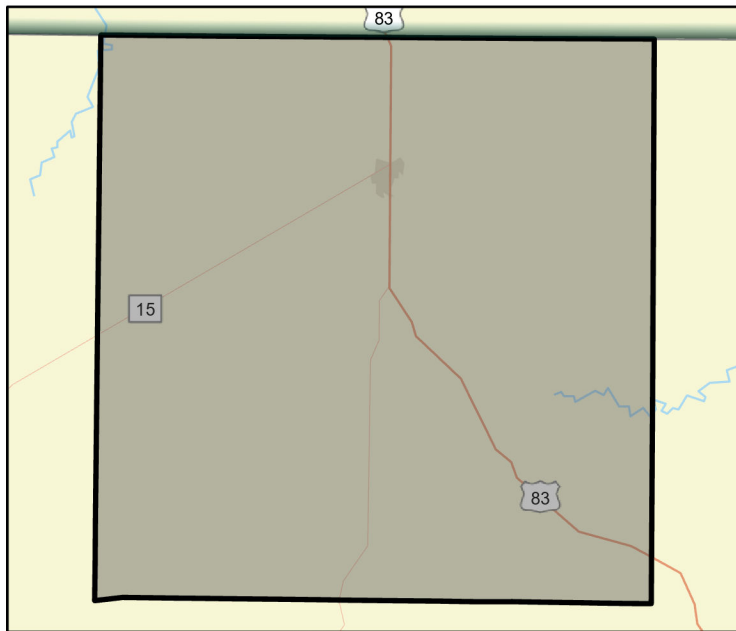
Farm/Ranch land impacted (acres) 48,150 Roadway(s) impacted (length) 31

Number of low water crossings 1 Historical road closures 1

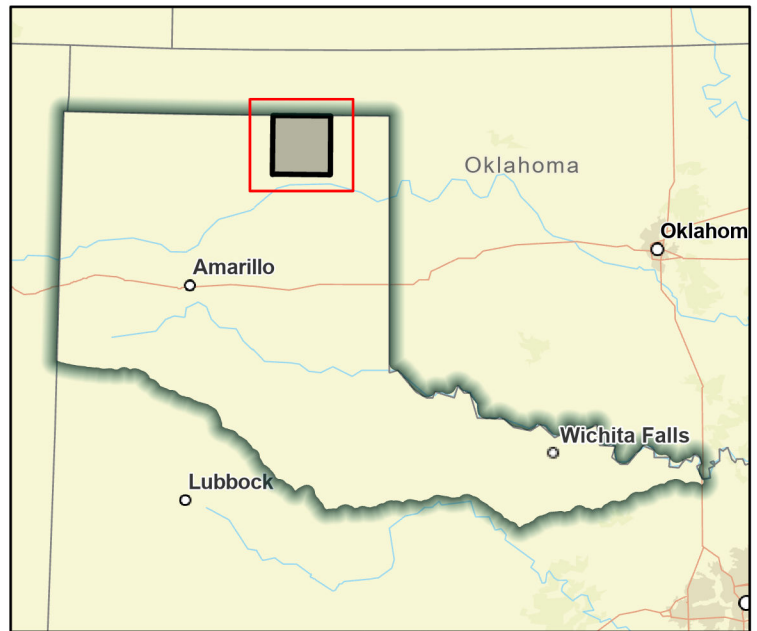
Estimated Cost and Funding Availability

Total Cost \$859,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Upper Wolf Dams

ID# 011000204

Sponsor (name of entity, not person) Ochiltree (County)

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 1 dam to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

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

County Hutchinson, Lipscomb, Ochiltree, Hansford Watershed HUC# (if known) -

Drainage area (Square miles, est.) 835 Goal(s) 01000007

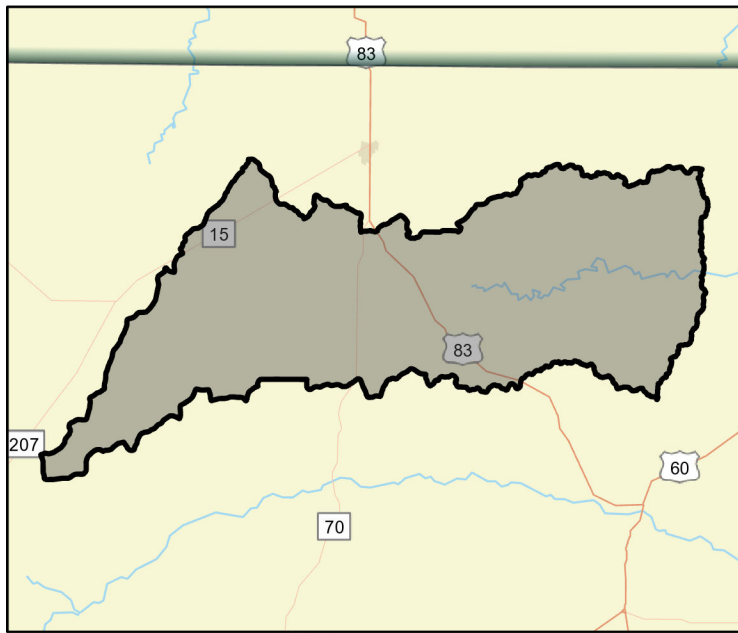
100-Year Flood Risk Summary

Population at risk 26 # of structures 45 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 50,018 Roadway(s) impacted (length) 18
 Number of low water crossings 3 Historical road closures 3

Estimated Cost and Funding Availability

Total Cost \$58,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hansford County FIS**

ID# **011000035**

Sponsor (name of entity, not person) **Hansford (County)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform flood insurance study for the county and develop regulatory mapping**

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

County **Hansford** Watershed HUC# (if known) **-**

Drainage area (Square miles, est.) **924** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **36** # of structures **38** Critical facilities **9**

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

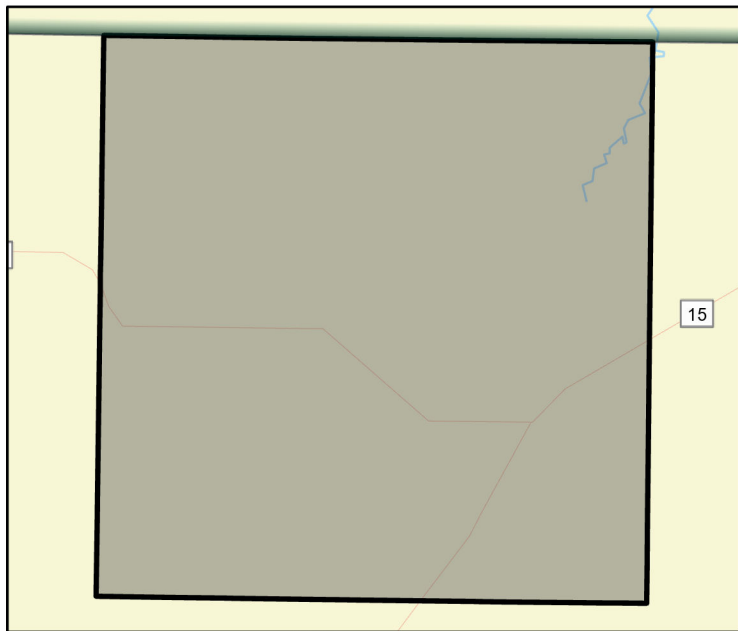
Farm/Ranch land impacted (acres) **44,978** Roadway(s) impacted (length) **16**

Number of low water crossings **19** Historical road closures **19**

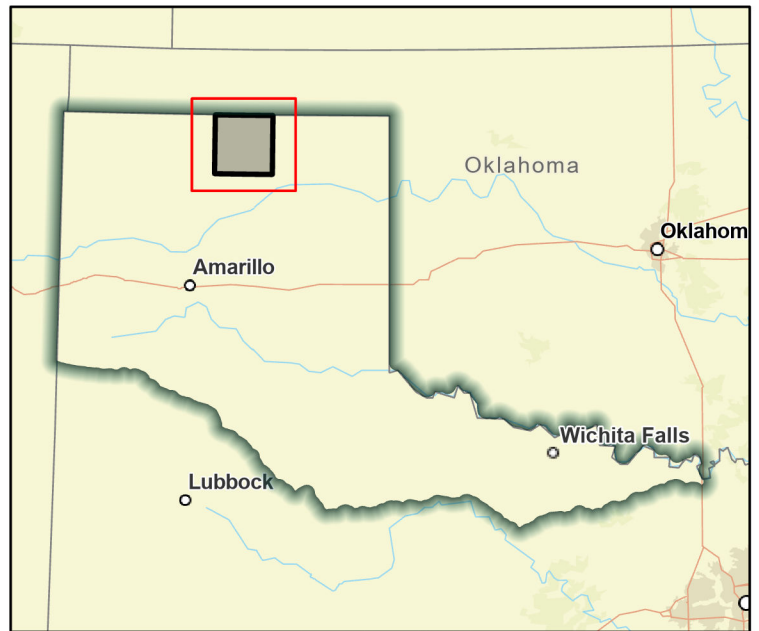
Estimated Cost and Funding Availability

Total Cost **\$841,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Palo Duro Dams (North)

ID# 011000213

Sponsor (name of entity, not person) Palo Duro River Authority

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 1 dam to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

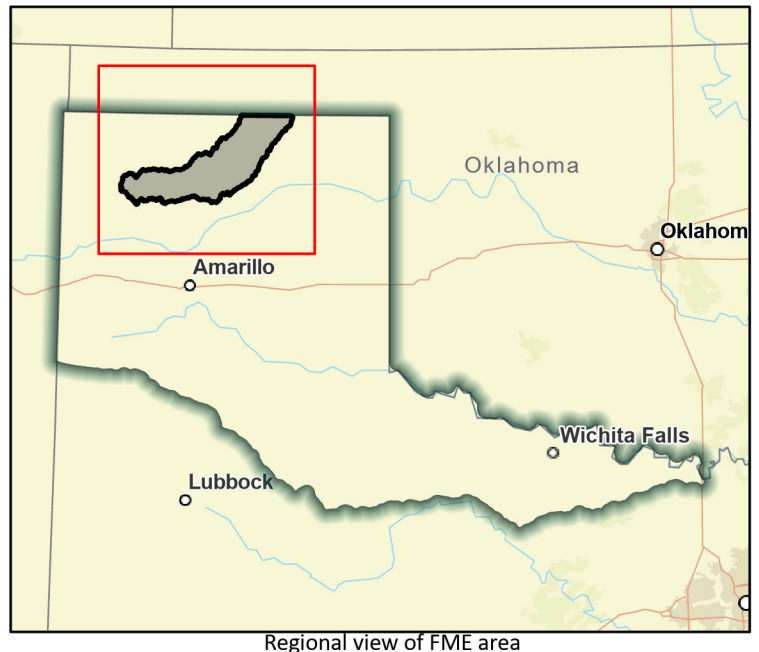
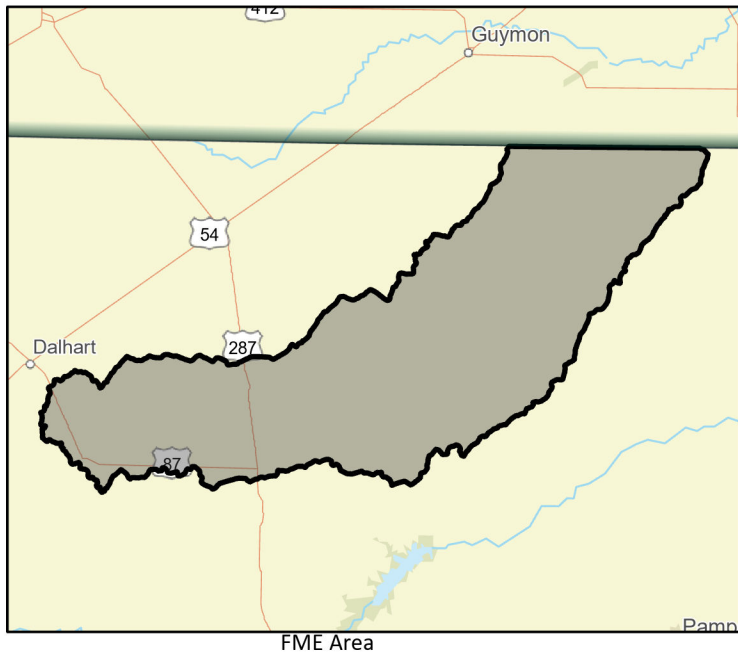
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Hutchinson, Moore, Hartley, Sherman, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 1,798 Goal(s) 01000007

100-Year Flood Risk Summary

Population at risk 241 # of structures 112 Critical facilities 13
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 77,534 Roadway(s) impacted (length) 69
 Number of low water crossings 31 Historical road closures 31

Estimated Cost and Funding Availability

Total Cost \$58,000 Amount of Available Funding - Federal funding availability No
 Funding source -



Flood Management Evaluation (FME)



Title Upper Salt Fork Red Dams

ID# 011000212

Sponsor (name of entity, not person) Greenbelt Municipal & Industrial Water Authority

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

Study Details

Study type Watershed Planning

Study description Perform a watershed-wide evaluation of 1 dam to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

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

County Carson, Donley, Armstrong, Gray Watershed HUC# (if known) -

Drainage area (Square miles, est.) 741 Goal(s) 01000007

100-Year Flood Risk Summary

Population at risk 412 # of structures 212 Critical facilities 2

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

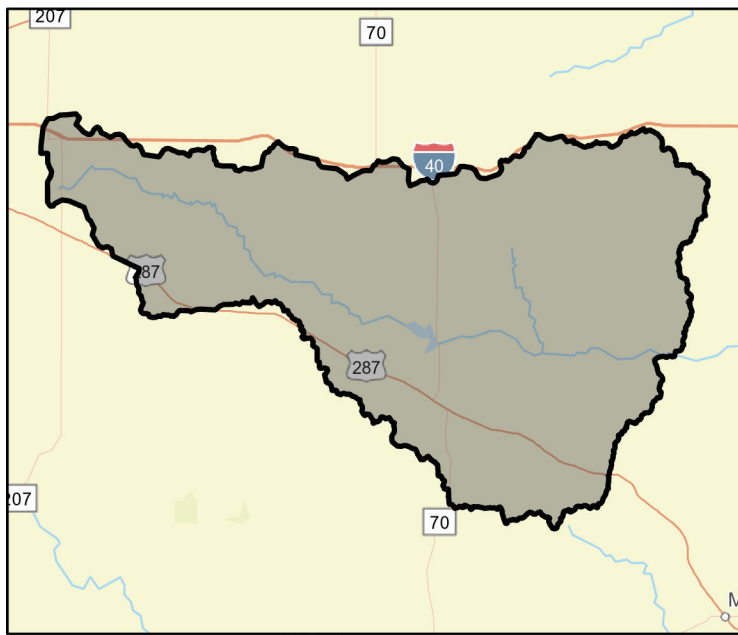
Farm/Ranch land impacted (acres) 55,754 Roadway(s) impacted (length) 40

Number of low water crossings 12 Historical road closures 12

Estimated Cost and Funding Availability

Total Cost \$58,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lakeview City Drainage Master Plan

ID# 011000067

Sponsor (name of entity, not person) Lakeview (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis

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

County Hall Watershed HUC# (if known) 111201050206

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 5 # of structures 10 Critical facilities 0

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

Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Pampa City Drainage Master Plan**

ID# **011000072**

Sponsor (name of entity, not person) **Pampa (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Gray** Watershed HUC# (if known) **110901060601, 110901060602, 111203010303**

Drainage area (Square miles, est.) **9** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **989** # of structures **148** Critical facilities **0**

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

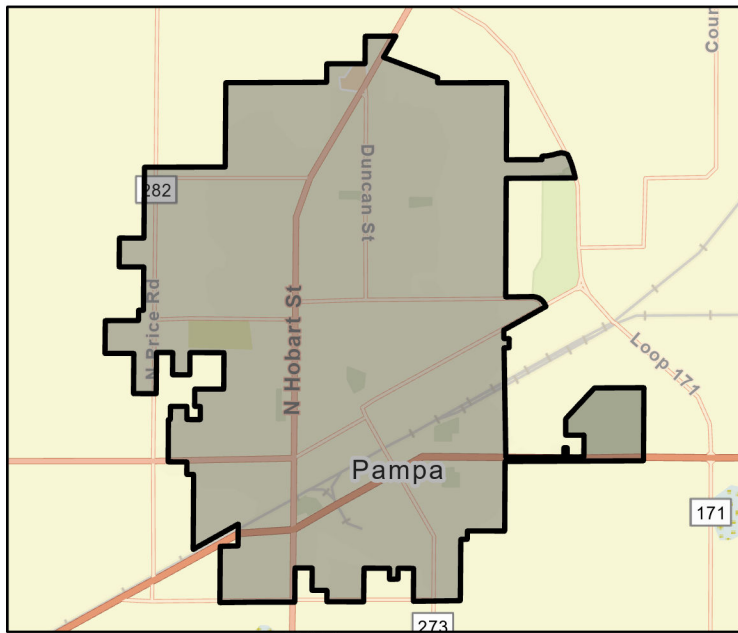
Farm/Ranch land impacted (acres) **12** Roadway(s) impacted (length) **6**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Dalhart City Drainage Master Plan

ID# 011000099

Sponsor (name of entity, not person) Dalhart (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis

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

County Hartley, Dallam Watershed HUC# (if known) 110901030405, 110901030406, 110901030408

Drainage area (Square miles, est.) 5 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 1,448 # of structures 887 Critical facilities 0

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

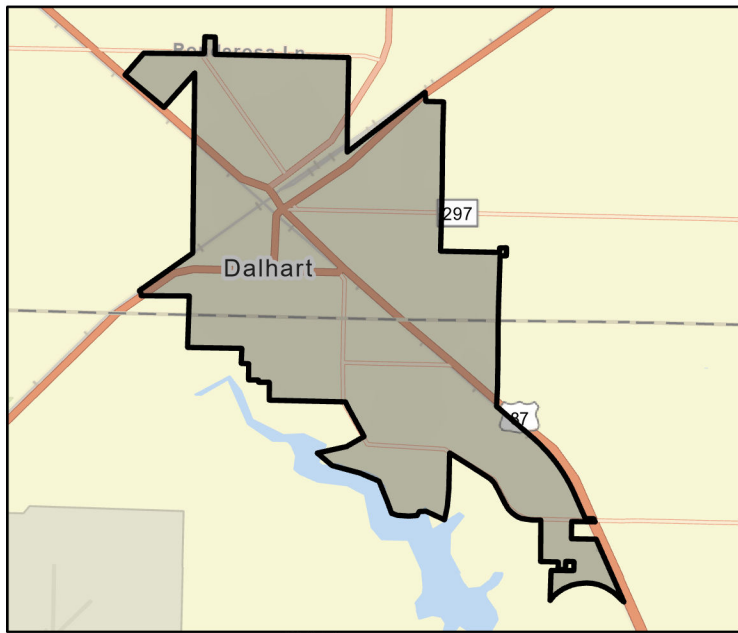
Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (length) 21

Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Dalhart GIS Development

ID# 011000111

Sponsor (name of entity, not person) Dalhart (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Hartley, Dallam Watershed HUC# (if known) 110901030405, 110901030406, 110901030408

Drainage area (Square miles, est.) 5 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 1,448 # of structures 887 Critical facilities 0

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

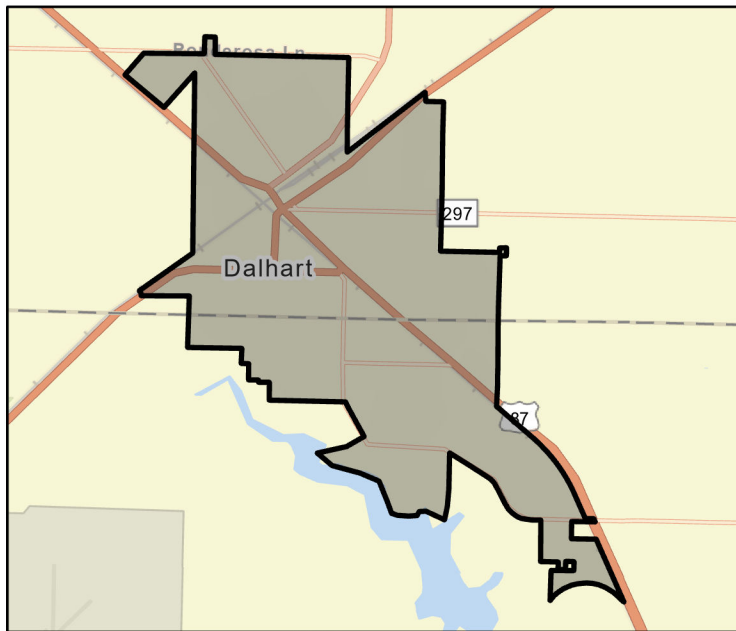
Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (length) 21

Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Rita Blanca Dams

ID# 011000210

Sponsor (name of entity, not person) Dalhart (Municipality)

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 1 dam to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

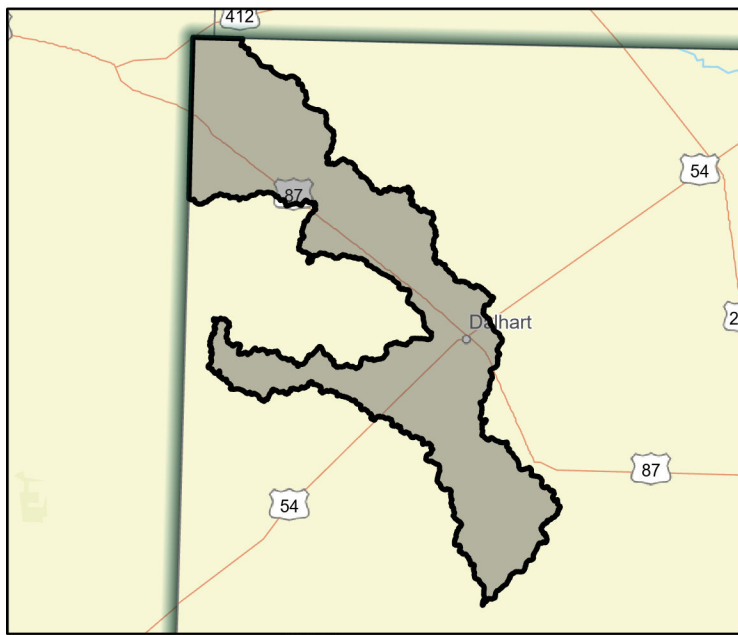
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Hartley, Dallam Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 665 Goal(s) 01000007

100-Year Flood Risk Summary

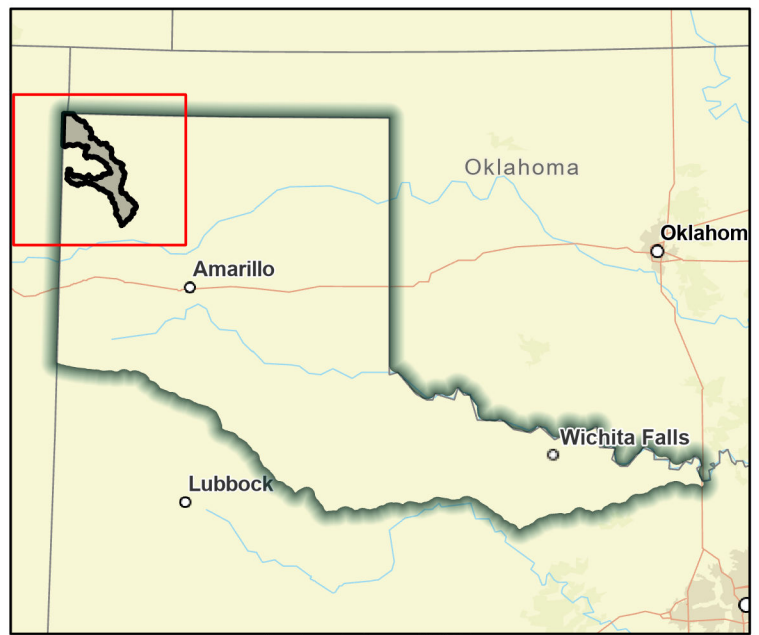
Population at risk 1,496 # of structures 939 Critical facilities 5
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 46,153 Roadway(s) impacted (length) 80
 Number of low water crossings 57 Historical road closures 57

Estimated Cost and Funding Availability

Total Cost \$58,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Childress City Drainage Master Plan

ID# 011000090

Sponsor (name of entity, not person) Childress (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Childress Watershed HUC# (if known) 111201050302, 111201050308, 111201050501, 111301010101,

Drainage area (Square miles, est.) 8 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 17 # of structures 8 Critical facilities 1

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

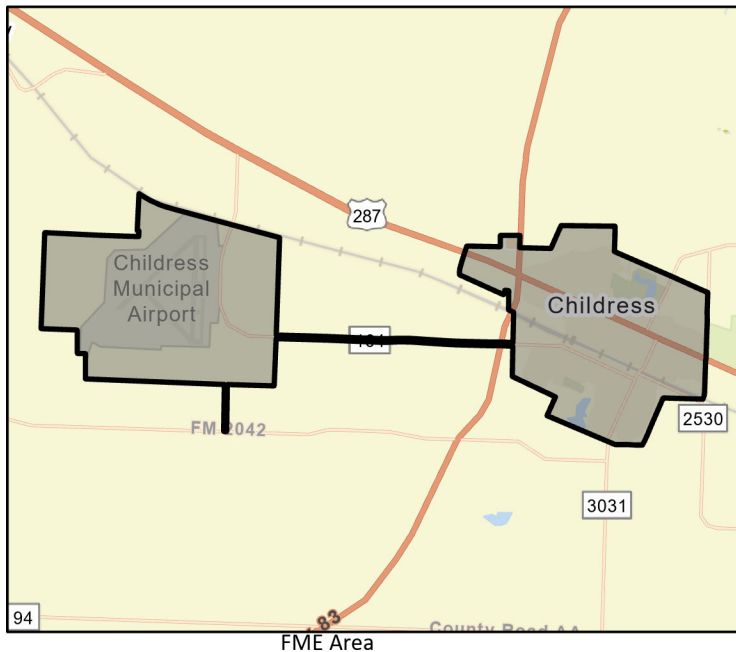
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



Flood Management Evaluation (FME)



Title **Henrietta City Drainage Master Plan**

ID# **011000192**

Sponsor (name of entity, not person) **Henrietta (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on additional outreach**

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

County **Clay** Watershed HUC# (if known) **111302090507, 111302090509, 111302090506**

Drainage area (Square miles, est.) **5** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **176** # of structures **14** Critical facilities **0**

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

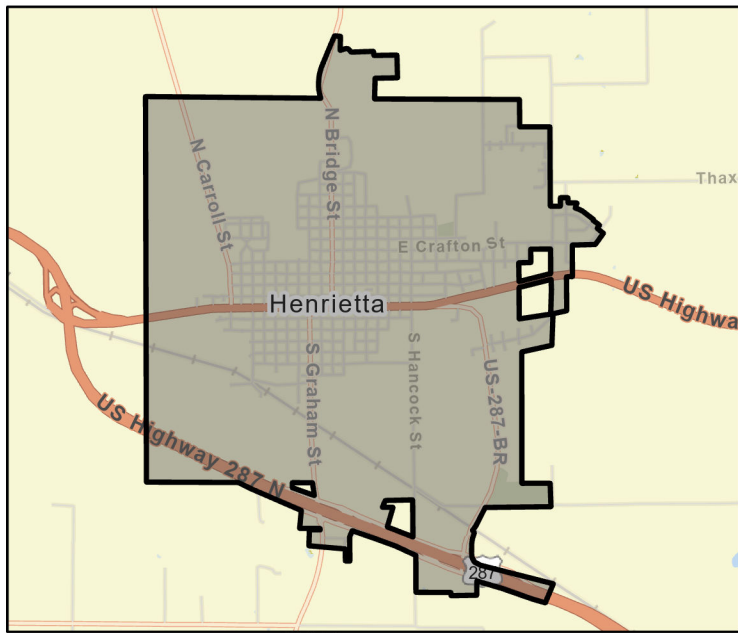
Farm/Ranch land impacted (acres) **22** Roadway(s) impacted (length) **3**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Petrolia City Drainage Master Plan**

ID# **011000069**

Sponsor (name of entity, not person) **Petrolia (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Clay** Watershed HUC# (if known) **111302060502, 111302060503, 111302090508**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

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

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

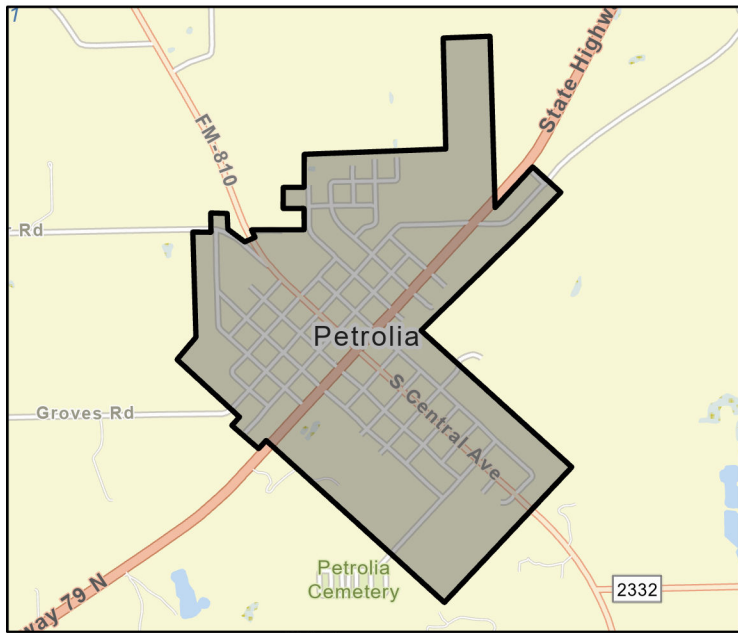
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wichita Dams**

ID# **011000207**

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

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

Study Details

Study type **Watershed Planning**
 Study description **Perform a watershed-wide evaluation of 4 dams to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.**

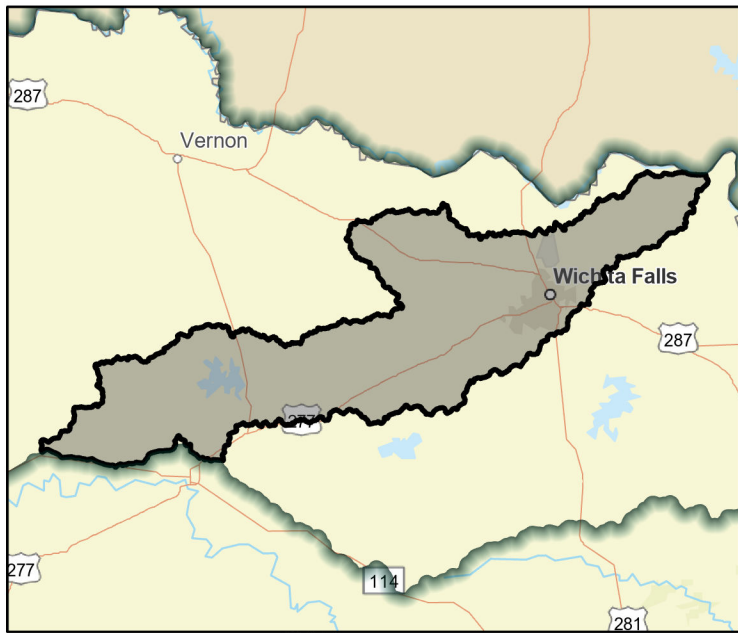
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Clay, Wichita, Wilbarger, Knox, Baylor,** Watershed HUC# (if known) **-**
 Drainage area (Square miles, est.) **1,020** Goal(s) **01000007**

100-Year Flood Risk Summary

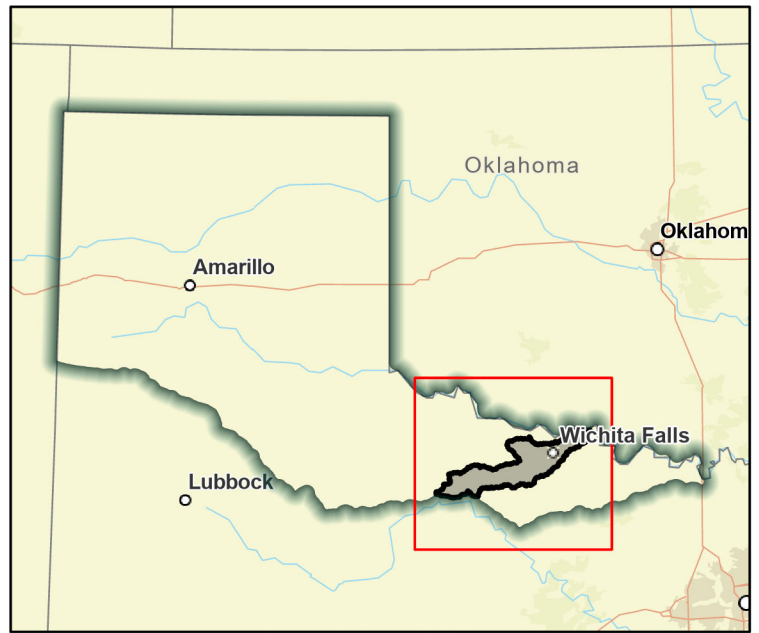
Population at risk **10,521** # of structures **4,093** Critical facilities **72**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **Yes** Other? **No**
 Farm/Ranch land impacted (acres) **85,639** Roadway(s) impacted (length) **181**
 Number of low water crossings **154** Historical road closures **154**

Estimated Cost and Funding Availability

Total Cost **\$189,000** Amount of Available Funding **-** Federal funding availability **No**
 Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Canadian City Drainage Master Plan**

ID# **011000071**

Sponsor (name of entity, not person) **Canadian (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Hemphill** Watershed HUC# (if known) **110901060801**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **12** # of structures **10** Critical facilities **0**

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

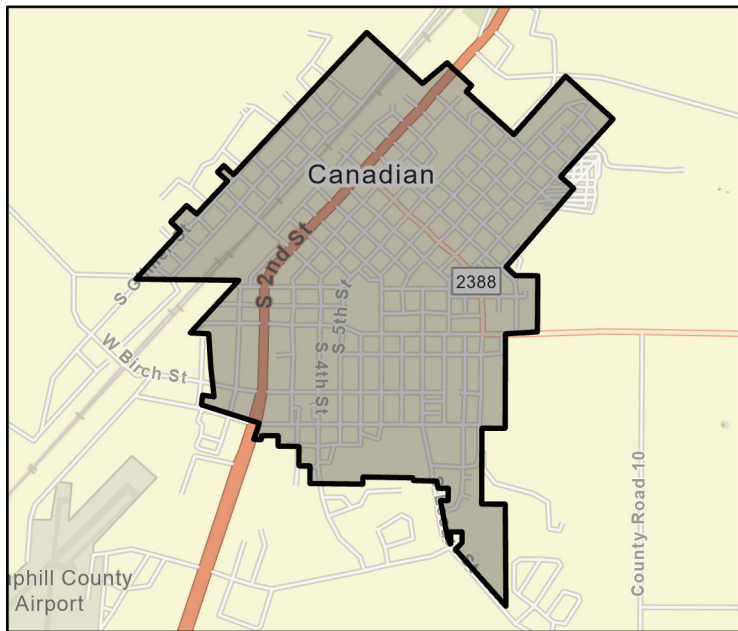
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Clarendon City Drainage Master Plan**

ID# **011000064**

Sponsor (name of entity, not person) **Clarendon (Municipality)**

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

Study Details

Study type **Watershed Planning**
 Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains and playa lakes.**

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

County **Donley** Watershed HUC# (if known) **111202010203, 111202010204**

Drainage area (Square miles, est.) **3** Goal(s) **01000001, 01000002, 01000005, 01000006**

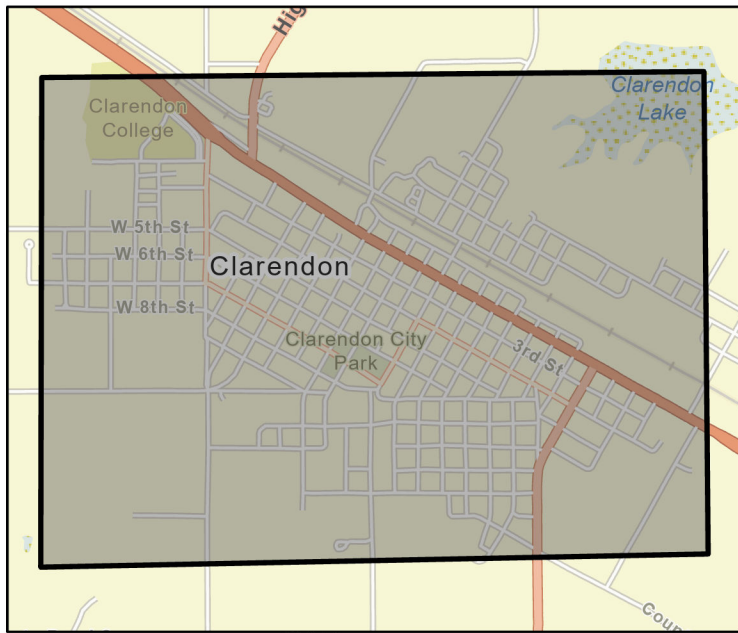
100-Year Flood Risk Summary

Population at risk **376** # of structures **128** Critical facilities **2**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **Yes** Other? **No**
 Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **9**
 Number of low water crossings **3** Historical road closures **3**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Clarendon GIS Development

ID# 011000102

Sponsor (name of entity, not person) Clarendon (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Donley Watershed HUC# (if known) 111202010203, 111202010204

Drainage area (Square miles, est.) 3 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 376 # of structures 128 Critical facilities 2

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

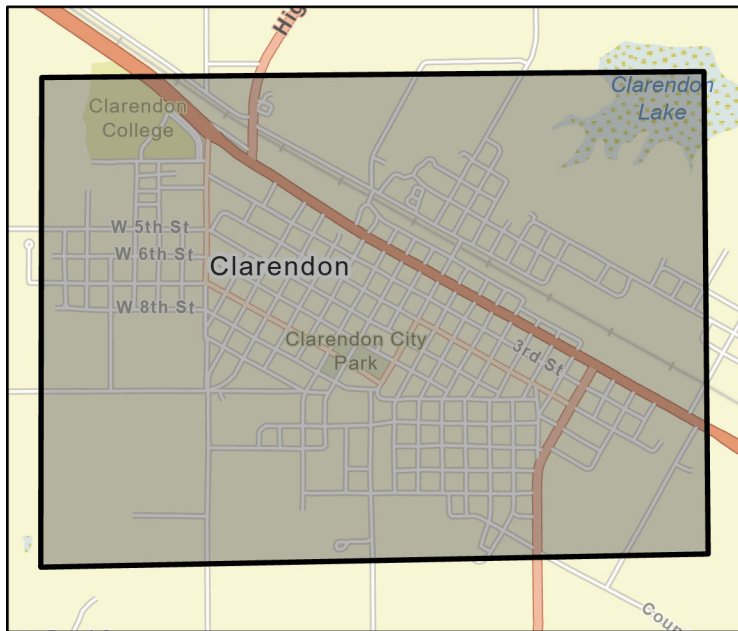
Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (length) 9

Number of low water crossings 3 Historical road closures 3

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Tulia City Drainage Master Plan**

ID# **011000074**

Sponsor (name of entity, not person) **Tulia (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses**

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

County **Swisher** Watershed HUC# (if known) **111201040204, 111201040205, 111201040206, 111201040304**

Drainage area (Square miles, est.) **4** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **0** # of structures **5** Critical facilities **0**

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

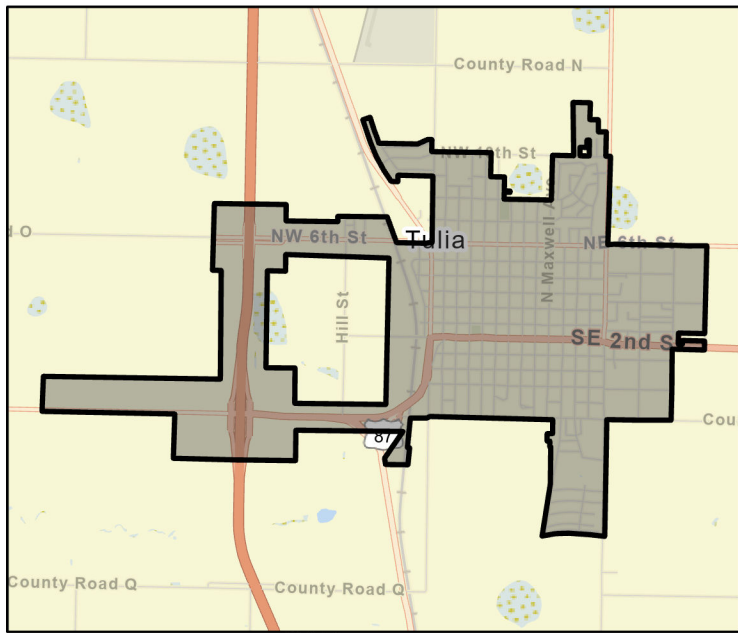
Farm/Ranch land impacted (acres) **11** Roadway(s) impacted (length) **5**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Tule Dams

ID# 011000200

Sponsor (name of entity, not person) Tulia (Municipality)

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 1 dam to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

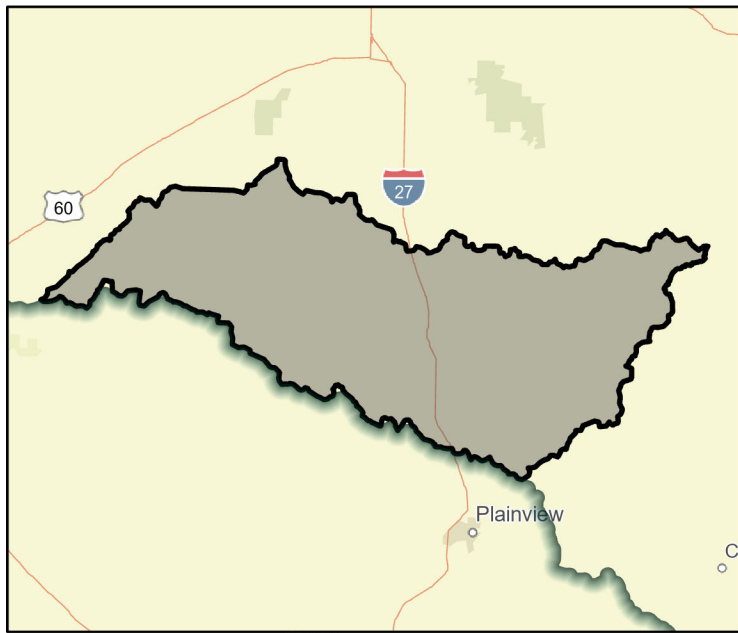
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Hale, Briscoe, Swisher, Castro, Parmer, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 1,275 Goal(s) 01000007

100-Year Flood Risk Summary

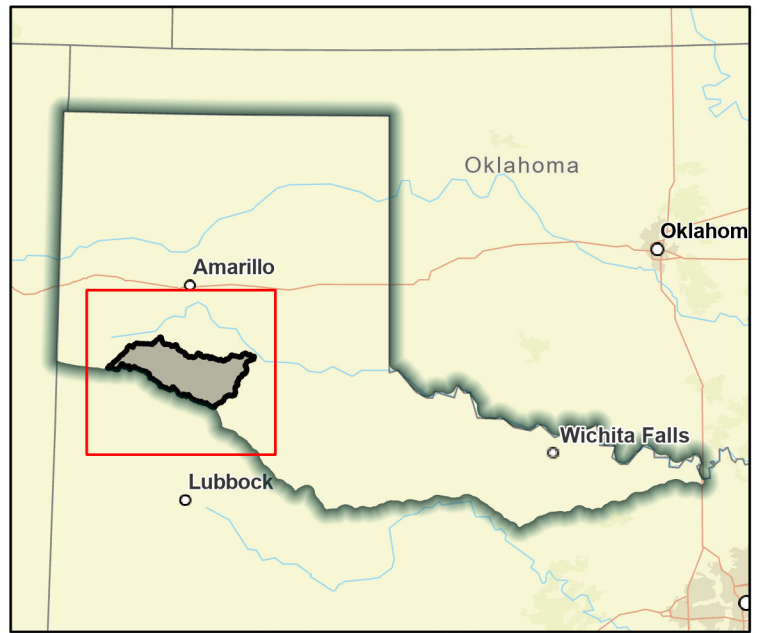
Population at risk 86 # of structures 105 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 65,273 Roadway(s) impacted (length) 250
 Number of low water crossings 16 Historical road closures 16

Estimated Cost and Funding Availability

Total Cost \$58,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Windthorst City Drainage Master Plan

ID# 011000068

Sponsor (name of entity, not person) Windthorst (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Clay, Archer Watershed HUC# (if known) 111302090301, 111302090302

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006

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

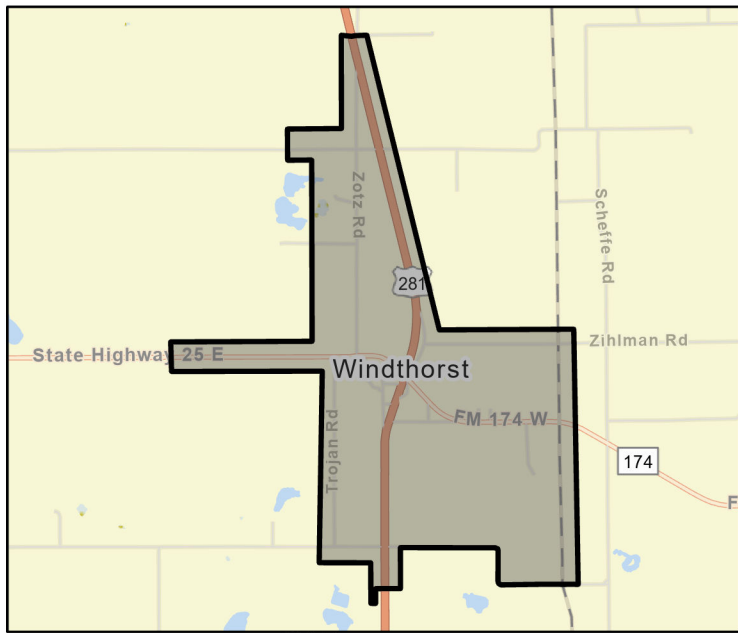
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hereford City Drainage Master Plan

ID# 011000078

Sponsor (name of entity, not person) Hereford (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses

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

County Deaf Smith Watershed HUC# (if known) 111201010505, 111201010507

Drainage area (Square miles, est.) 6 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 55 # of structures 19 Critical facilities 0

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

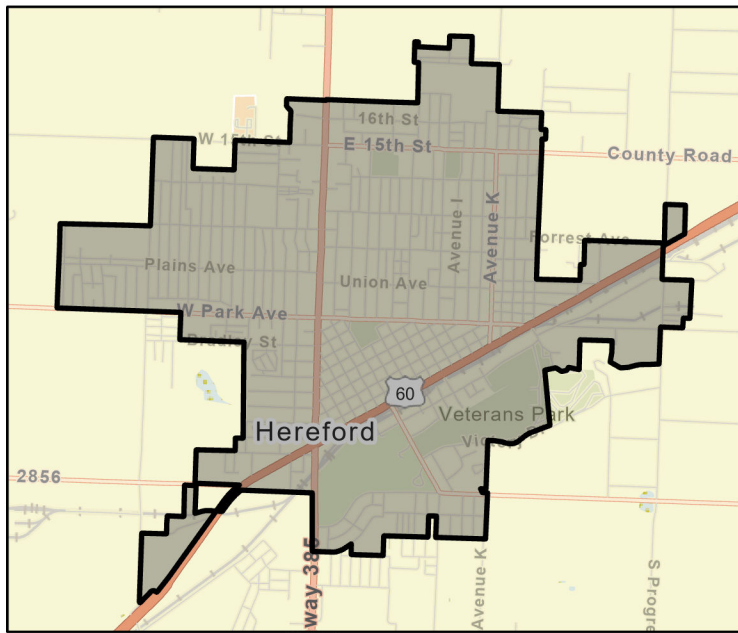
Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (length) 2

Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Scotland City Drainage Master Plan**

ID# **011000079**

Sponsor (name of entity, not person) **Scotland (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Clay, Archer** Watershed HUC# (if known) **111302090207, 111302090208, 111302090301, 111302090302,**

Drainage area (Square miles, est.) **10** Goal(s) **01000001, 01000002, 01000005, 01000006**

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**

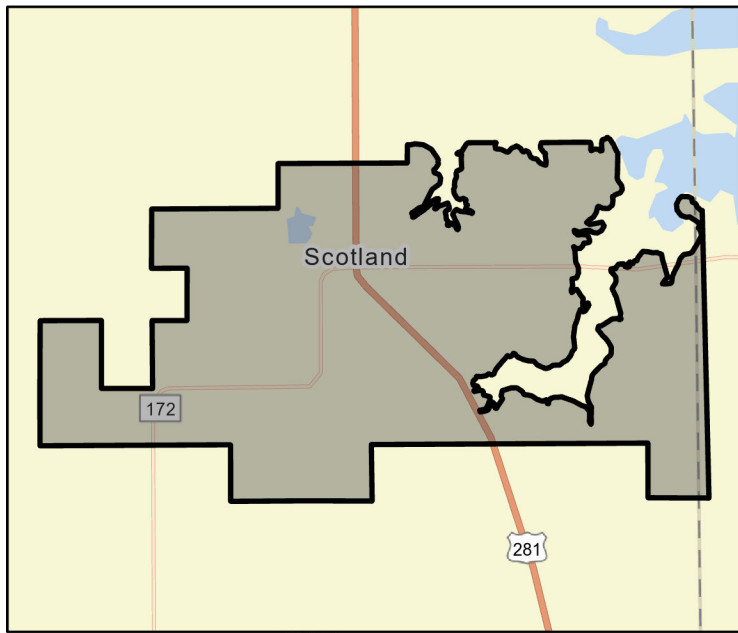
Farm/Ranch land impacted (acres) **27** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Lefors City Drainage Master Plan**

ID# **011000080**

Sponsor (name of entity, not person) **Lefors (Municipality)**

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

Study Details

Study type **Watershed Planning**
 Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains**

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

County **Gray** Watershed HUC# (if known) **111203010305**

Drainage area (Square miles, est.) **0** Goal(s) **01000001, 01000002, 01000005, 01000006**

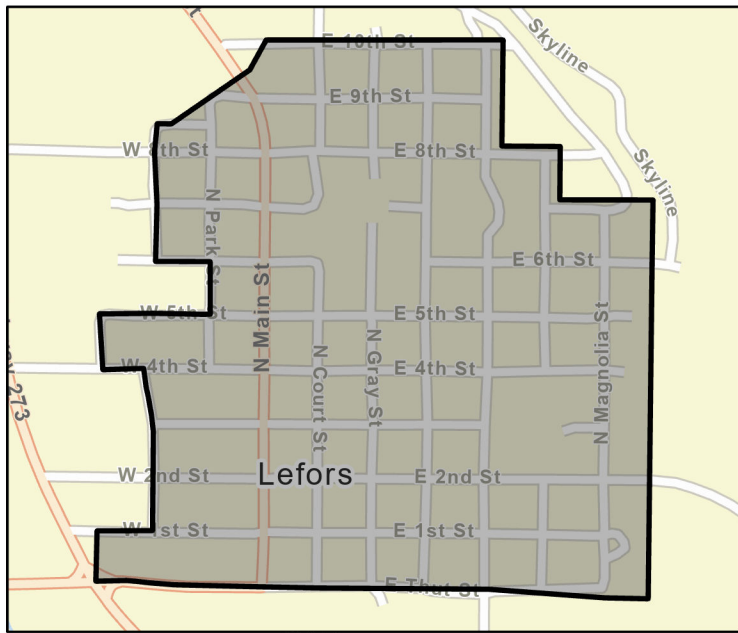
100-Year Flood Risk Summary

Population at risk **28** # of structures **18** Critical facilities **0**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**
 Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**
 Number of low water crossings **0** Historical road closures **0**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Lefors GIS Development

ID# 011000106

Sponsor (name of entity, not person) Lefors (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Gray Watershed HUC# (if known) 111203010305

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 28 # of structures 18 Critical facilities 0

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

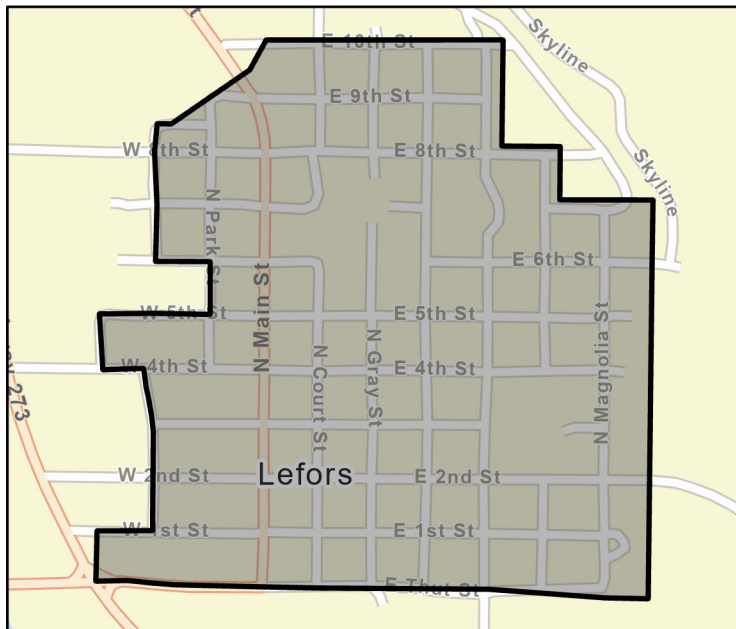
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

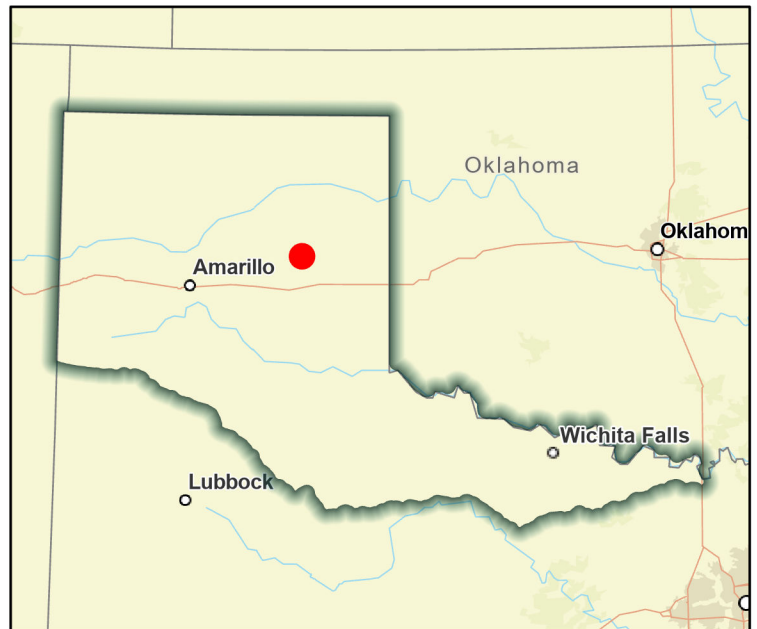
Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Quitaque City Drainage Master Plan**

ID# **011000062**

Sponsor (name of entity, not person) **Quitaque (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Briscoe** Watershed HUC# (if known) **111301030209, 111301030304**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **1** # of structures **2** Critical facilities **0**

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

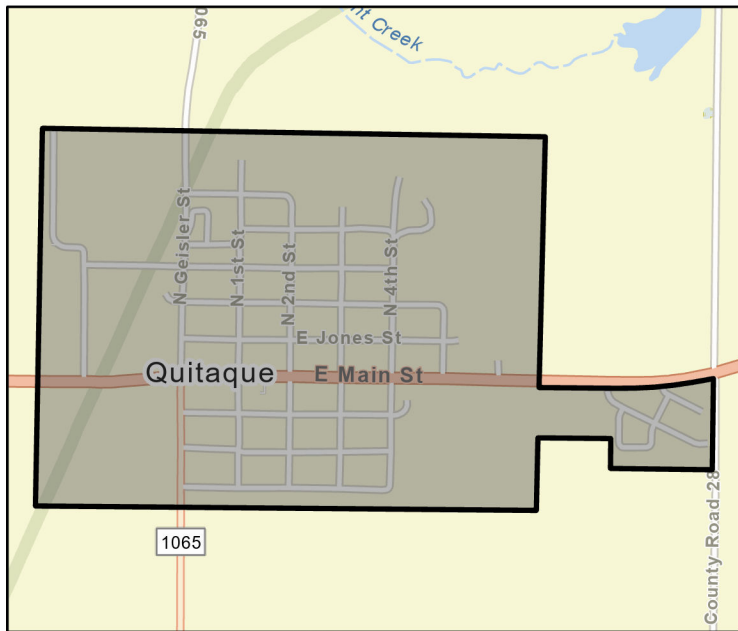
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Silverton City Drainage Master Plan**

ID# **011000077**

Sponsor (name of entity, not person) **Silverton (Municipality)**

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

Study Details

Study type **Watershed Planning**
 Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with many natural features**

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

County **Briscoe** Watershed HUC# (if known) **111301030101**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Silverton GIS Development

ID# 011000105

Sponsor (name of entity, not person) Silverton (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Briscoe Watershed HUC# (if known) 111301030101

Drainage area (Square miles, est.) 1 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 0

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

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

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title East Amarillo Creek Project Planning - St. Francis Ave. Tributary Channel Reach (City of Amarillo)

ID# 011000116

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include installing 5-barrel, 5'x3' concrete boxes, and improving the channel. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1

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

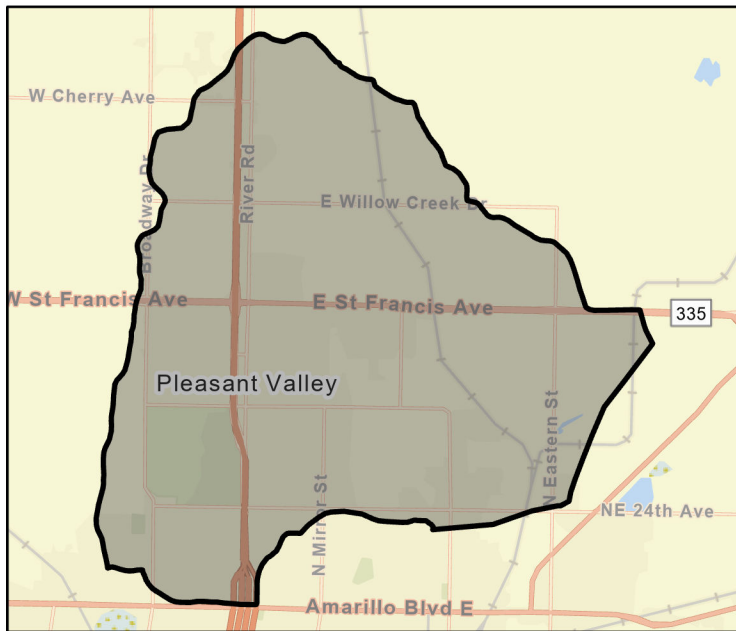
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 84,375 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title East Amarillo Creek Project Planning - Echo Street Tributary Channel Reach (City of Amarillo)

ID# 011000117

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include replacing it with a concrete box, installing additional concrete boxes, raising the road, and improving the channel. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1

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

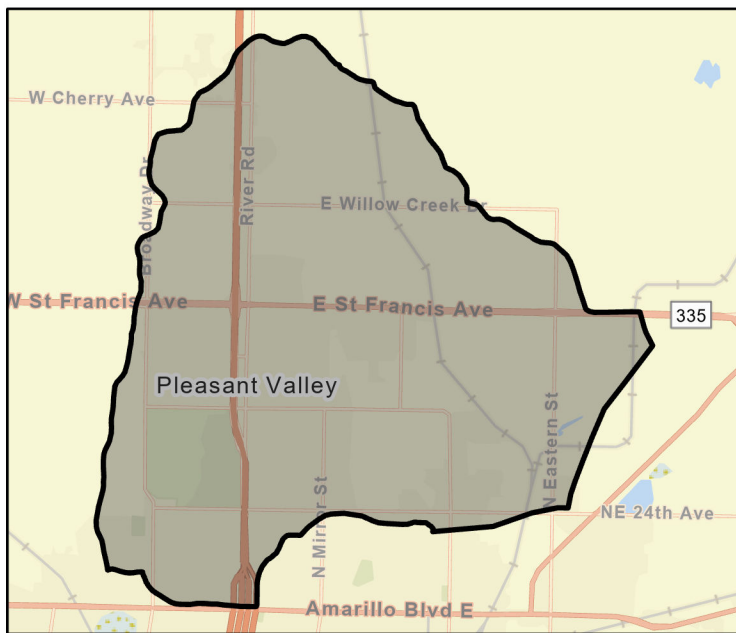
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 112,500 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Culverts: Various Locations (City of Amarillo)

ID# 011000119

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to culverts. Project identified from 2019 Amarillo DMP.

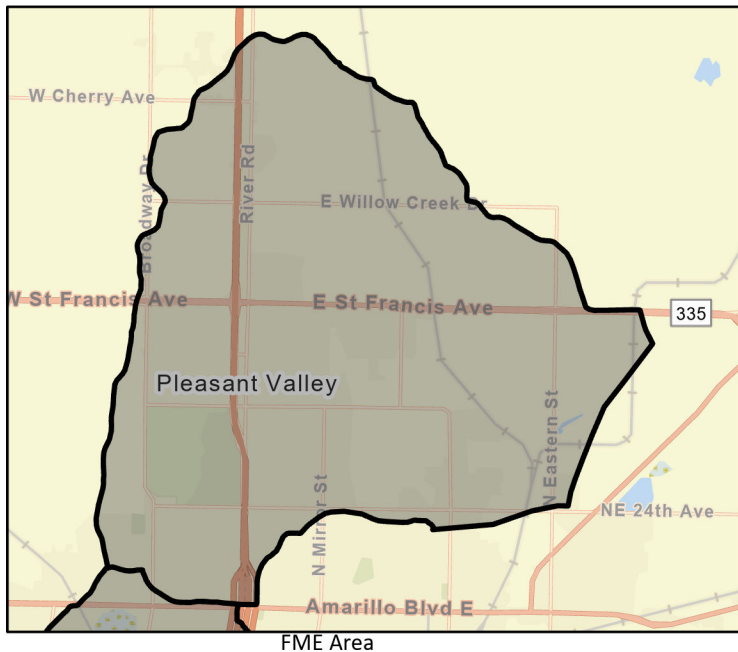
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050402
 Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 618,250 Federal funding availability Yes
 Funding source Amarillo



Flood Management Evaluation (FME)



Title West Amarillo Creek Project Planning - Amarillo Country Club Channel Reach (City of Amarillo)

ID# 011000120

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvement includes installing and replacing concrete boxes, improving the channel, and replacing 2 driveway structures. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050308

Drainage area (Square miles, est.) 10 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 159 # of structures 69 Critical facilities 0

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

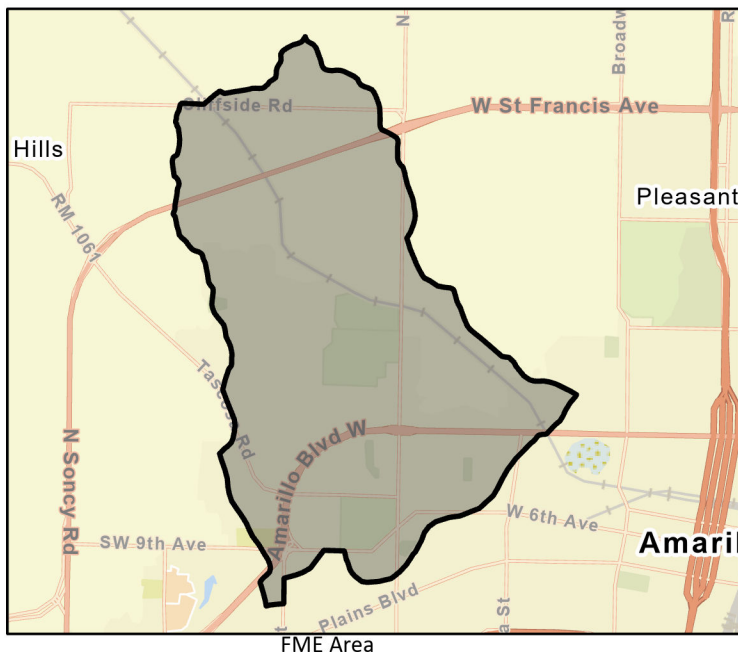
Farm/Ranch land impacted (acres) 124 Roadway(s) impacted (length) 3

Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 141,000 Federal funding availability Yes

Funding source Amarillo



Flood Management Evaluation (FME)

Title West Amarillo Creek Project Planning - Partridge/Cloud Crest Channel Reach (City of Amarillo)

ID# 011000121

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to West Amarillo Creek Study Area - Partridge/Cloud Crest Channel Reach. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050308

Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 1,864 # of structures 48 Critical facilities 1

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

Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5

Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 142,750 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Quail Creek Channel from Plum Creek Storm Channel Reach (City of Amarillo)

ID# 011000122

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Quail Creek Channel from Plum Creek Storm Channel Reach. Project identified from 2019 Amarillo DMP.

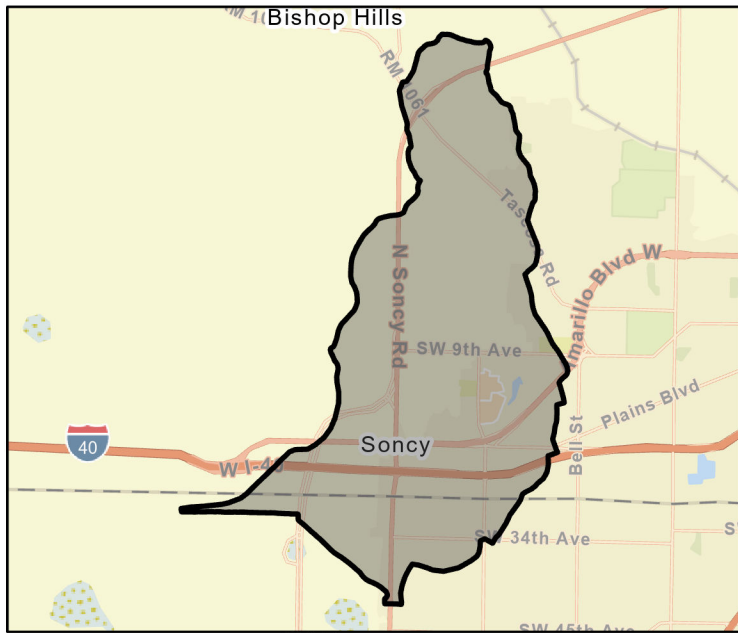
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050308
 Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 1,864 # of structures 48 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5
 Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 87,500 Federal funding availability Yes
 Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title East Amarillo Creek Project Planning - Lower East Amarillo Creek Channel Reach (City of Amarillo)

ID# 011000123

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Replace four arch CMP and improve channels. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1

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

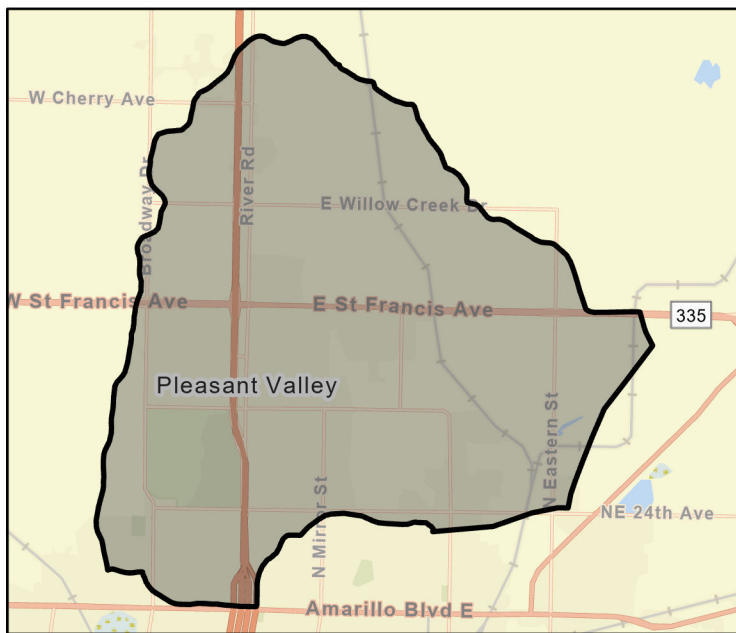
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 396,000 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title East Amarillo Creek Project Planning - Hastings Ave. to River Road Channel Reach (City of Amarillo)

ID# 011000124

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include installing additional concrete boxes, a reinforced concrete bridge, and improving the channel. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1

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

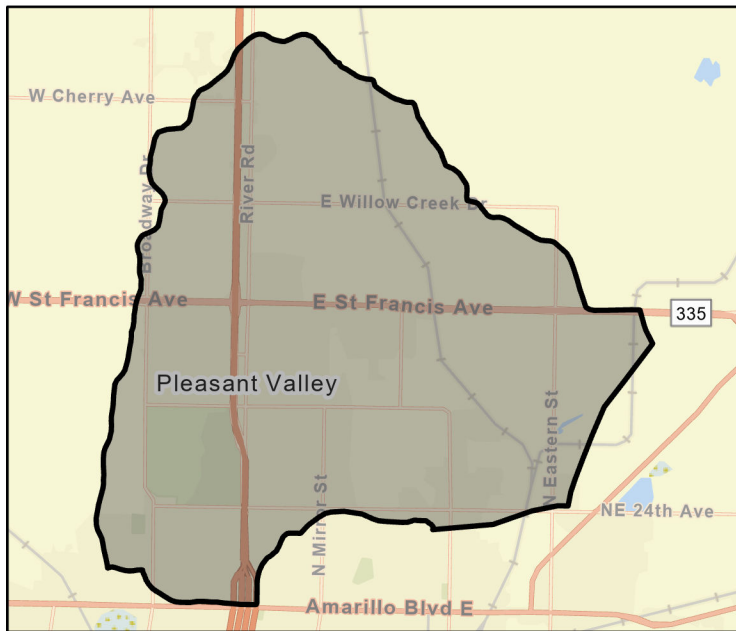
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 588,000 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title East Amarillo Creek Project Planning - Valley Park Tributary Channel Reach (City of Amarillo)

ID# 011000125

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include modifying and installing concrete boxes, raising roads, and improving channels. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1

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

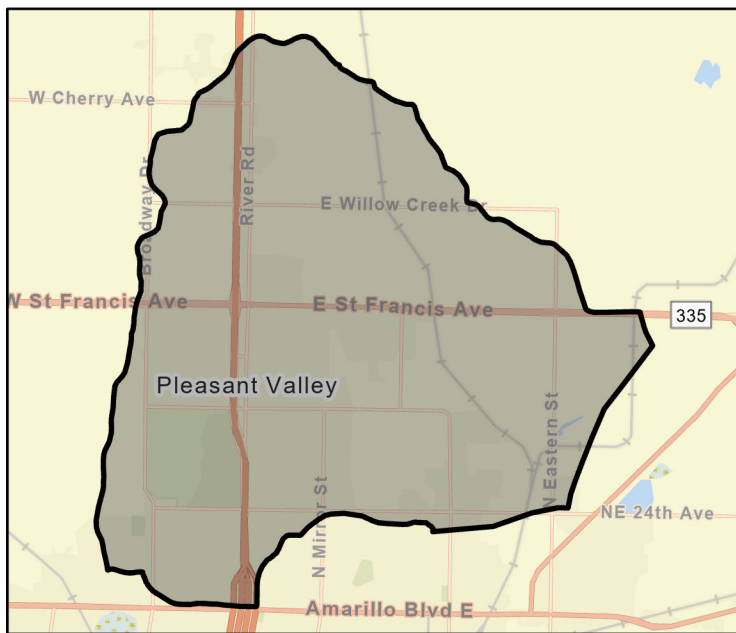
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 201,500 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title West Amarillo Creek Project Planning - Westcliff Channel Reach (City of Amarillo)

ID# 011000127

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include 2 additional 36" RCP at Kouba Drive and improving channel from W. 9th Ave to Kouba Dr. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050308

Drainage area (Square miles, est.) 10 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 159 # of structures 69 Critical facilities 0

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

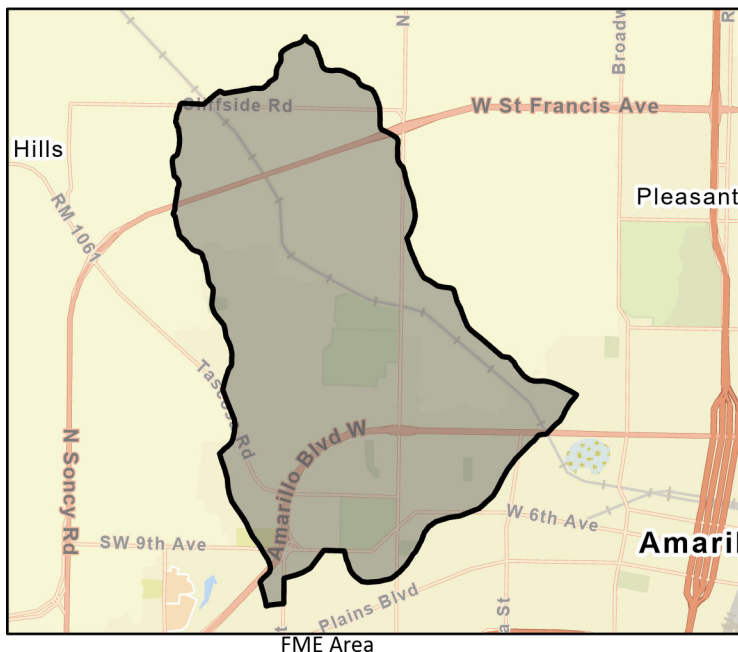
Farm/Ranch land impacted (acres) 124 Roadway(s) impacted (length) 3

Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 73,750 Federal funding availability Yes

Funding source Amarillo



Flood Management Evaluation (FME)



Title West Amarillo Creek Project Planning - Wolfin Avenue Channel Reach (City of Amarillo)

ID# 011000128

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include additional RCPs, installing concrete boxes, improving channel, and installing RCP with inlet and outlet structure. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050308

Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 1,864 # of structures 48 Critical facilities 1

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

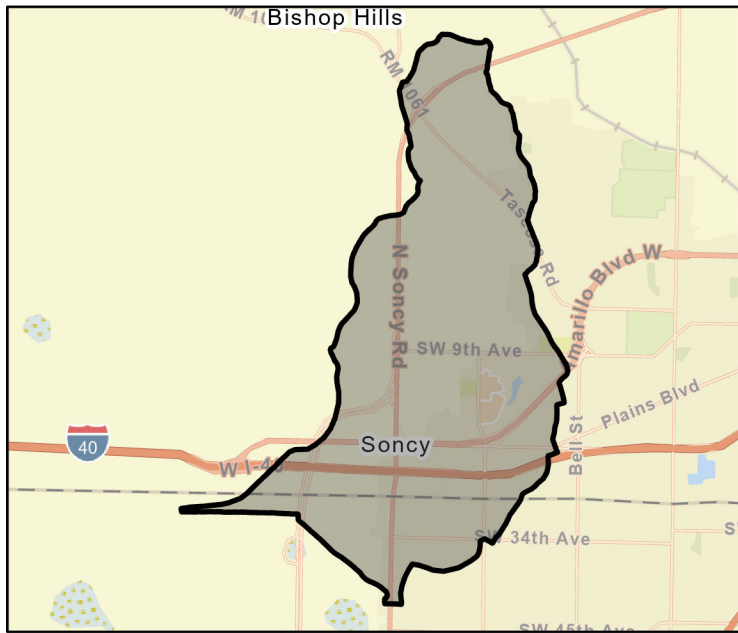
Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5

Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 577,500 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title West Amarillo Creek Project Planning - Tascosa/Westwood Channel Reach (City of Amarillo)

ID# 011000129

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to West Amarillo Creek Study Area - Tascosa/Westwood Channel Reach. Project identified from 2019 Amarillo DMP.

New Hydrologic or Hydraulic model? Yes

Emergency Need? No

Existing/Anticipated models in near term? Yes

County Potter

Watershed HUC# (if known) 110901050308

Drainage area (Square miles, est.) 10

Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 159

of structures 69

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 124

Roadway(s) impacted (length) 3

Number of low water crossings 2

Historical road closures 2

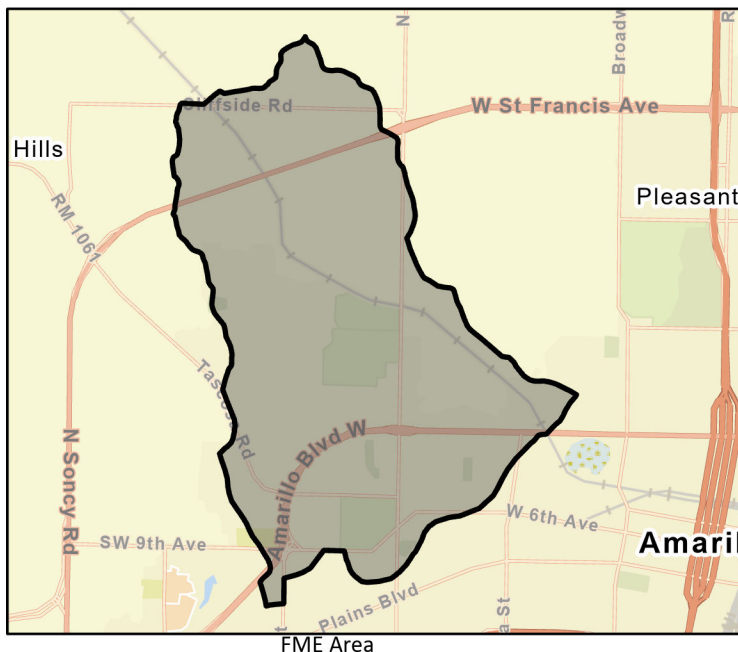
Estimated Cost and Funding Availability

Total Cost \$250,000

Amount of Available Funding 160,500

Federal funding availability Yes

Funding source Amarillo



Flood Management Evaluation (FME)



Title East Amarillo Creek Project Planning - Ross Rogers Tributary Channel Reach (City of Amarillo)

ID# 011000130

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include replacing arch CMP with concrete boxes, raising roads, and installing an additional concrete box. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1

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

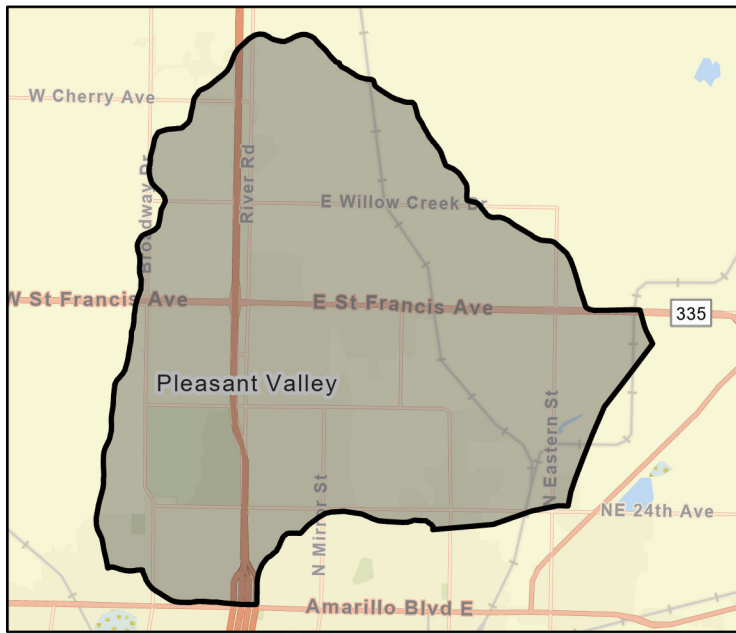
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 129,250 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Project Planning (City of Amarillo)

ID# 011000136

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Add new 3,000 GMP pumps at both pumps, replace 15" PV with 20", and replace 16" STL with 24". Project identified from 2019 Amarillo DMP.

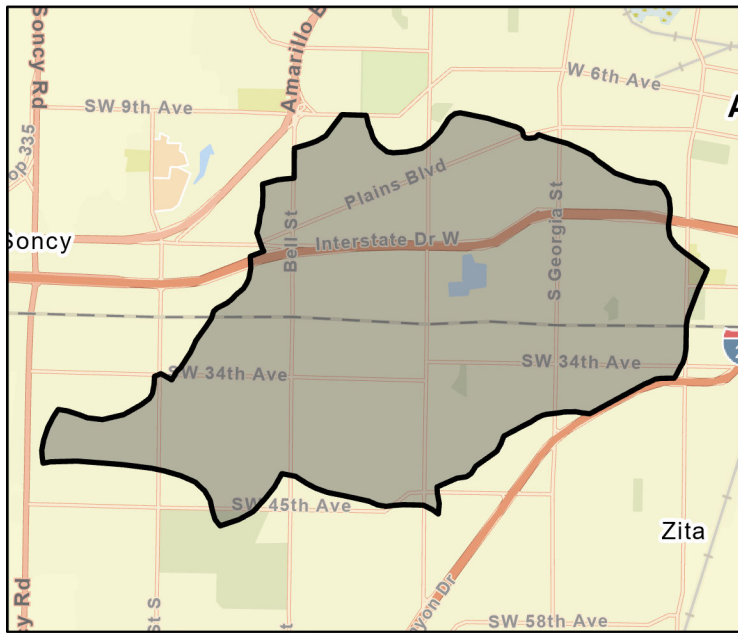
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 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) 19
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 644,000 Federal funding availability Yes
 Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Wild Horse Lake Project Planning (City of Amarillo)

ID# 011000138

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding a 30" relief culvert and a new junction box w/ flap gate. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

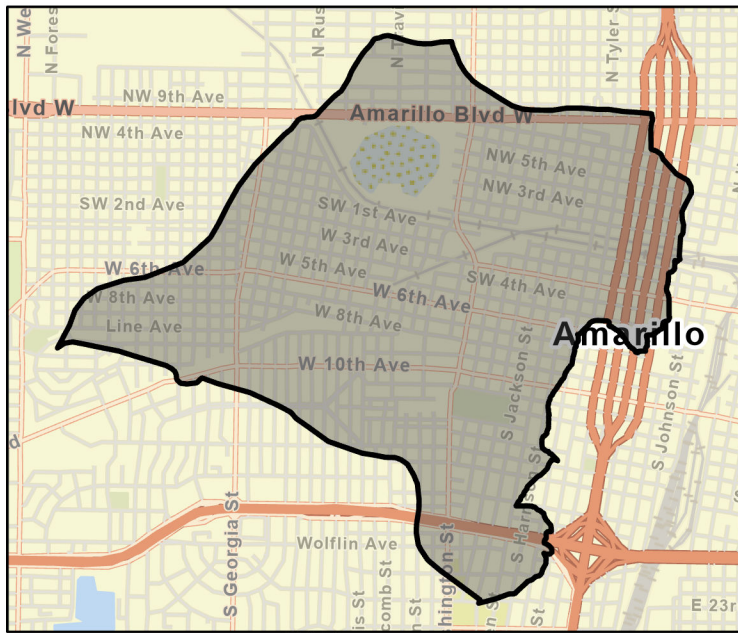
Drainage area (Square miles, est.) 4 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 295 # of structures 30 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 99,750 Federal funding availability Yes
 Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title West Amarillo Creek Project Planning - AISD/B I-40/MediPark (City of Amarillo)

ID# 011000139

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to West Amarillo Creek Study Area - AISD/B I-40/ MediPark. Project identified from 2019 Amarillo DMP.

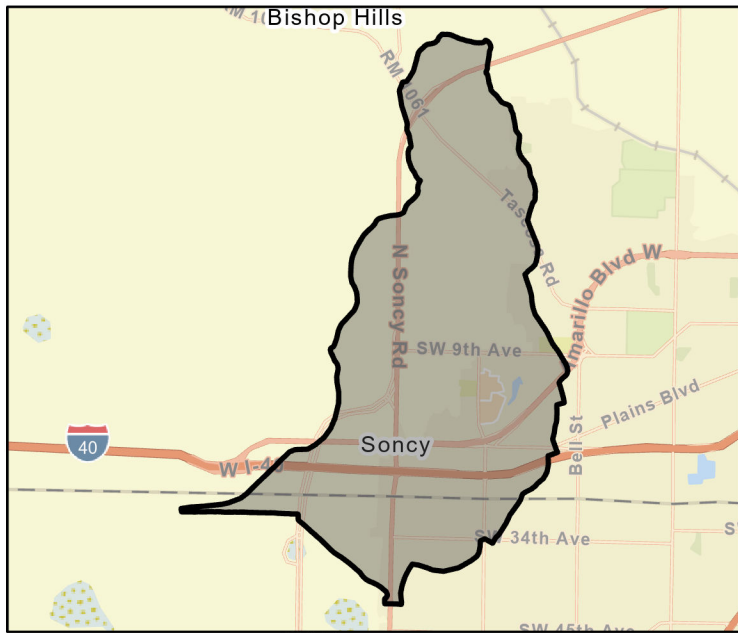
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050308
 Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 1,864 # of structures 48 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5
 Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 383,250 Federal funding availability Yes
 Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title East Amarillo Creek Project Planning - North Bolton St. Storm Sewer (City of Amarillo)

ID# 011000140

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding 1 new 42" RCP and 2 new 48" RCP. Project identified from 2019 Amarillo DMP.

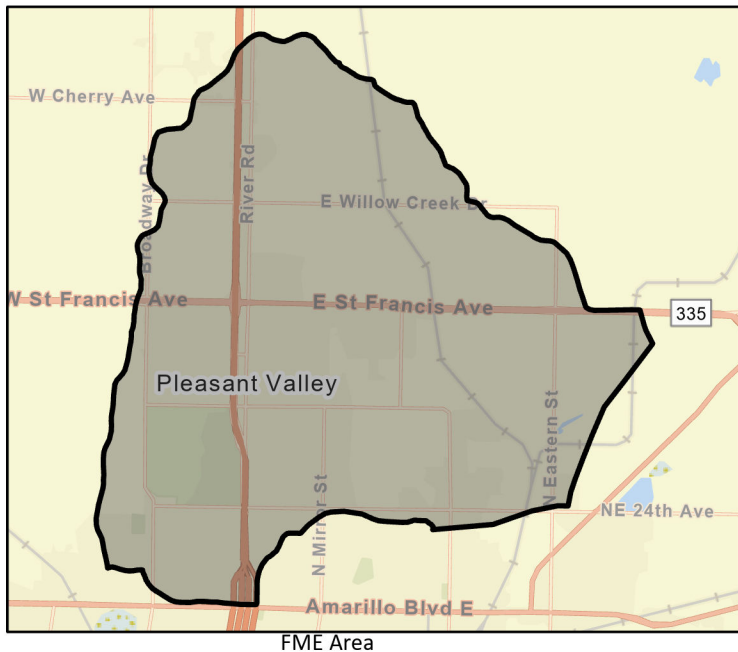
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050402
 Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 351 # of structures 198 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 166,250 Federal funding availability Yes
 Funding source Amarillo



Flood Management Evaluation (FME)



Title Gooch Lake Project Planning - 27th Ave/RR Storm Sewer (City of Amarillo)

ID# 011000150

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding inlets, a 24" RCP lateral, and a manhole. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 111201030106

Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

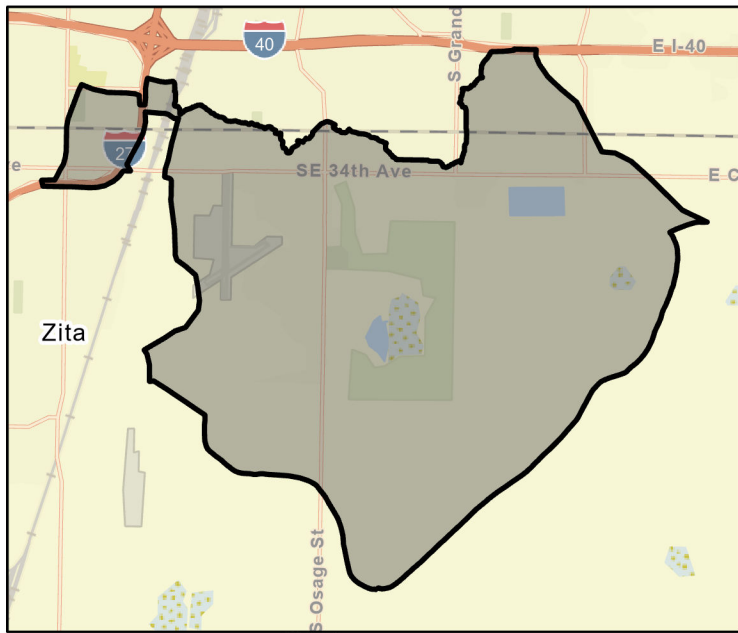
100-Year Flood Risk Summary

Population at risk 22 # of structures 14 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 224 Roadway(s) impacted (length) 4
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 84,750 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Wild Horse Lake Project Planning - ONG/Lipscomb Storm Sewer (City of Amarillo)

ID# 011000151

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include replacing 5 pipes with larger diameters, adding two RCP, and adding a new diversion structure. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402, 111201030101

Drainage area (Square miles, est.) 4 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 295 # of structures 30 Critical facilities 1

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

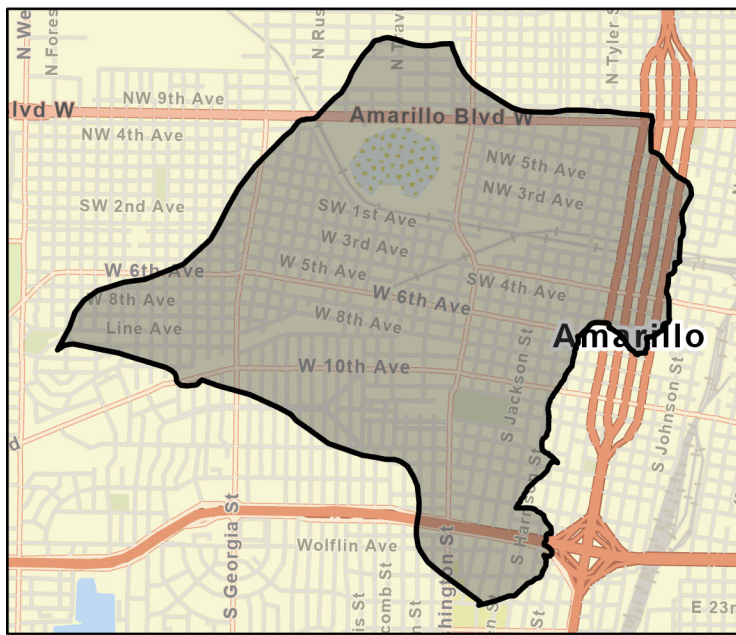
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 755,500 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Project Planning - Dilday Draw Storm Sewer (City of Amarillo)

ID# 011000153

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include channel improvement on several RCP, replacing a 54" and 48" RCP with 60" RCP and adding 30" PCP parallel to 72" RCP. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 Critical facilities 1

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

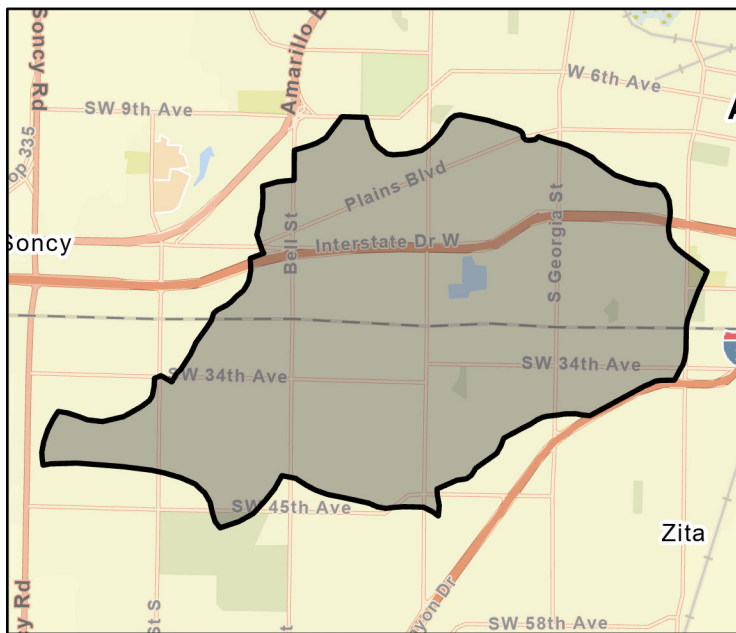
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 19

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 196,000 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Project Planning - Julian Blvd. Storm Sewer (City of Amarillo)

ID# 011000155

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements consist of adding a major trunkline, and a lateral and inlets. Project identified from 2019 Amarillo DMP.

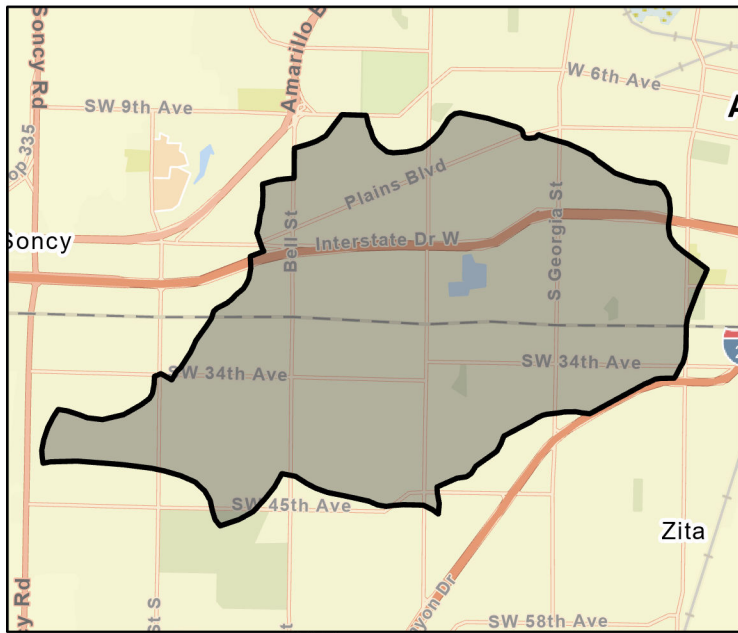
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 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) 19
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 218,250 Federal funding availability Yes
 Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Wild Horse Lake Improvement (City of Amarillo)

ID# 011000158

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Wild Horse Lake. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 4 Goal(s) 01000003, 01000004

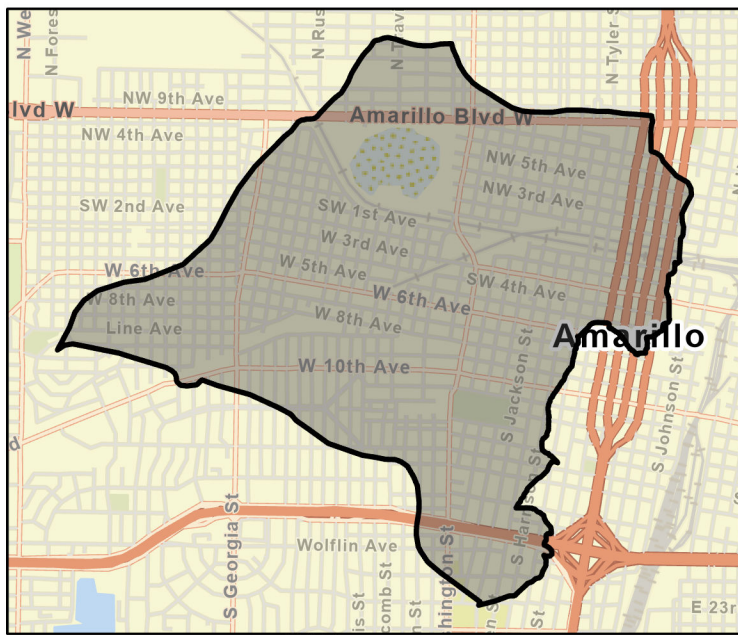
100-Year Flood Risk Summary

Population at risk 295 # of structures 30 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 101,500 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Playa 35 Watershed Study (City of Amarillo)

ID# 011000170

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP

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

County Potter Watershed HUC# (if known) 111201030107, 111201030501

Drainage area (Square miles, est.) 3 Goal(s) 01000001, 01000002

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? Yes Other? No

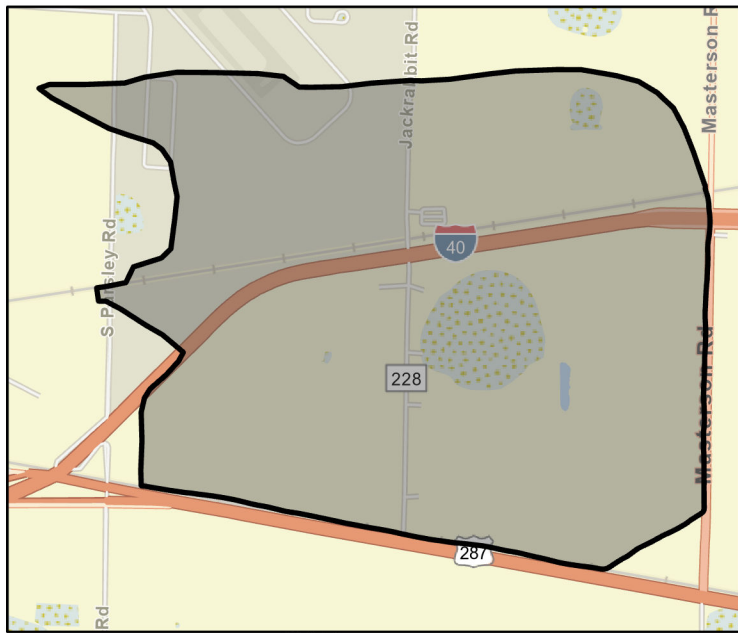
Farm/Ranch land impacted (acres) 68 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$420,000 Amount of Available Funding 104,883 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Wild Horse Lake Watershed Study (City of Amarillo)

ID# 011000171

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP

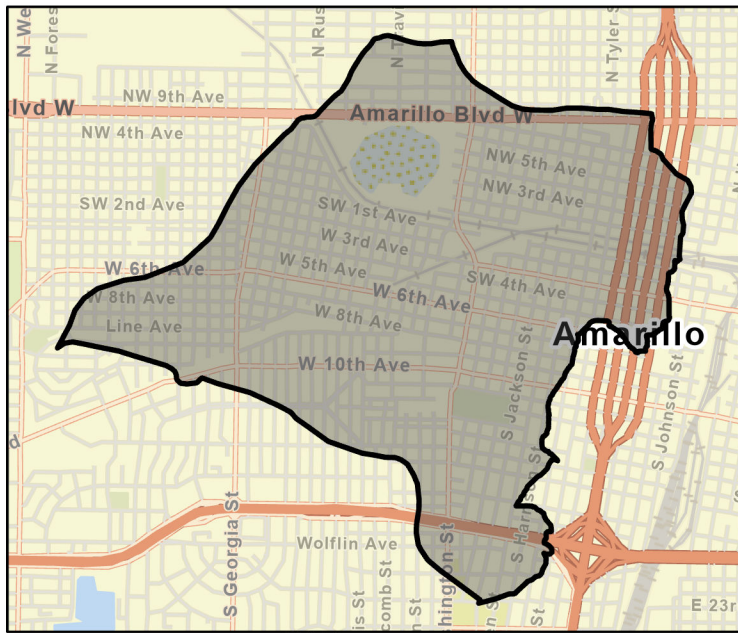
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050308, 110901050309, 110901050402, 111201030101,
 Drainage area (Square miles, est.) 4 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 295 # of structures 30 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$548,000 Amount of Available Funding 136,986 Federal funding availability Yes
 Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Culverts: Various Locations (City of Amarillo)

ID# 011000183

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to culverts. Project identified from 2019 Amarillo DMP.

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

County Potter Watershed HUC# (if known) 110901050402

Drainage area (Square miles, est.) 4 Goal(s) 01000003, 01000004

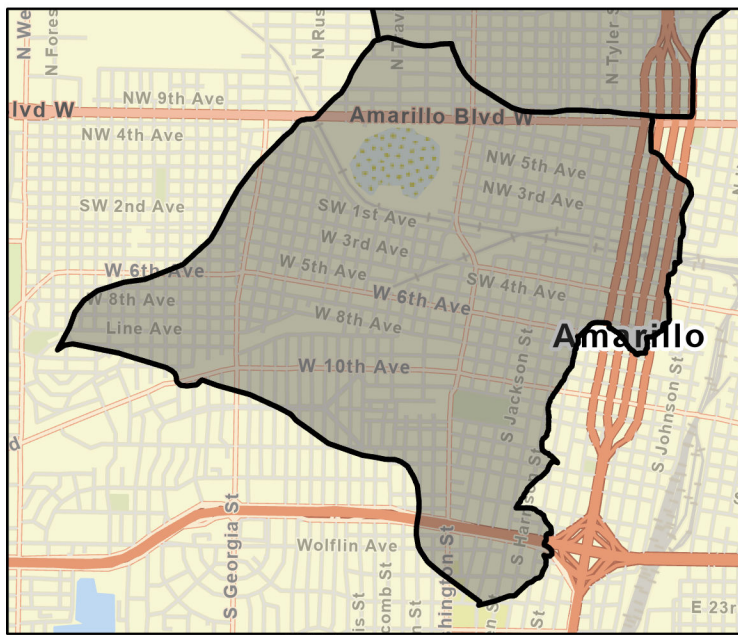
100-Year Flood Risk Summary

Population at risk 295 # of structures 30 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 62,500 Federal funding availability Yes

Funding source Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Palo Duro Dams (South)

ID# 011000201

Sponsor (name of entity, not person) Amarillo (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform a watershed-wide evaluation of 1 dam to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

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

County Potter, Oldham, Randall, Deaf Smith Watershed HUC# (if known) -

Drainage area (Square miles, est.) 959 Goal(s) 01000007

100-Year Flood Risk Summary

Population at risk 1,015 # of structures 309 Critical facilities 1

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

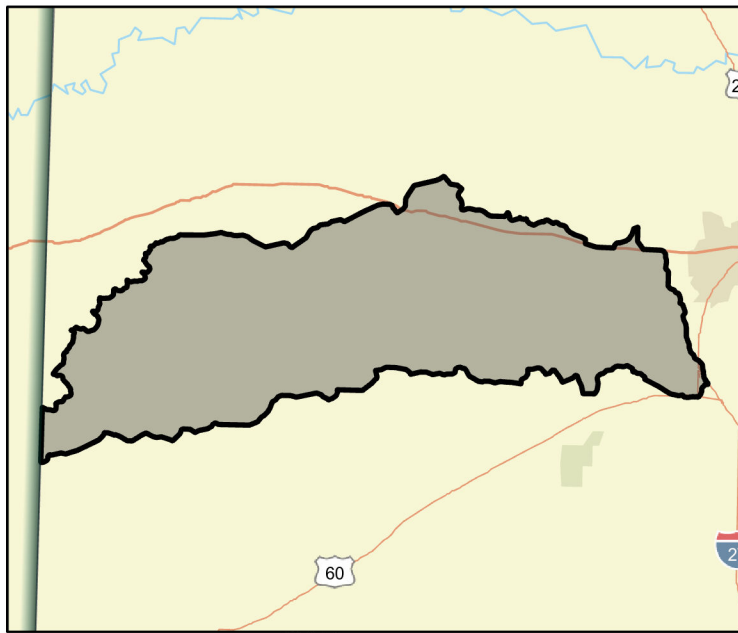
Farm/Ranch land impacted (acres) 31,798 Roadway(s) impacted (length) 50

Number of low water crossings 12 Historical road closures 12

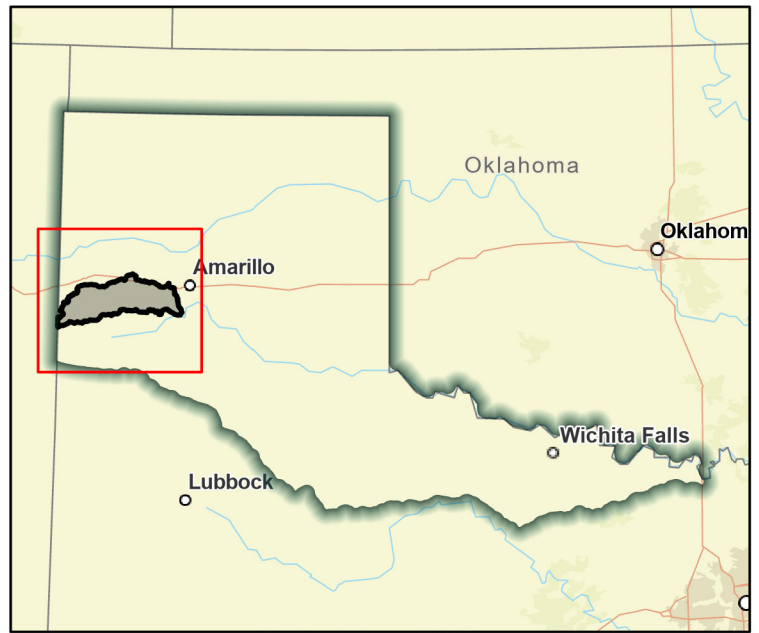
Estimated Cost and Funding Availability

Total Cost \$58,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Amarillo City Drainage Master Plan**

ID# **011000082**

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

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Update existing drainage mater plan.**

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

County **Potter, Randall** Watershed HUC# (if known) **110901050308, 110901050309, 110901050402, 111201030101,**

Drainage area (Square miles, est.) **102** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **8,883** # of structures **1,703** Critical facilities **7**

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

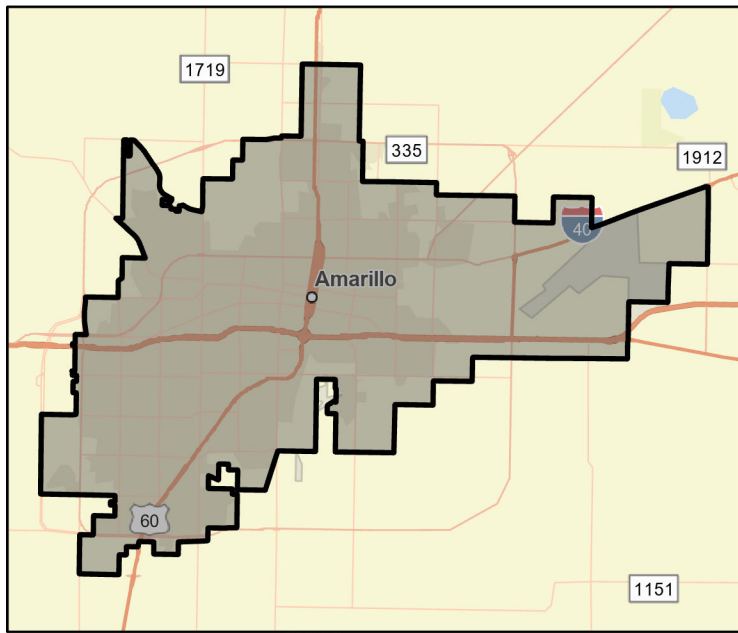
Farm/Ranch land impacted (acres) **213** Roadway(s) impacted (length) **103**

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

Estimated Cost and Funding Availability

Total Cost **\$1,000,000** Amount of Available Funding **250,000** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Comanche Drainage Channel (City of Amarillo)

ID# 011000118

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Comanche Drainage Channel. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030106

Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

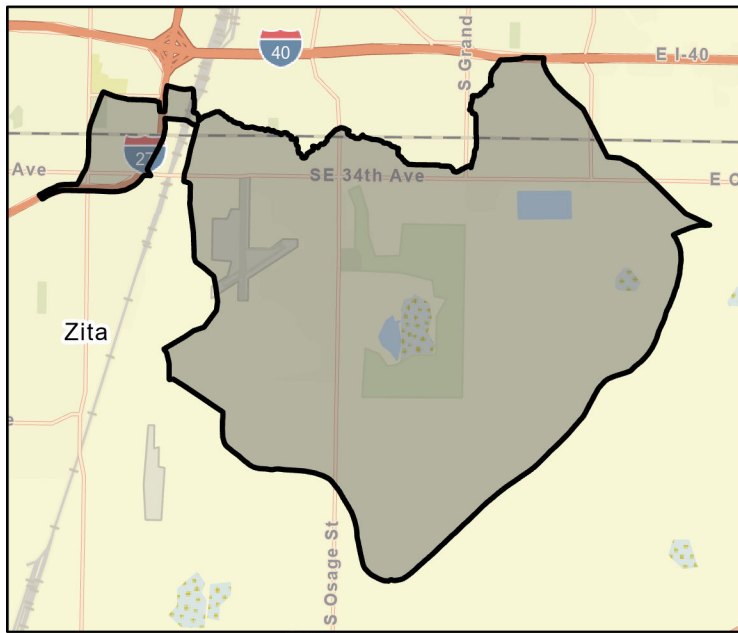
100-Year Flood Risk Summary

Population at risk 22 # of structures 14 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 224 Roadway(s) impacted (length) 4
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 109,000 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title SE 34th/ Grand at Comanche Golf Course Channel (City of Amarillo)

ID# 011000126

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to SE 34th/ Grand at Comanche Golf Course Channel. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030106

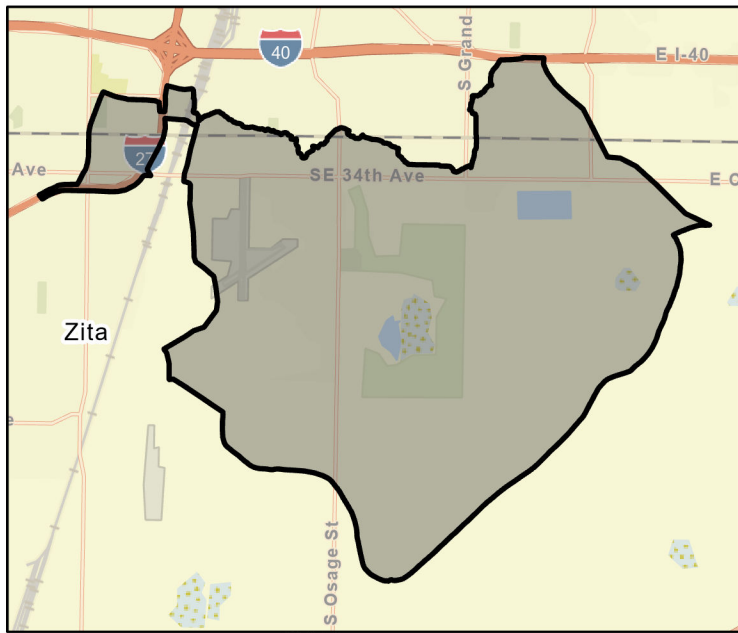
Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 22 # of structures 14 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 224 Roadway(s) impacted (length) 4
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 165,250 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Playa No. 14 Project Planning - Diamond Horseshoe Lake (City of Amarillo)

ID# 011000131

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvement include new 750 GMP pumping station with 8" suction line, and new 8" force main. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 2 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 12 # of structures 5 Critical facilities 0

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

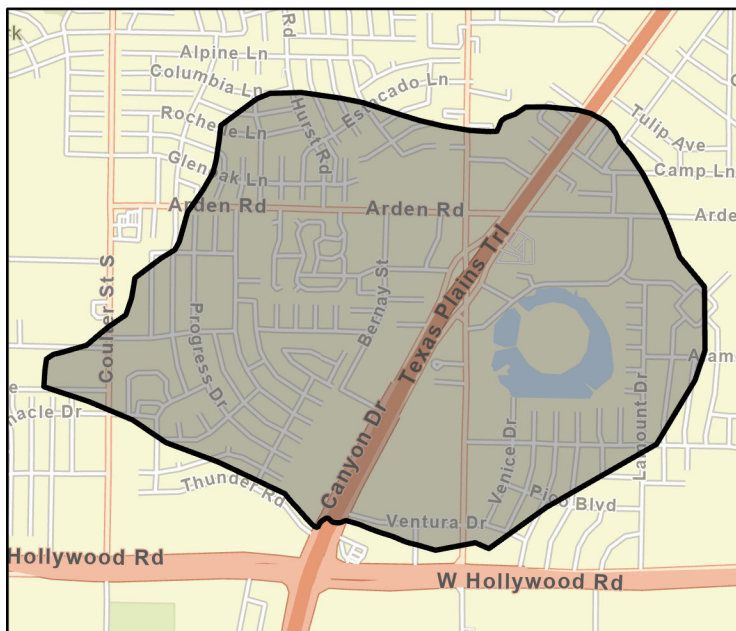
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 136,750 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Playa No. 7 Project Planning (City of Amarillo)

ID# 011000132

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include excavating 100,000 CY, add new 3,000 GPM pumping station with suction line, and add new force main. Project identified from 2019 Amarillo DMP.

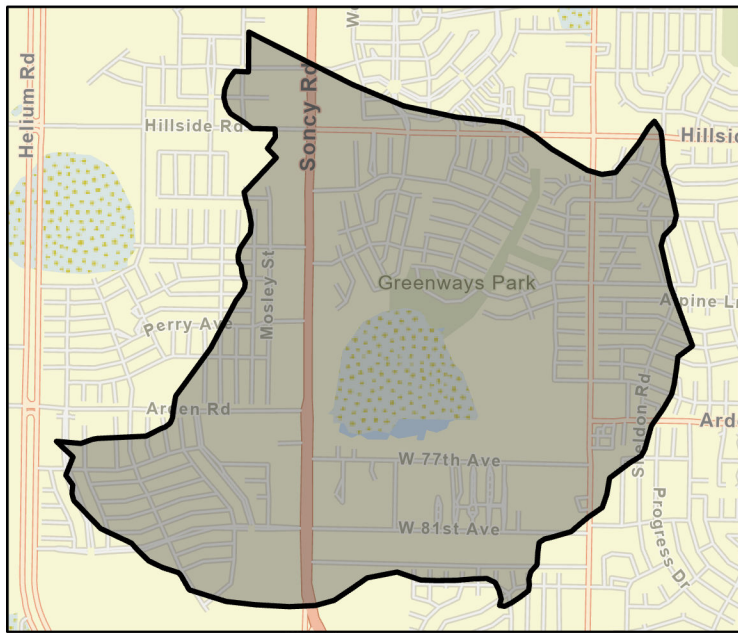
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 3 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 58 # of structures 31 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 19 Roadway(s) impacted (length) 2
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 247,750 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **McCarty Lake Project Planning (City of Amarillo)**

ID# **011000133**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate 900,000 CY. Raise street and install equalization culverts. Add new pumping station with suction line, and add new force main. Project identified from 2019 Amarillo DMP.**

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

County **Randall** Watershed HUC# (if known) **111201030101**

Drainage area (Square miles, est.) **6** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **680** # of structures **200** Critical facilities **0**

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

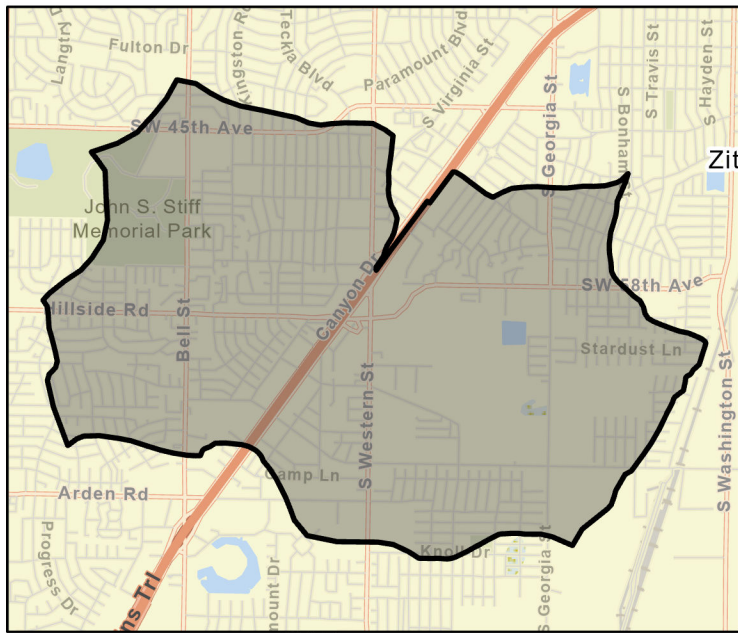
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$382,000** Amount of Available Funding **2,007,335** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Willow Grove Project Planning (City of Amarillo)

ID# 011000134

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate ~5,000 CY to El. 3564.0 to connect two playa chambers. Add new 500 GPM pumping station with 8" suction line and 6" force main. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030102

Drainage area (Square miles, est.) 2 Goal(s) 01000003, 01000004

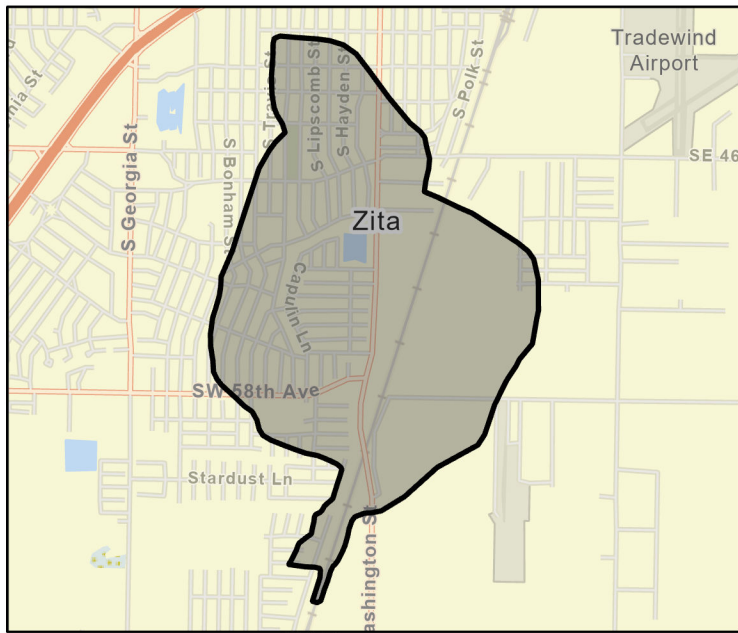
100-Year Flood Risk Summary

Population at risk 730 # of structures 238 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) 4
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 233,500 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Bennett Lake Project Planning (City of Amarillo)**

ID# **011000135**

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

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

Study Details

Study type **Project Planning**
 Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Excavate 140,000 CY, add new 5,000 GPM pumping station with suction line, add several force mains at various sizes. Project identified from 2019 Amarillo DMP.**

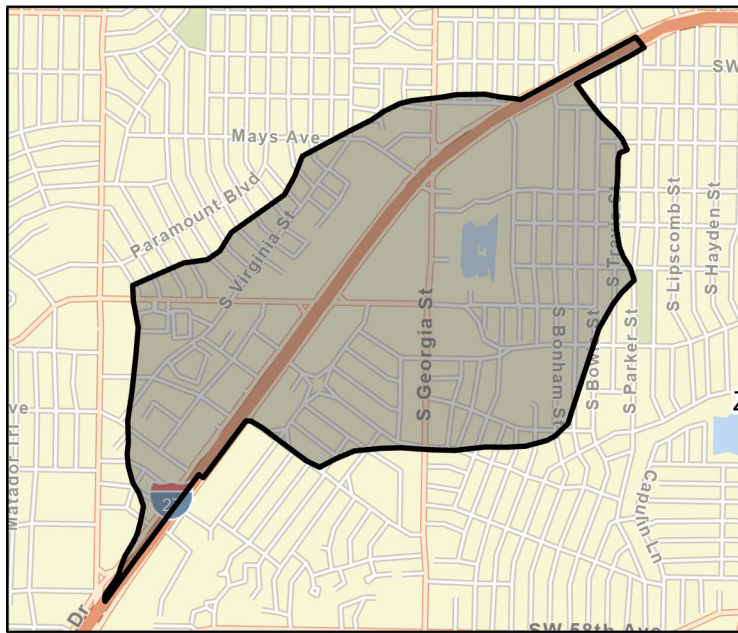
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201030101**
 Drainage area (Square miles, est.) **1** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **438** # of structures **49** 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) **3**
 Number of low water crossings **0** Historical road closures **0**

Estimated Cost and Funding Availability

Total Cost **\$556,000** Amount of Available Funding **2,917,681** Federal funding availability **Yes**
 Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Playa No. 34 Project Planning (City of Amarillo)

ID# 011000137

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding an outfall channel. Project identified from 2019 Amarillo DMP.

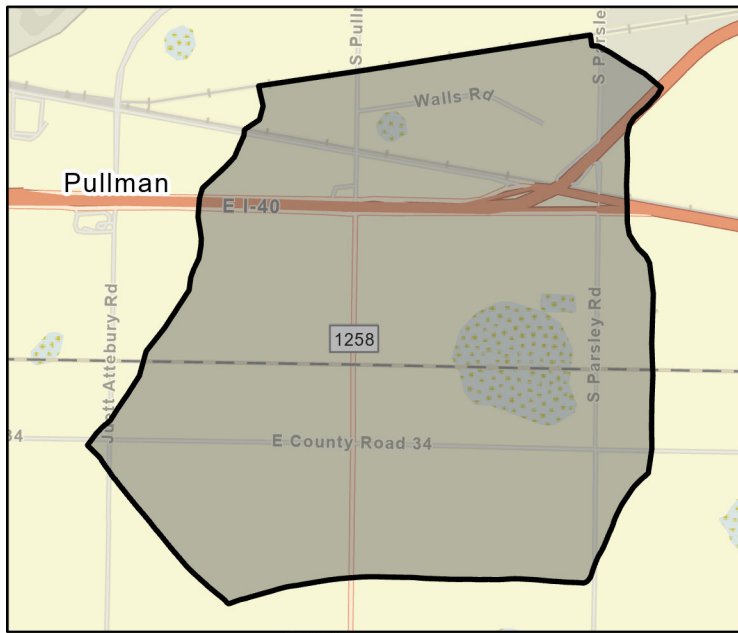
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 111201030107
 Drainage area (Square miles, est.) 4 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 13 # of structures 5 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 134 Roadway(s) impacted (length) 2
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 118,250 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **McCarty Lake Project Planning - Fulton/ Hampton Storm Sewer (City of Amarillo)**

ID# **011000141**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McCarty Lake Study Area - Fulton/ Hampton Storm Sewer. Project identified from 2019 Amarillo DMP.**

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

County **Randall** Watershed HUC# (if known) **111201030101**

Drainage area (Square miles, est.) **6** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **680** # of structures **200** Critical facilities **0**

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

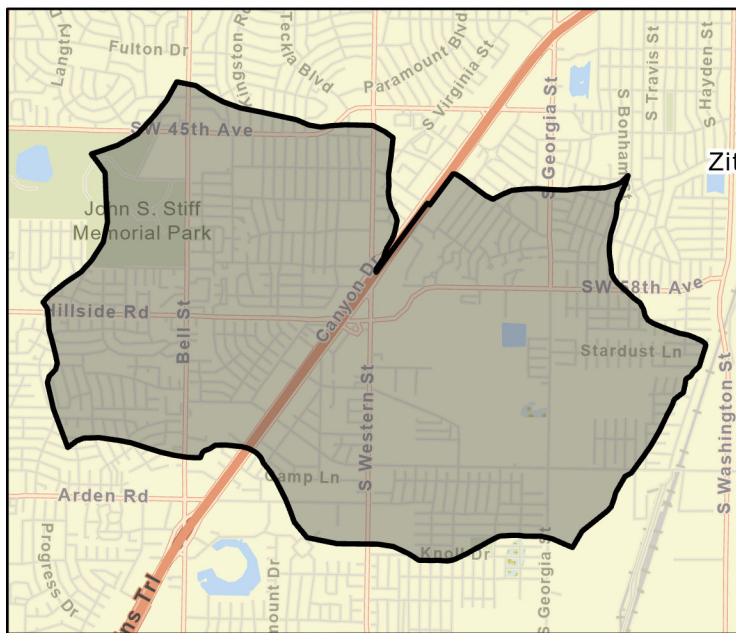
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **661,000** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Playa No. 4 Outfall (City of Amarillo)**

ID# **011000142**

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

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

Study Details

Study type **Project Planning**
 Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Playa No. 4 Outfall. Project identified from 2019 Amarillo DMP.**

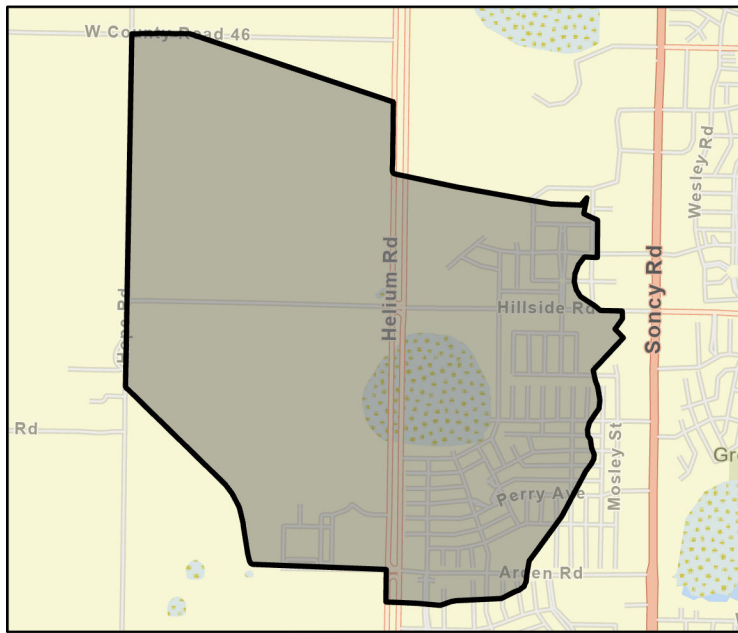
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201020303, 111201030101**
 Drainage area (Square miles, est.) **3** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **280** # of structures **87** Critical facilities **0**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **Yes** Other? **No**
 Farm/Ranch land impacted (acres) **52** Roadway(s) impacted (length) **2**
 Number of low water crossings **0** Historical road closures **0**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **525,750** Federal funding availability **Yes**
 Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title McDonald Lake Project Planning - Wesley, Tripp/Van Winkle Storm Sewer (City of Amarillo)

ID# 011000143

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McDonald Lake Study Area - Wesley, Tripp/Van Winkle Storm Sewer. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 2 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 46 # of structures 13 Critical facilities 0

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

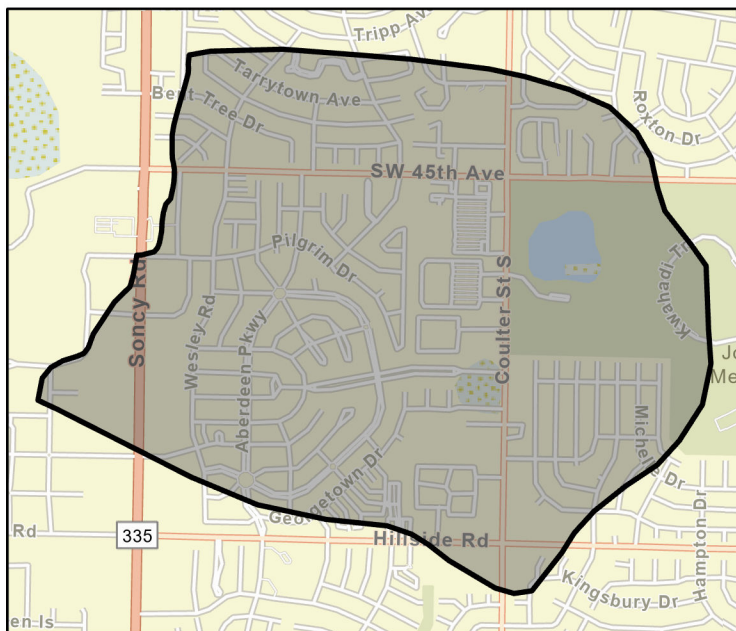
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 142,750 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title McDonald Lake Project Planning - Walmart/ Lowes Storm Sewer (City of Amarillo)

ID# 011000144

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to McDonald Lake Study Area - Walmart/ Lowes Storm Sewer. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 2 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 46 # of structures 13 Critical facilities 0

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

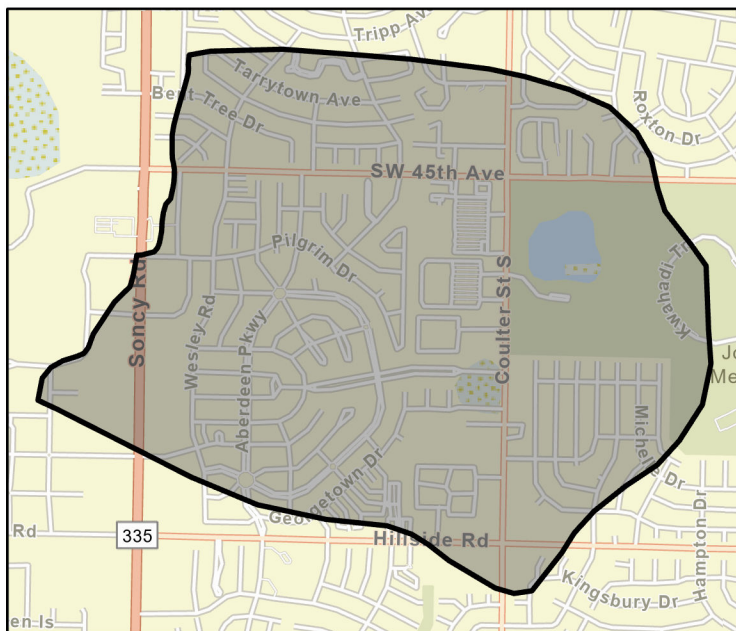
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 240,750 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Outfall (City of Amarillo)

ID# 011000145

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Project improvements include 2 inlet boxes and parallel relief line that will outfall at the current cascaded outfall. Project identified from 2019 Amarillo DMP.

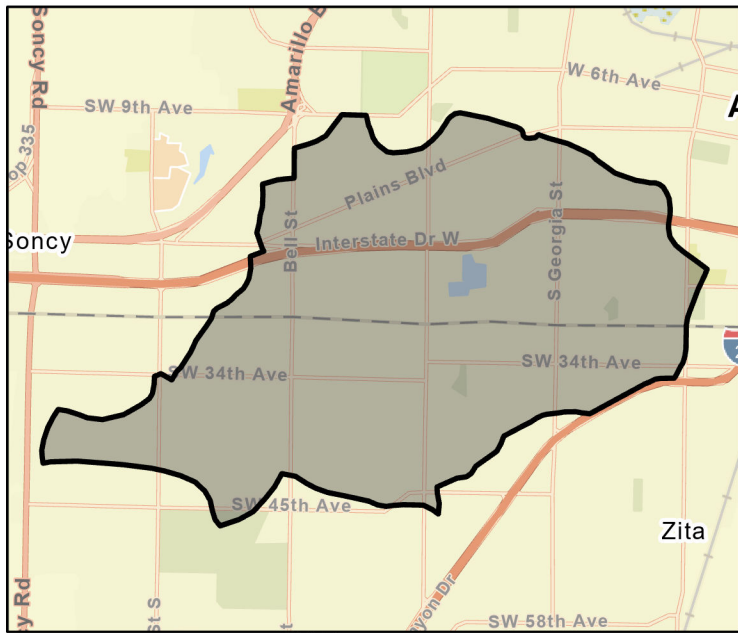
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 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) 19
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 206,250 Federal funding availability Yes
 Funding source Randall, Amarillo



Flood Management Evaluation (FME)



Title **Playa No. 7 Coulter/Loop 335 Storm Sewer (City of Amarillo)**

ID# **011000146**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Playa No. 7 Coulter/Loop 335 Storm Sewer. System takes flow from Playa watersheds 11 and 14 and outflows to Playa 7. Project identified from 2019 Amarillo DMP.**

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

County **Randall** Watershed HUC# (if known) **111201030101**

Drainage area (Square miles, est.) **5** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **16** # of structures **6** Critical facilities **0**

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

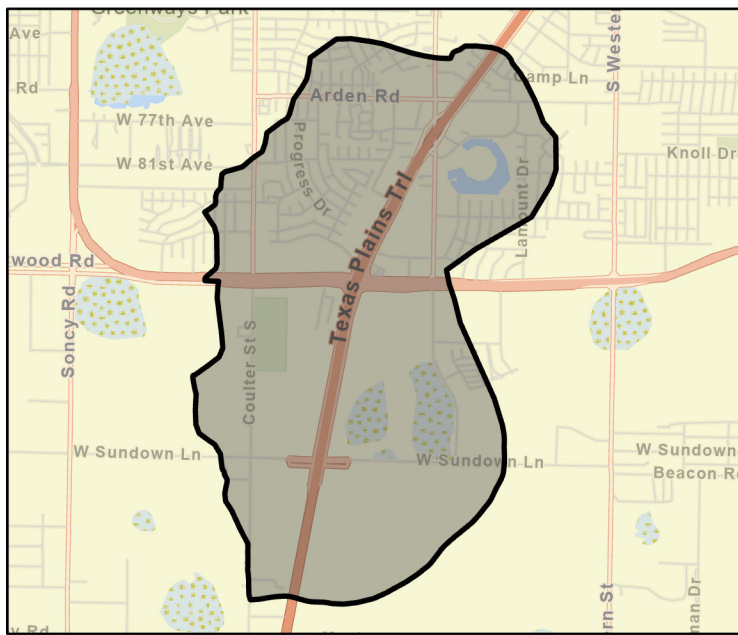
Farm/Ranch land impacted (acres) **57** Roadway(s) impacted (length) **4**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **473,000** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **McCarty Lake Project Planning - Downstream I-27 (City of Amarillo)**

ID# **011000147**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements consist of constructing a relief interceptor sized to take storm flows to McCarty Lake. Project identified from 2019 Amarillo DMP.**

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

County **Randall** Watershed HUC# (if known) **111201030101**

Drainage area (Square miles, est.) **6** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **680** # of structures **200** Critical facilities **0**

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

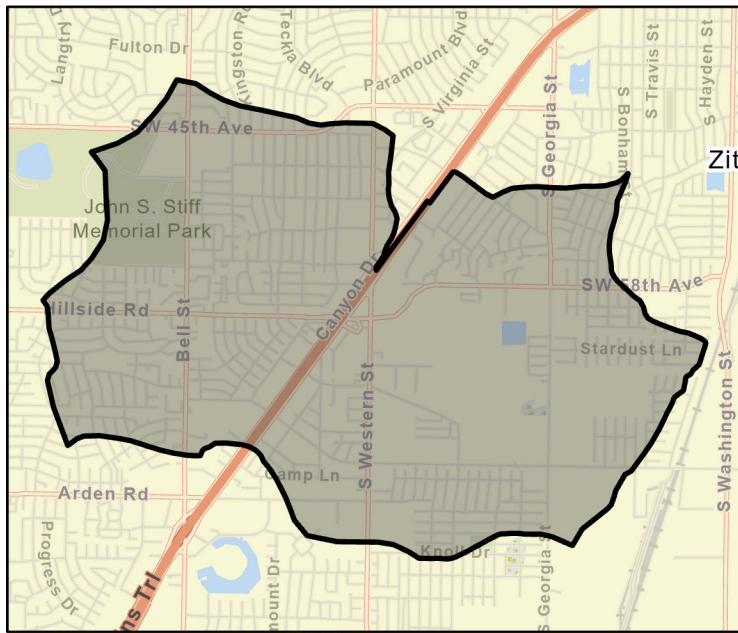
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$383,000** Amount of Available Funding **2,011,006** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (1B) (City of Amarillo)**

ID# **011000148**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include adding storm drain, adding parallel system, and then connecting to the existing crossing. Project identified from 2019 Amarillo DMP.**

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

County **Randall** Watershed HUC# (if known) **110901050308, 111201030101**

Drainage area (Square miles, est.) **6** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **680** # of structures **200** Critical facilities **0**

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

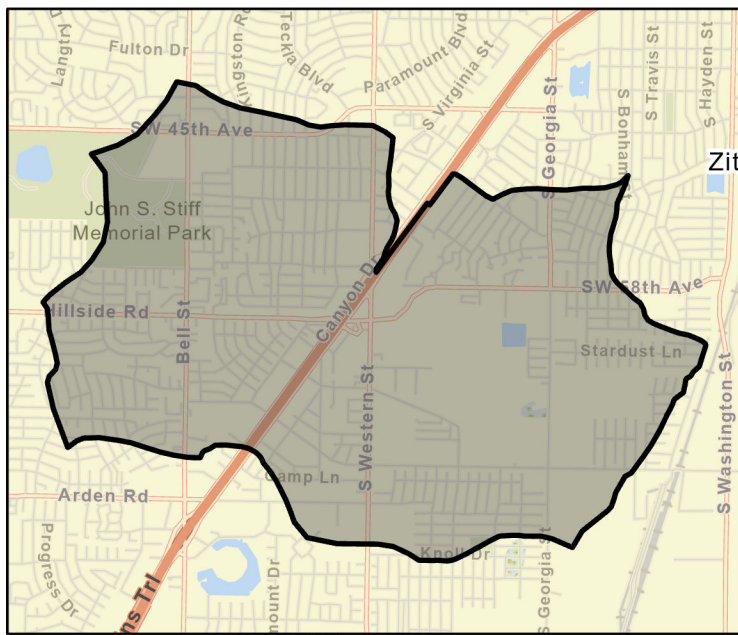
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **1,019,500** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Willow Grove Project Planning - Rushmore/Hayden Storm Sewer (City of Amarillo)

ID# 011000149

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Replace four pipes with 60" or 66" pipes. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030102

Drainage area (Square miles, est.) 2 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 730 # of structures 238 Critical facilities 0

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

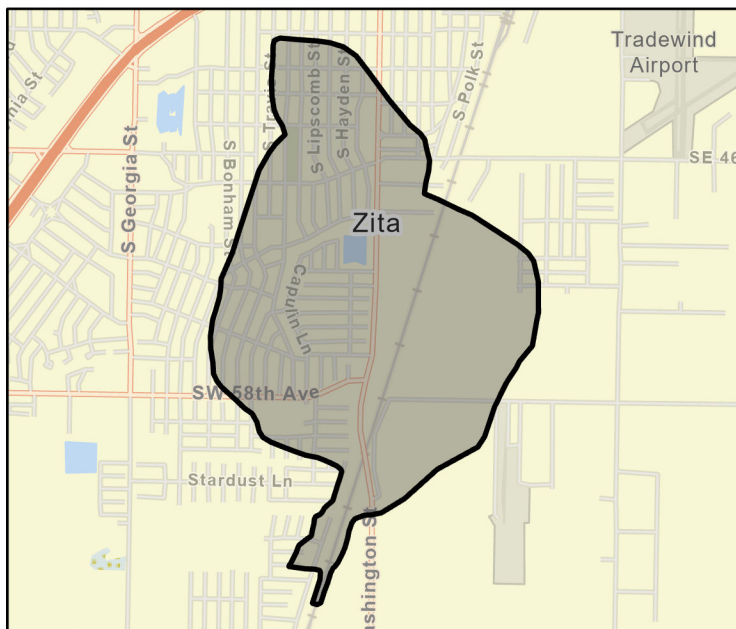
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 244,250 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title McDonald Lake Project Planning - Coulter Street Storm Sewer (City of Amarillo)

ID# 011000152

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding 36" RCP parallel to several pipes, adding 6 new RCP, and replacing the 72" RCP with a 84" RCP. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 2 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 46 # of structures 13 Critical facilities 0

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

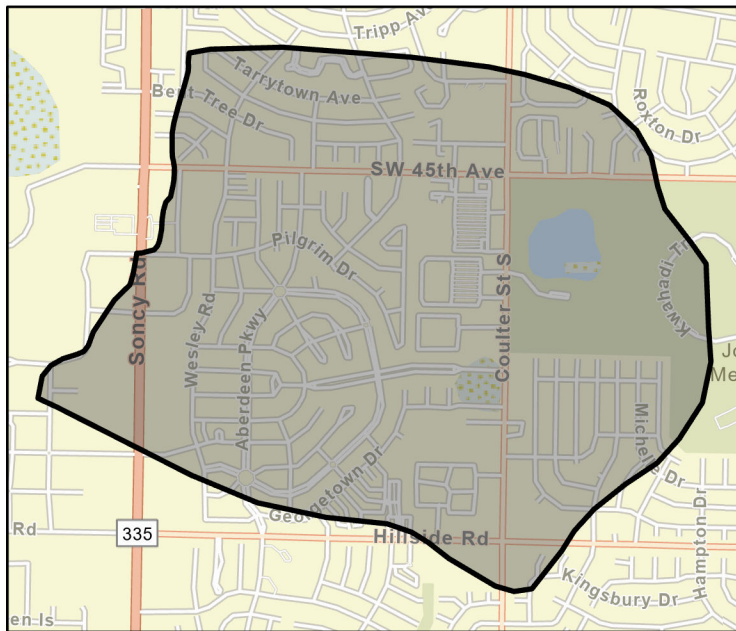
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 383,250 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Project Planning - Fleetwood Drive Storm Sewer (City of Amarillo)

ID# 011000154

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Replace pipes with ones with larger diameters, add three new pipes, and connect two pipes in three locations. Project identified from 2019 Amarillo DMP.

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

County Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 Critical facilities 1

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

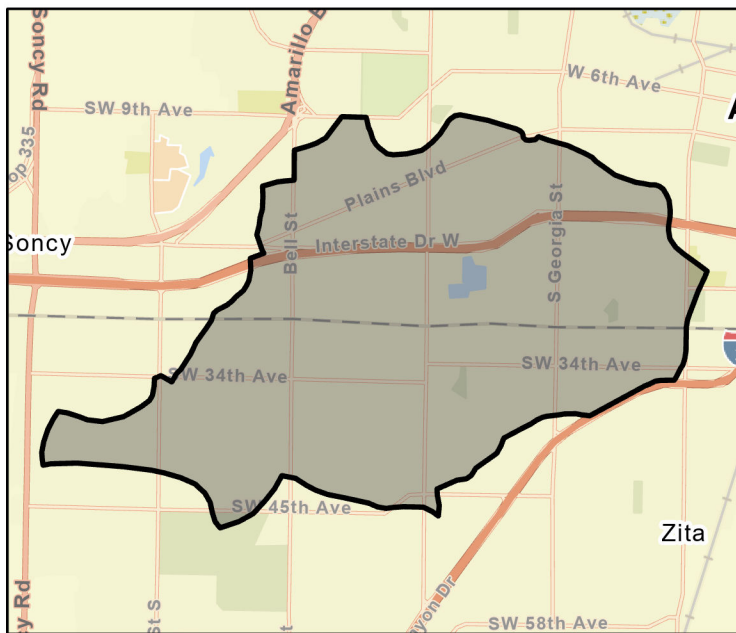
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 19

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 589,250 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Project Planning - Olsen/Emil Storm Sewer (City of Amarillo)

ID# 011000156

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include new inlets and laterals, and upsizing existing laterals and trunk line through the outfall. Project identified from 2019 Amarillo DMP.

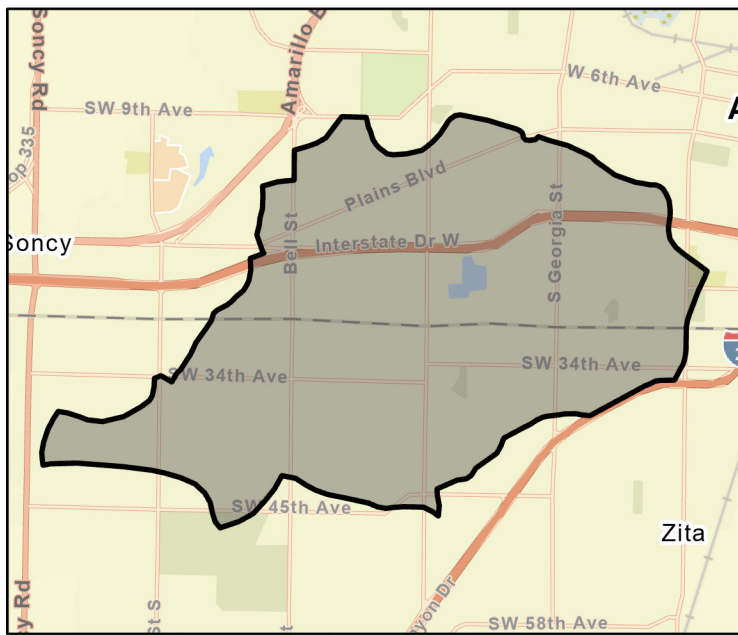
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 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) 19
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 566,500 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Project Planning - SW 26th Avenue Storm Sewer (City of Amarillo)

ID# 011000157

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning

Study description Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include adding multiple inlets and laterals and connecting them into an existing parallel line. Project identified from 2019 Amarillo DMP.

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

County Potter, Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 Critical facilities 1

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

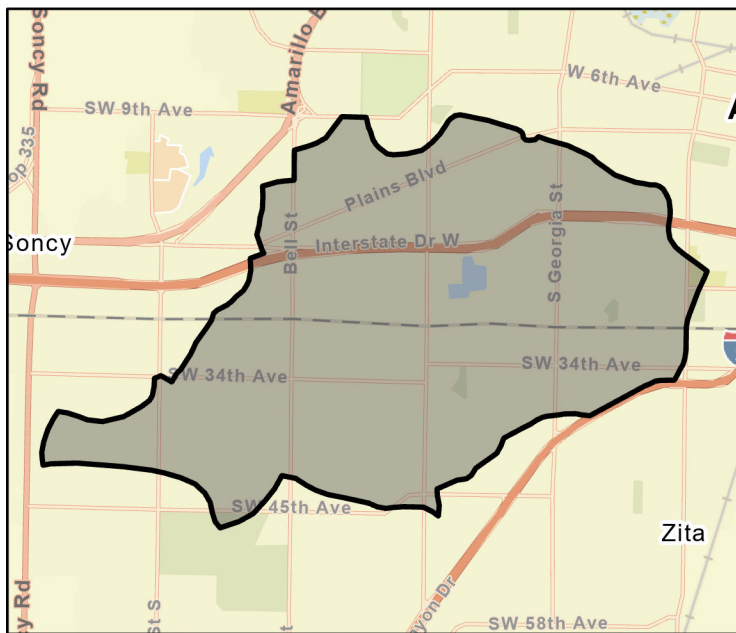
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 19

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 418,750 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2A) (City of Amarillo)**

ID# **011000159**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include the interceptor and inlets and parallel storm drain to direct flow into the existing storm drain system. Project identified from 2019 Amarillo DMP.**

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

County **Randall** Watershed HUC# (if known) **110901050308, 111201030101**

Drainage area (Square miles, est.) **6** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **680** # of structures **200** Critical facilities **0**

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

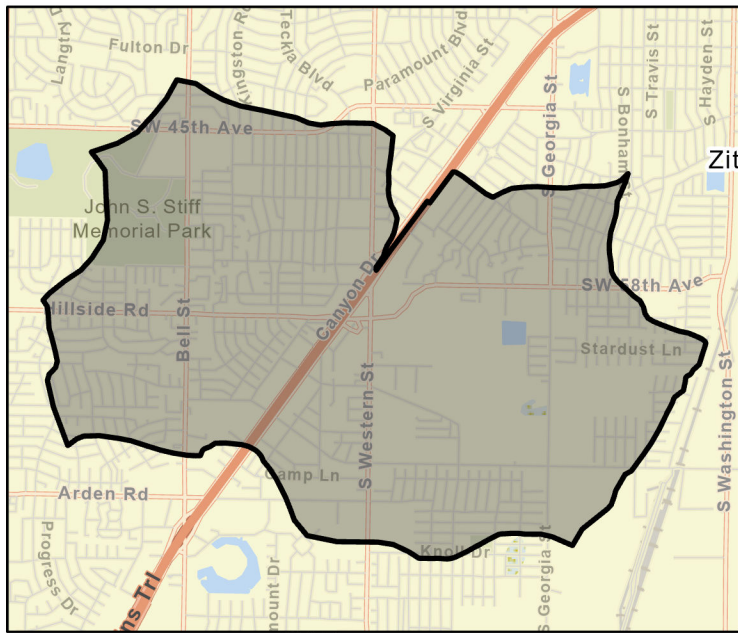
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **879,750** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2B) (City of Amarillo)**

ID# **011000160**

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

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

Study Details

Study type **Project Planning**

Study description **Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvements include inlets and capacity, including extending the storm drain to tie into the Catalpa storm drain and outfall. Project identified from 2019 Amarillo DMP.**

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

County **Randall** Watershed HUC# (if known) **110901050308, 111201030101**

Drainage area (Square miles, est.) **6** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **680** # of structures **200** Critical facilities **0**

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

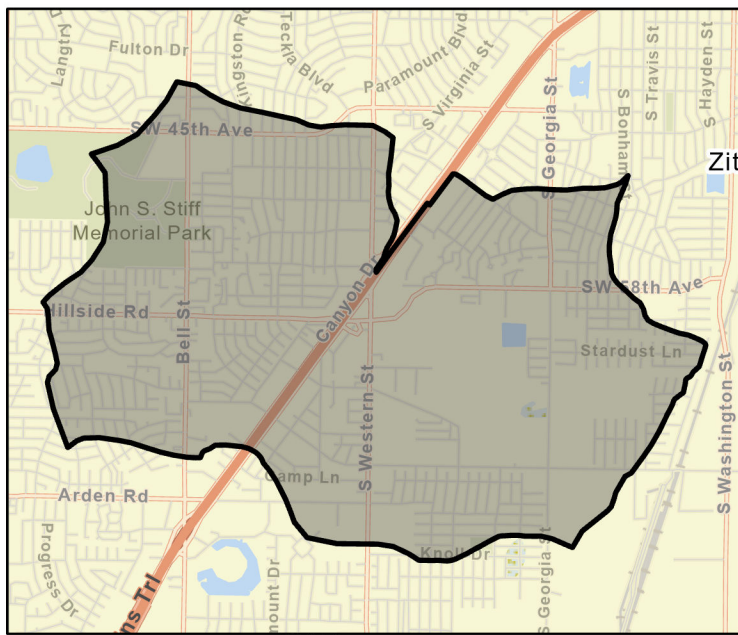
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **421,750** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Playa 4 Watershed Study (City of Amarillo)**

ID# **011000161**

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

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP**

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

County **Randall** Watershed HUC# (if known) **111201020303, 111201030101**

Drainage area (Square miles, est.) **3** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **280** # of structures **87** Critical facilities **0**

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

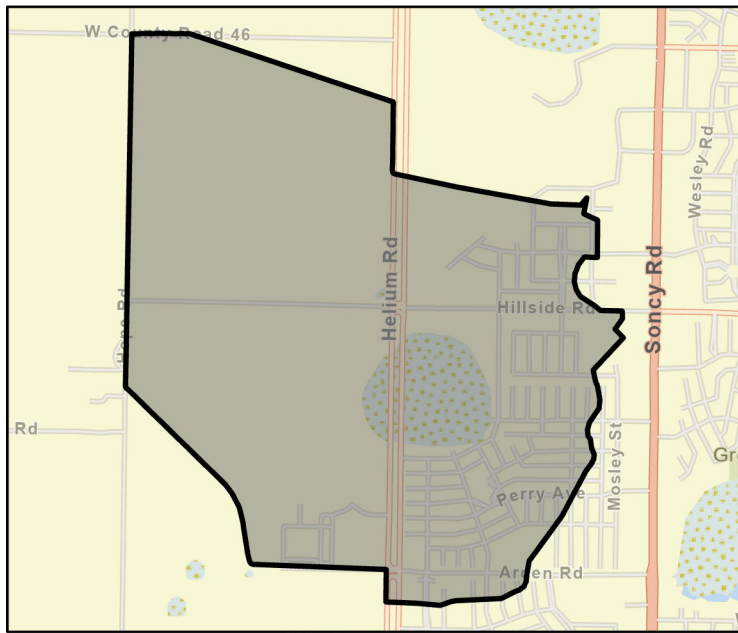
Farm/Ranch land impacted (acres) **52** Roadway(s) impacted (length) **2**

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

Estimated Cost and Funding Availability

Total Cost **\$431,000** Amount of Available Funding **107,693** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title McDonald Lake Watershed Study (City of Amarillo)

ID# 011000162

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP

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

County Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 46 # of structures 13 Critical facilities 0

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

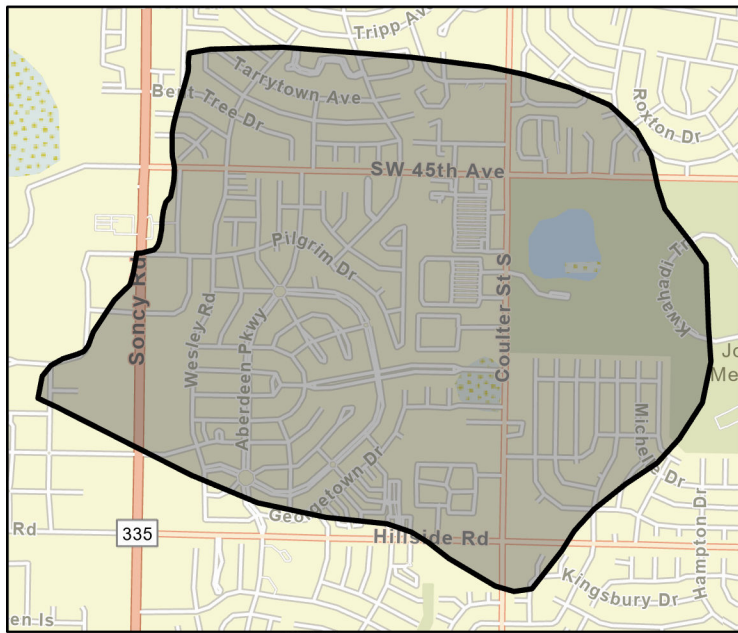
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$282,000 Amount of Available Funding 70,612 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Playa 8 Watershed Study (City of Amarillo)

ID# 011000163

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP

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

County Randall Watershed HUC# (if known) 111201020303, 111201030101

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 20 # of structures 7 Critical facilities 0

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

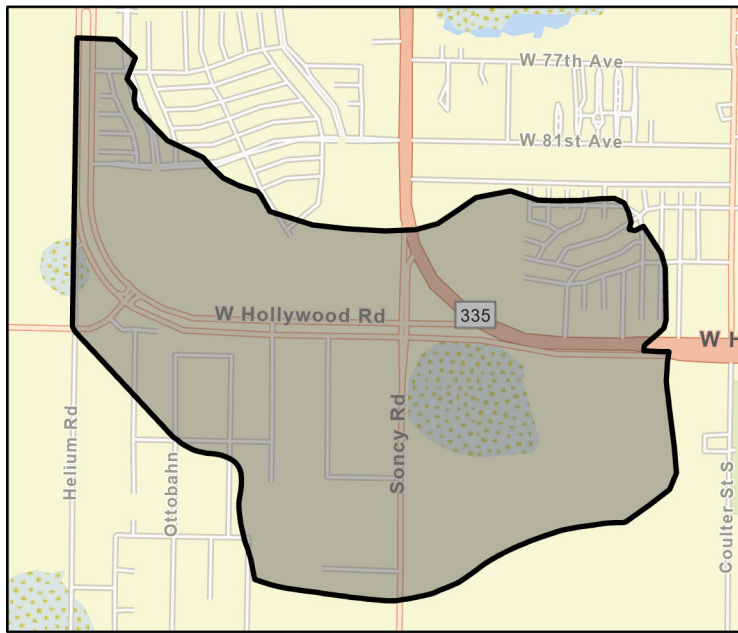
Farm/Ranch land impacted (acres) 54 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$284,000 Amount of Available Funding 71,125 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lawrence Lake Watershed Study (City of Amarillo)

ID# 011000164

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP

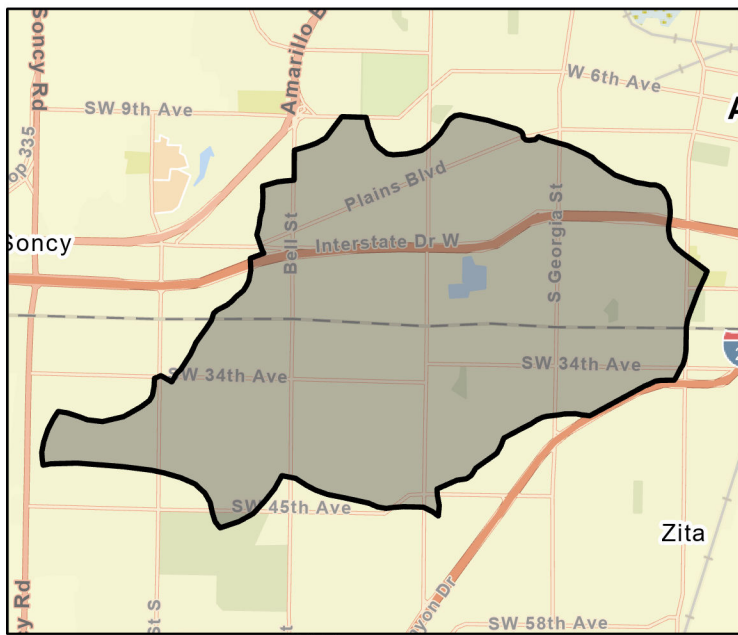
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 110901050308, 110901050402, 111201030101, 111201030106
 Drainage area (Square miles, est.) 9 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 626 # of structures 133 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) 19
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$1,000,000 Amount of Available Funding 250,000 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Bennett Lake Watershed Study (City of Amarillo)**

ID# **011000165**

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

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

Study Details

Study type **Watershed Planning**
 Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP**

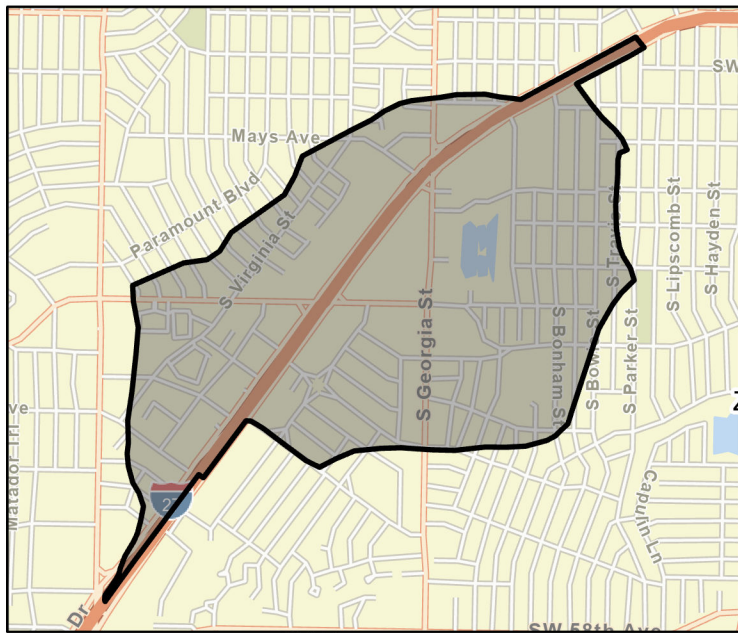
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201030101, 111201030102**
 Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **438** # of structures **49** 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) **3**
 Number of low water crossings **0** Historical road closures **0**

Estimated Cost and Funding Availability

Total Cost **\$195,000** Amount of Available Funding **48,861** Federal funding availability **Yes**
 Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Playa 11 Watershed Study (City of Amarillo)**

ID# **011000166**

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

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP**

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

County **Randall** Watershed HUC# (if known) **111201030101**

Drainage area (Square miles, est.) **3** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **4** # of structures **1** Critical facilities **0**

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

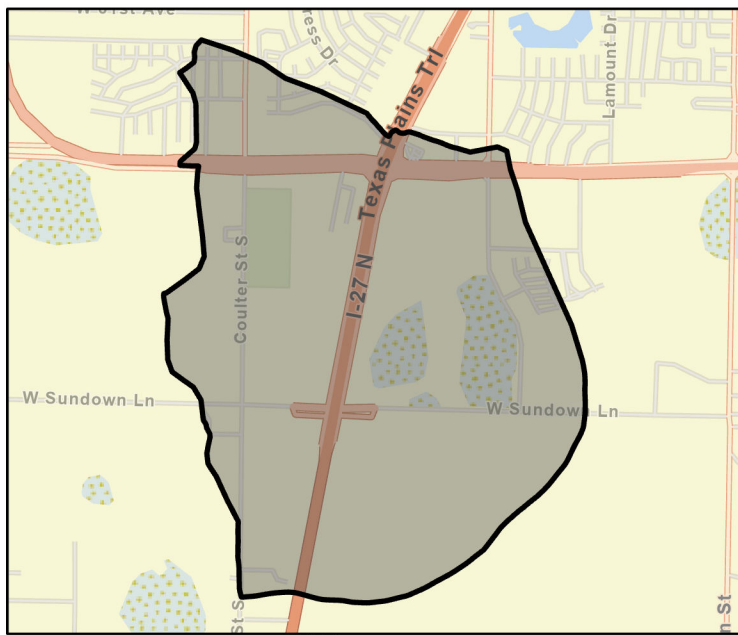
Farm/Ranch land impacted (acres) **57** Roadway(s) impacted (length) **2**

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

Estimated Cost and Funding Availability

Total Cost **\$424,000** Amount of Available Funding **105,995** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Diamond Horseshoe Lake Watershed Study (City of Amarillo)

ID# 011000167

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP

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

County Randall Watershed HUC# (if known) 111201030101

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 12 # of structures 5 Critical facilities 0

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

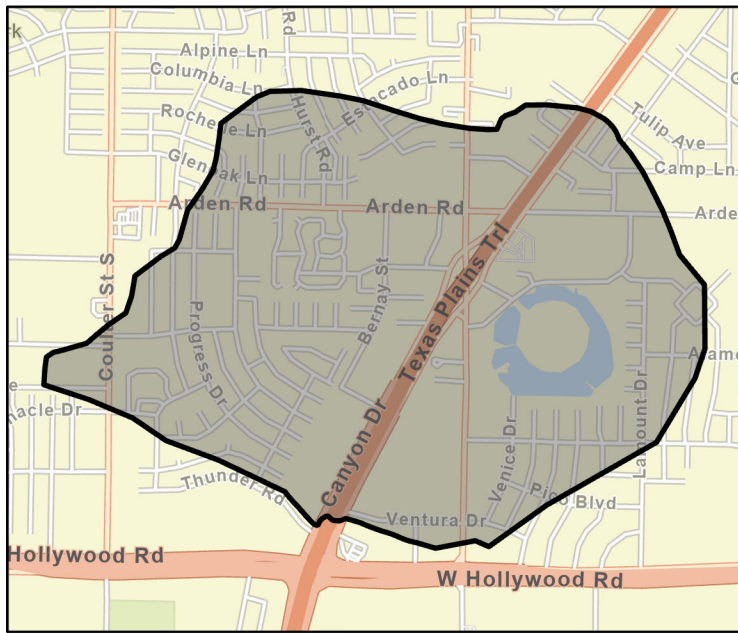
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$247,000 Amount of Available Funding 61,687 Federal funding availability Yes

Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **McCarty Lake Watershed Study (City of Amarillo)**

ID# **011000168**

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

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP**

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

County **Randall** Watershed HUC# (if known) **111201030101, 111201030102**

Drainage area (Square miles, est.) **6** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **680** # of structures **200** Critical facilities **0**

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

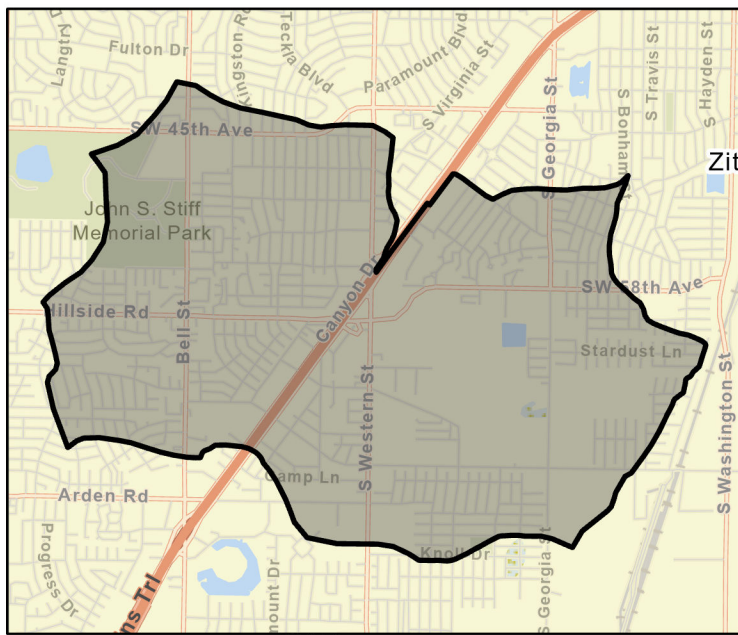
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$923,000** Amount of Available Funding **230,634** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Willow Grove Lake Watershed Study (City of Amarillo)

ID# 011000169

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP

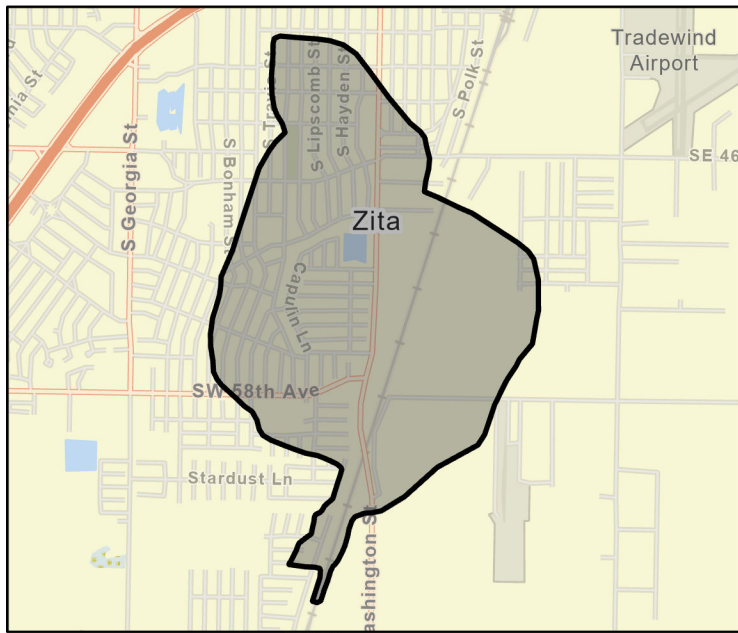
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall Watershed HUC# (if known) 111201030101, 111201030102
 Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 730 # of structures 238 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) 4
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$246,000 Amount of Available Funding 61,526 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Pump Station Rehab (City of Amarillo)

ID# 011000172

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Preparedness

Study description Evaluate six current pump stations to identify improvements; selected based on stakeholder feedback

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

County Potter, Randall Watershed HUC# (if known) 110901050308, 110901050309, 110901050402, 111201030101,

Drainage area (Square miles, est.) 102 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 8,883 # of structures 1,703 Critical facilities 7

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

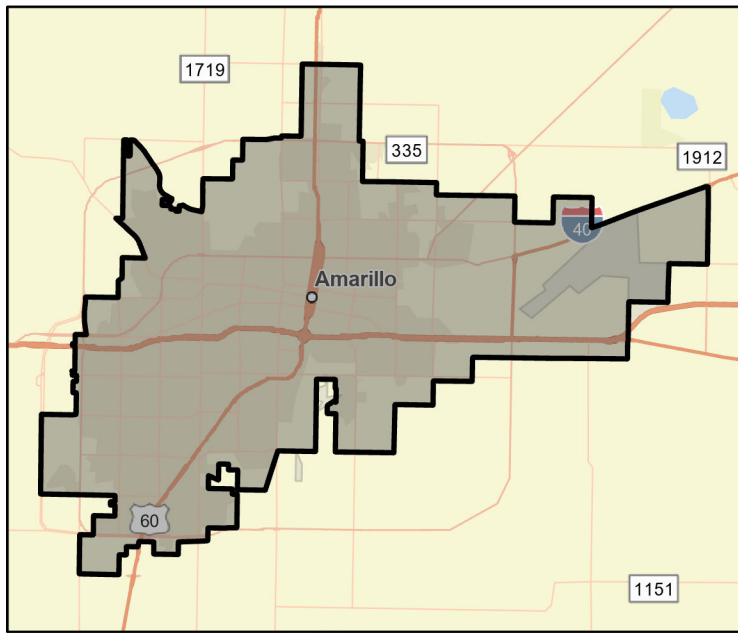
Farm/Ranch land impacted (acres) 213 Roadway(s) impacted (length) 103

Number of low water crossings 6 Historical road closures 6

Estimated Cost and Funding Availability

Total Cost \$125,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Convert Playa ASAPP Models into ICPR (City of Amarillo)**

ID# **011000173**

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

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

Study Details

Study type **Watershed Planning**

Study description **Create Streamline Technologies ICPR Version 4 model of Amarillo Playas in order to more easily update and use models**

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

County **Potter, Randall** Watershed HUC# (if known) **110901050308, 110901050309, 110901050402, 111201030101,**

Drainage area (Square miles, est.) **102** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **8,883** # of structures **1,703** Critical facilities **7**

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

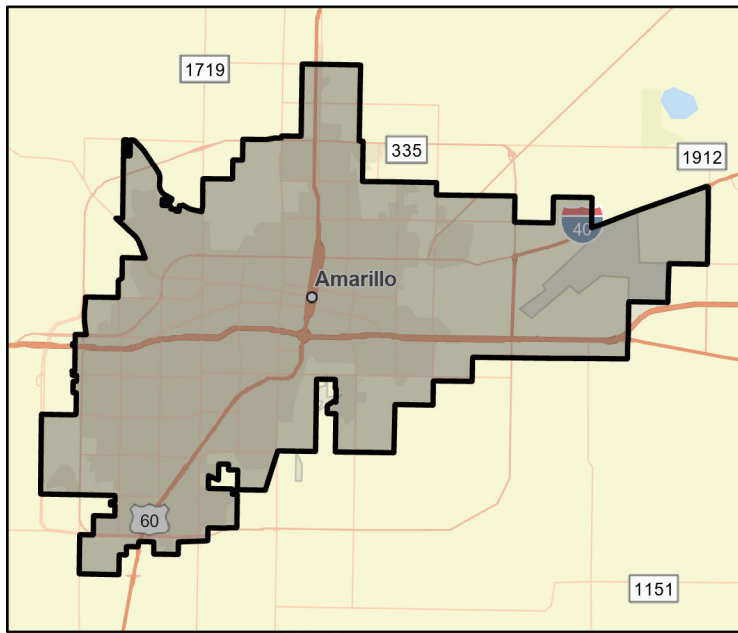
Farm/Ranch land impacted (acres) **213** Roadway(s) impacted (length) **103**

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

Estimated Cost and Funding Availability

Total Cost **\$500,000** Amount of Available Funding **125,000** Federal funding availability **Yes**

Funding source **Randall, Amarillo**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Bivins Lake Dam Evaluation (City of Amarillo)

ID# 011000174

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate Bivins Lake and dam to determine potential modifications to enhance flood control function; selected based on USACE report and stakeholder feedback

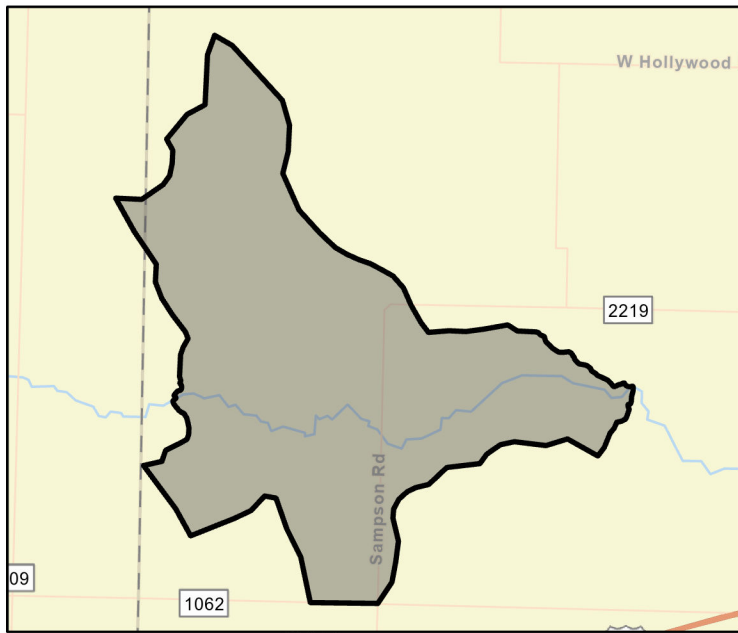
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall, Deaf Smith Watershed HUC# (if known) 111201020302
 Drainage area (Square miles, est.) 33 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 3 # of structures 2 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 1,041 Roadway(s) impacted (length) 2
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 62,500 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Tributary to West Amarillo Creek Watershed Study (City of Amarillo)

ID# 011000176

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP

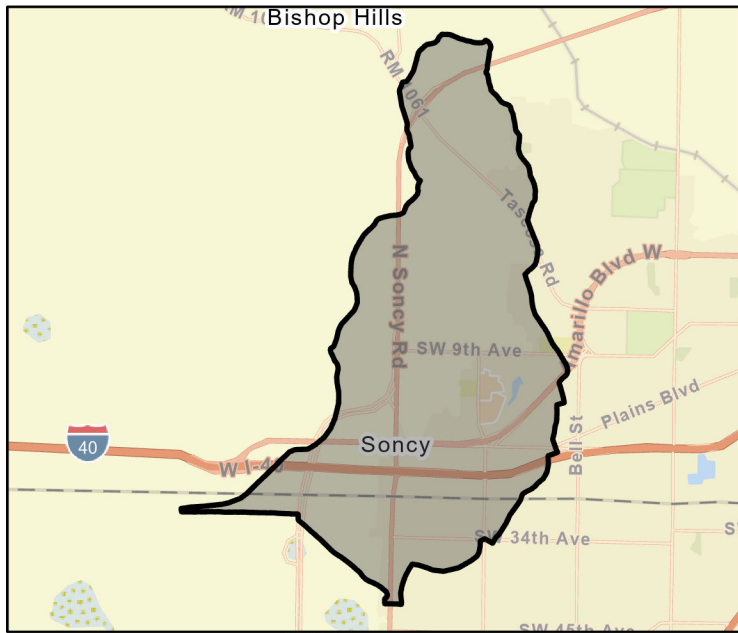
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 110901050308, 111201030101
 Drainage area (Square miles, est.) 11 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 1,864 # of structures 48 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5
 Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$1,000,000 Amount of Available Funding 250,000 Federal funding availability Yes
 Funding source Randall, Amarillo



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Spring Draw Watershed Study

ID# 011000175

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP. Joint effort between Amarillo, Canyon, and Randall County

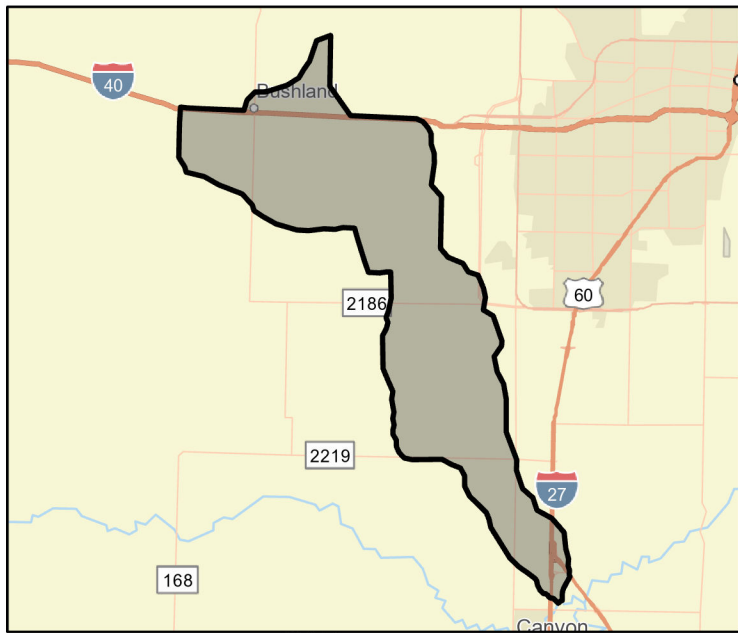
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 111201020303
 Drainage area (Square miles, est.) 44 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 115 # of structures 52 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 858 Roadway(s) impacted (length) 5
 Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$499,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Borger City Drainage Master Plan**

ID# **011000001**

Sponsor (name of entity, not person) **Borger (Municipality)**

RFPG recommend? **No** Reason for Recommendation **City is already developing a master plan**

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Hutchinson** Watershed HUC# (if known) **110901060106, 110901060107, 110901060109, 110901060204**

Drainage area (Square miles, est.) **9** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **416** # of structures **147** Critical facilities **2**

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

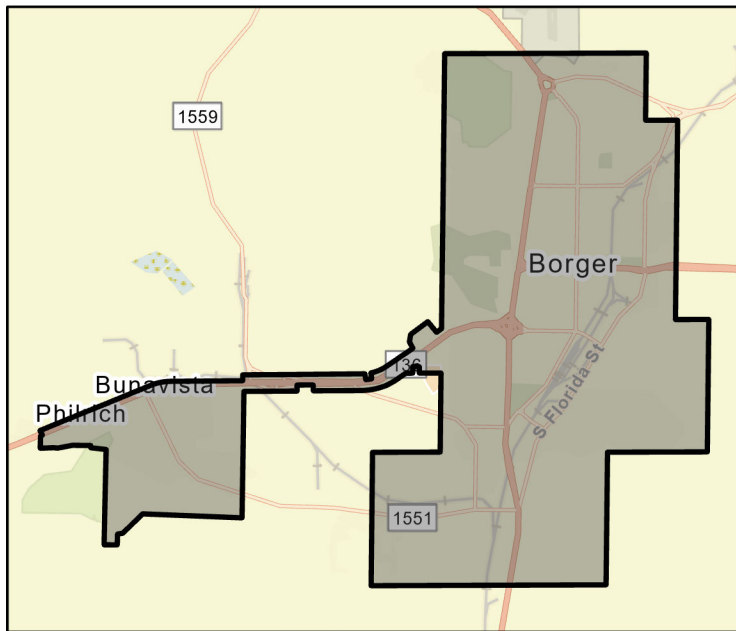
Farm/Ranch land impacted (acres) **13** Roadway(s) impacted (length) **5**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hazelwood SD/Stephens SD/Sterling St Culvert

ID# 011000193

Sponsor (name of entity, not person) Borger (Municipality)

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

Study Details

Study type Project Planning

Study description Perform post-project modeling to determine if project meets no negative impact requirements and complete up to 30% design

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

County Hutchinson Watershed HUC# (if known) 110901060107, 110901060204

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 137 # of structures 75 Critical facilities 0

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

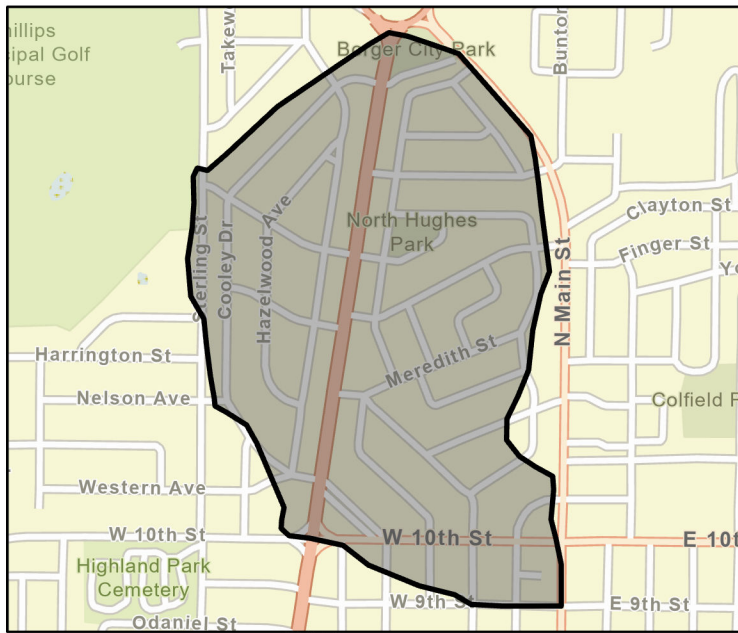
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

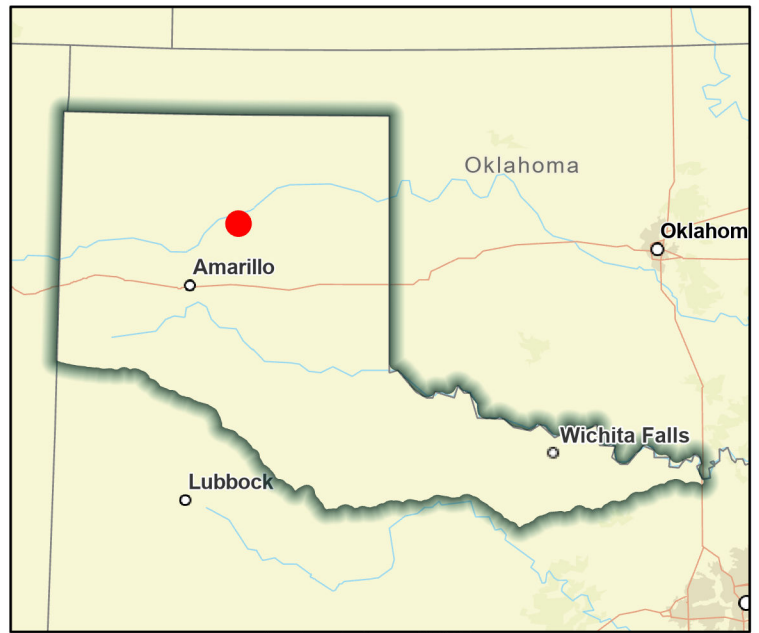
Estimated Cost and Funding Availability

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

Funding source Borger



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Haggard SD/Finger SD/11th St Culvert

ID# 011000194

Sponsor (name of entity, not person) Borger (Municipality)

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

Study Details

Study type Project Planning

Study description Perform post-project modeling to determine if project meets no negative impact requirements and complete up to 30% design

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

County Hutchinson Watershed HUC# (if known) 110901060109, 110901060107, 110901060204

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 47 # of structures 29 Critical facilities 1

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

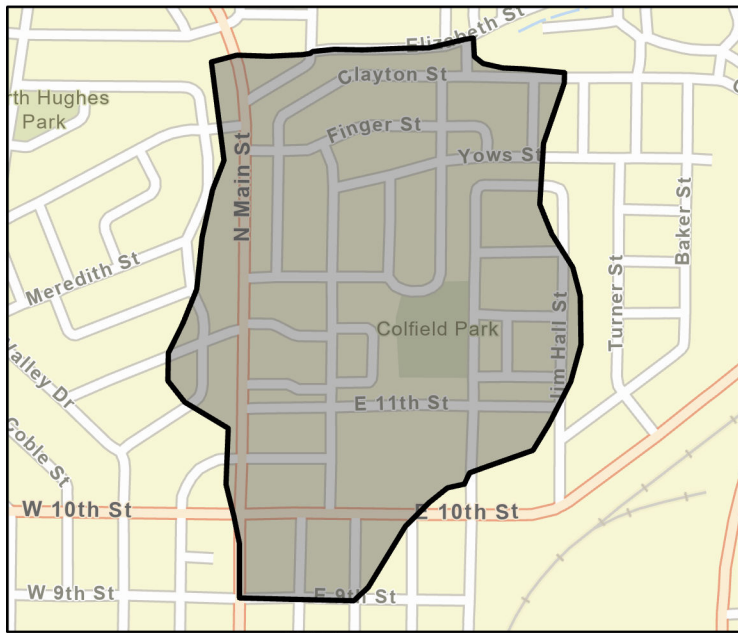
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

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

Funding source Borger



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Turner SD

ID# 011000195

Sponsor (name of entity, not person) Borger (Municipality)

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

Study Details

Study type Project Planning

Study description Perform post-project modeling to determine if project meets no negative impact requirements and complete up to 30% design

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

County Hutchinson Watershed HUC# (if known) 110901060109

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 19 # of structures 16 Critical facilities 0

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

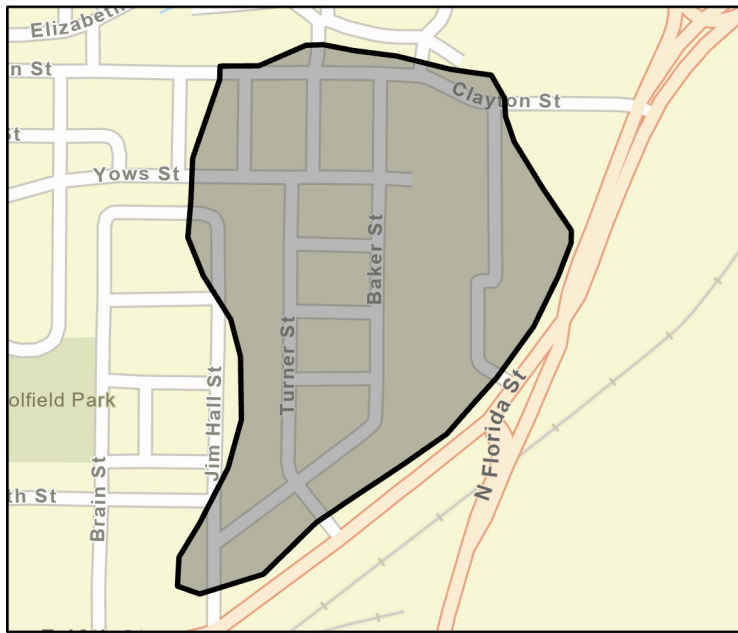
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

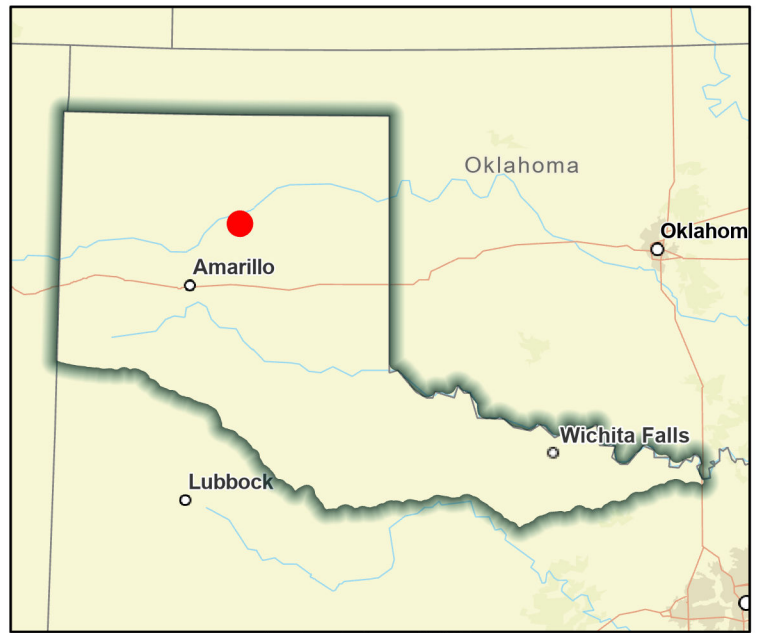
Estimated Cost and Funding Availability

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

Funding source Borger



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Garrett SD/Peiffer SD/Teague SD**

ID# **011000196**

Sponsor (name of entity, not person) **Borger (Municipality)**

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

Study Details

Study type **Project Planning**

Study description **Perform post-project modeling to determine if project meets no negative impact requirements and complete up to 30% design**

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

County **Hutchinson** Watershed HUC# (if known) **110901060204**

Drainage area (Square miles, est.) **0** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **46** # of structures **23** Critical facilities **0**

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

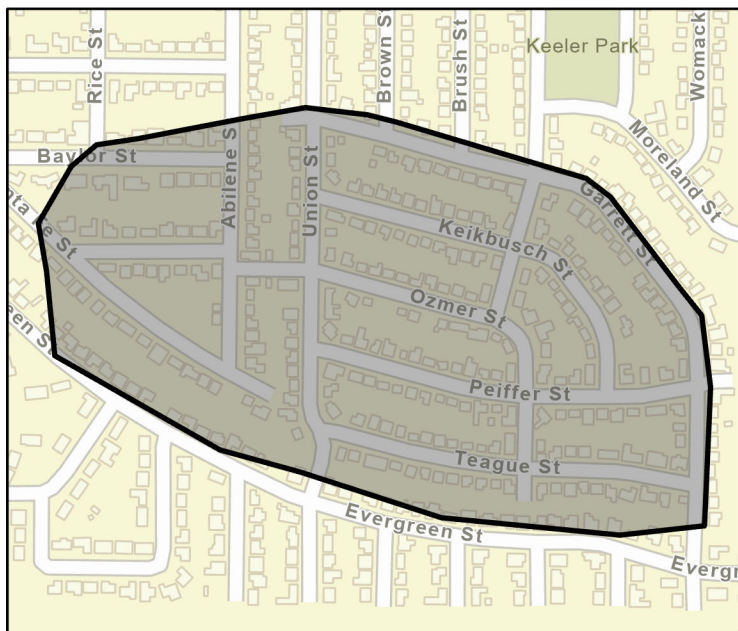
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Borger**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Monroe Basin**

ID# **011000197**

Sponsor (name of entity, not person) **Borger (Municipality)**

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

Study Details

Study type **Project Planning**

Study description **Perform post-project modeling to determine if project meets no negative impact requirements and complete up to 30% design**

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

County **Hutchinson** Watershed HUC# (if known) **110901060107, 110901060204**

Drainage area (Square miles, est.) **0** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **46** # of structures **32** Critical facilities **0**

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

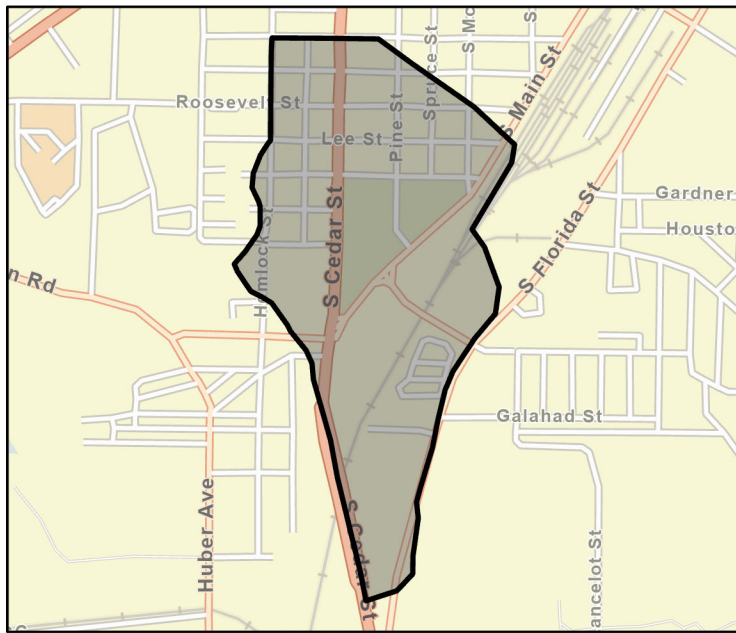
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

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

Funding source **Borger**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title 1st St - Main to Hedgecove

ID# 011000198

Sponsor (name of entity, not person) Borger (Municipality)

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

Study Details

Study type Project Planning

Study description Perform post-project modeling to determine if project meets no negative impact requirements and complete up to 30% design

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

County Hutchinson Watershed HUC# (if known) 110901060107, 110901060204

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 20 # of structures 2 Critical facilities 0

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

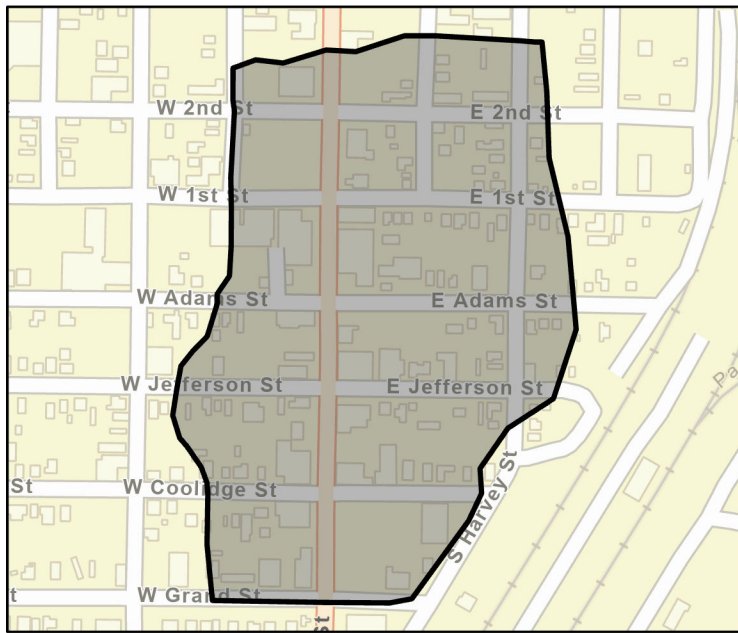
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

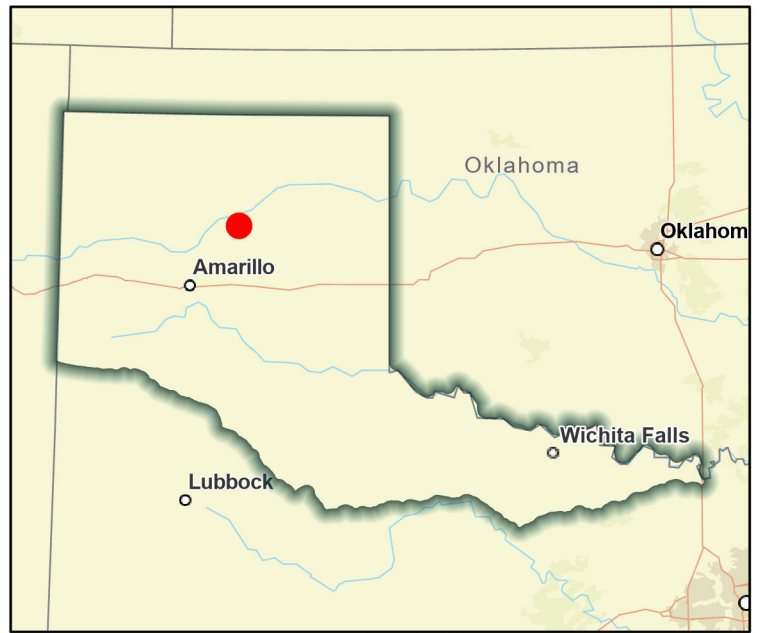
Estimated Cost and Funding Availability

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

Funding source Borger



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title 2nd St - Hedgecoke to Bryan

ID# 011000199

Sponsor (name of entity, not person) Borger (Municipality)

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

Study Details

Study type Project Planning

Study description Perform post-project modeling to determine if project meets no negative impact requirements and complete up to 30% design

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

County Hutchinson Watershed HUC# (if known) 110901060107, 110901060204

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 139 # of structures 30 Critical facilities 0

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

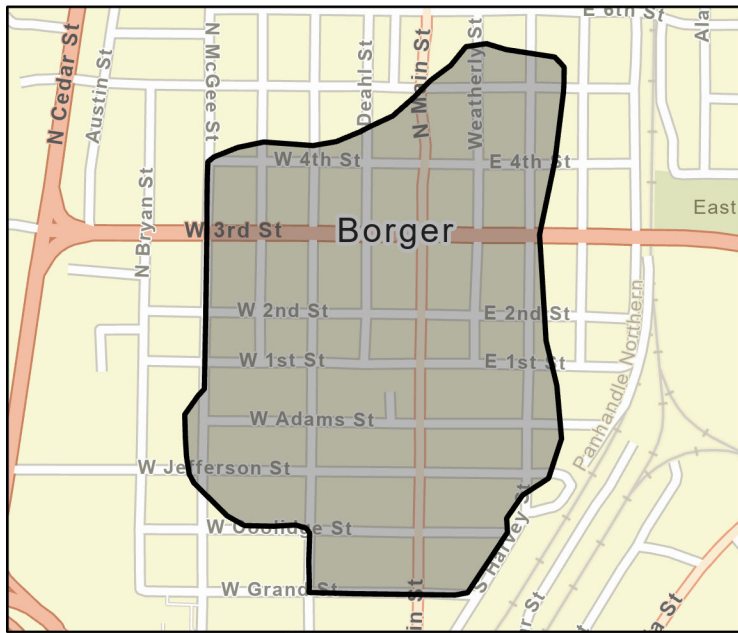
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

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

Funding source Borger



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Fritch GIS Development

ID# 011000107

Sponsor (name of entity, not person) Fritch (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Hutchinson, Moore Watershed HUC# (if known) 110901050707, 110901050708, 110901060105

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 116 # of structures 76 Critical facilities 0

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

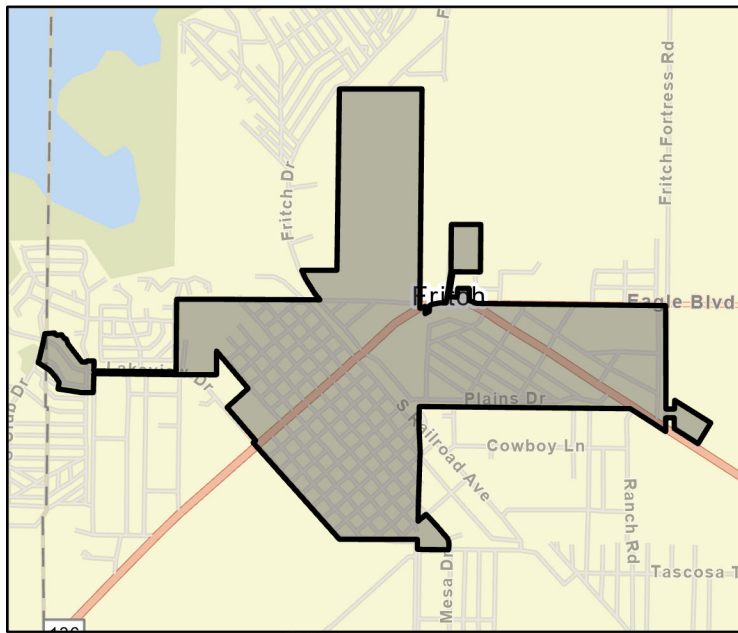
Farm/Ranch land impacted (acres) 6 Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **White Deer City Drainage Master Plan**

ID# **011000094**

Sponsor (name of entity, not person) **White Deer (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Carson** Watershed HUC# (if known) **111203010301**

Drainage area (Square miles, est.) **2** Goal(s) **01000001, 01000002, 01000005, 01000006**

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? **Yes** Other? **No**

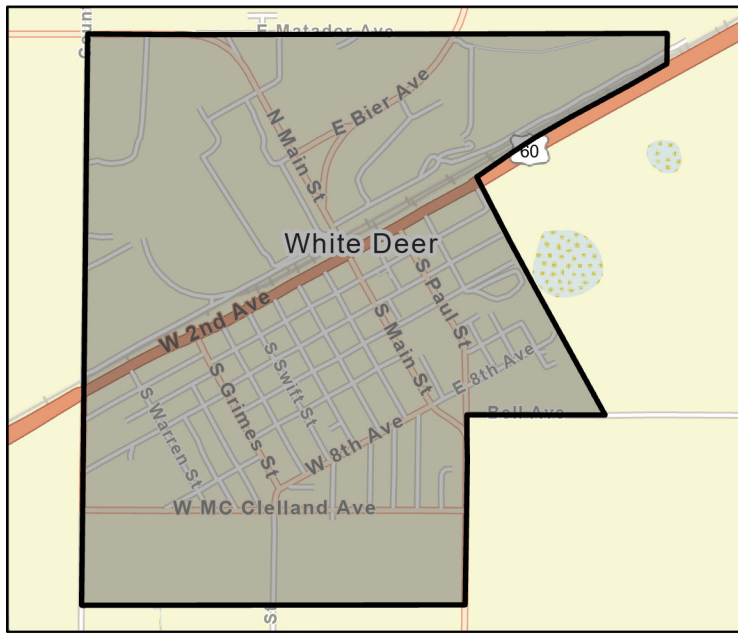
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Vega City Drainage Master Plan

ID# 011000084

Sponsor (name of entity, not person) Vega (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses

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

County Oldham Watershed HUC# (if known) 110901050101, 111201020205, 111201020206

Drainage area (Square miles, est.) 1 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 0

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

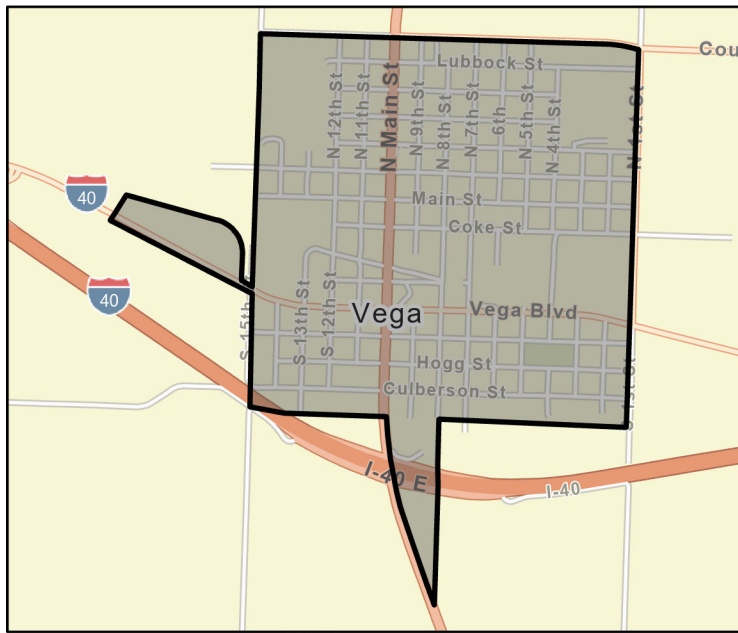
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Burkburnett City Drainage Master Plan**

ID# **011000081**

Sponsor (name of entity, not person) **Burkburnett (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Wichita** Watershed HUC# (if known) **111301020302, 111301020304, 111301020305**

Drainage area (Square miles, est.) **11** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **96** # of structures **47** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **184** Roadway(s) impacted (length) **7**

Number of low water crossings **7** Historical road closures **9**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Nocona City Drainage Master Plan**

ID# **011000083**

Sponsor (name of entity, not person) **Nocona (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses**

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

County **Montague** Watershed HUC# (if known) **111302010209, 111302010502**

Drainage area (Square miles, est.) **3** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **21** # of structures **3** Critical facilities **0**

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

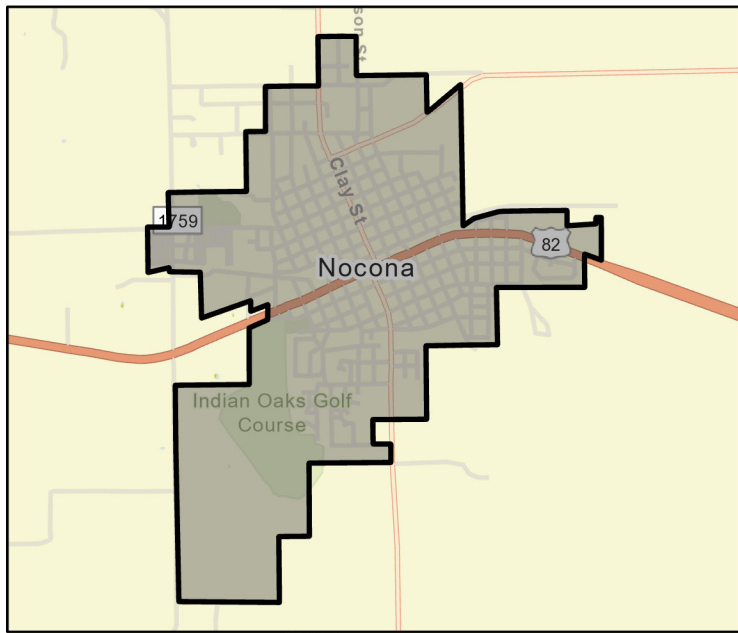
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Electra City Drainage Master Plan**

ID# **011000096**

Sponsor (name of entity, not person) **Electra (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Wichita** Watershed HUC# (if known) **111301020203, 111302060403, 111302070402**

Drainage area (Square miles, est.) **3** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **11** # of structures **7** Critical facilities **0**

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

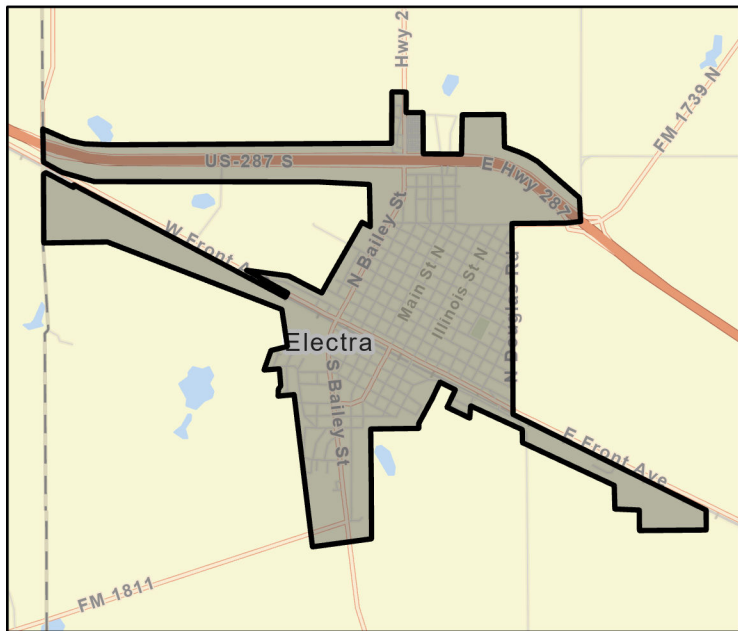
Farm/Ranch land impacted (acres) **13** Roadway(s) impacted (length) **2**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Southern Beaver Dams

ID# 011000205

Sponsor (name of entity, not person) Electra (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform a watershed-wide evaluation of 1 dam to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

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

County Wichita, Foard, Wilbarger, Baylor Watershed HUC# (if known) -

Drainage area (Square miles, est.) 678 Goal(s) 01000007

100-Year Flood Risk Summary

Population at risk 15 # of structures 17 Critical facilities 1

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

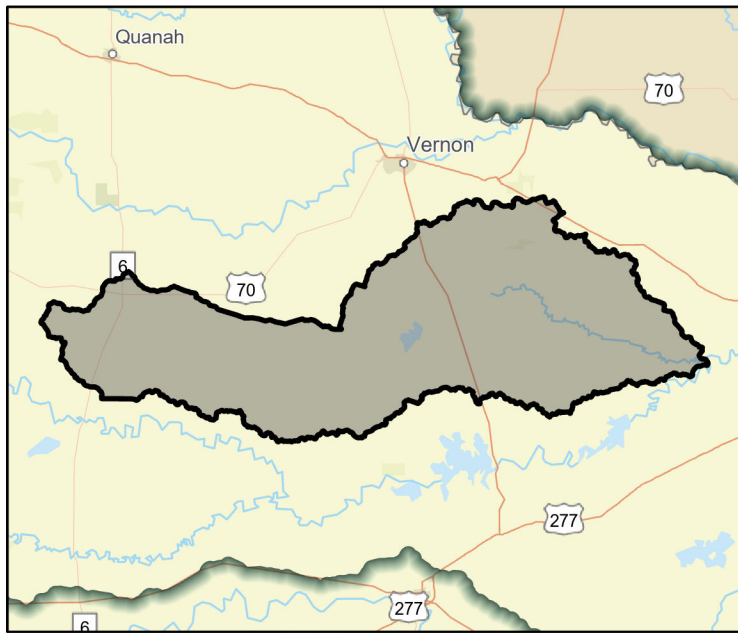
Farm/Ranch land impacted (acres) 66,561 Roadway(s) impacted (length) 25

Number of low water crossings 26 Historical road closures 26

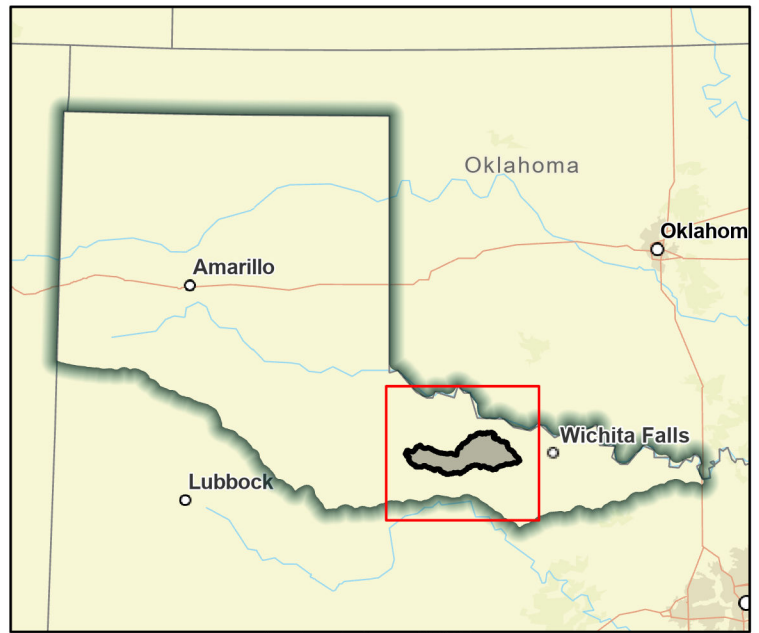
Estimated Cost and Funding Availability

Total Cost \$58,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Pleasant Valley City Drainage Master Plan

ID# 011000073

Sponsor (name of entity, not person) Pleasant Valley (Municipality)

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains

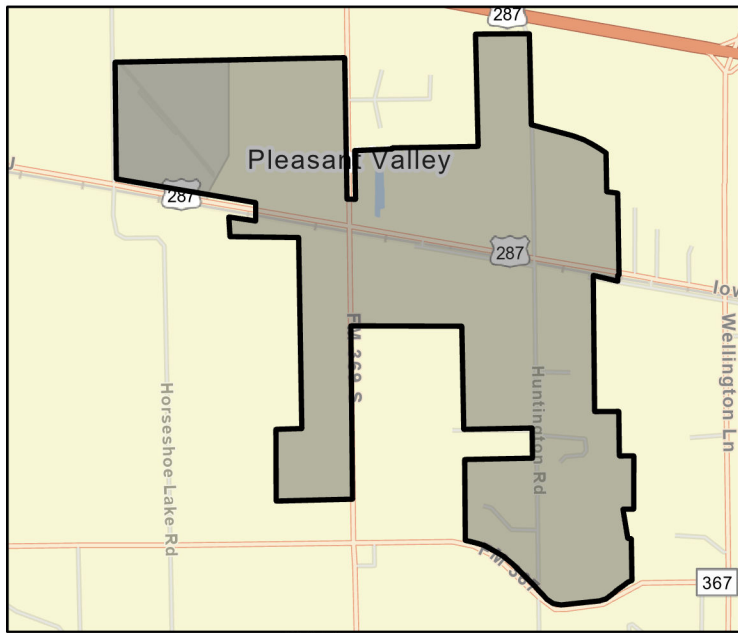
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Wichita Watershed HUC# (if known) 111302060406, 111302060407
 Drainage area (Square miles, est.) 3 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 216 # of structures 93 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 14 Roadway(s) impacted (length) 1
 Number of low water crossings 1 Historical road closures 3

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Iowa Park City Drainage Master Plan

ID# 011000089

Sponsor (name of entity, not person) Iowa Park (Municipality)

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses and the needs analysis

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

County Wichita Watershed HUC# (if known) 111302060404, 111302060406

Drainage area (Square miles, est.) 4 Goal(s) 01000001, 01000002, 01000005, 01000006

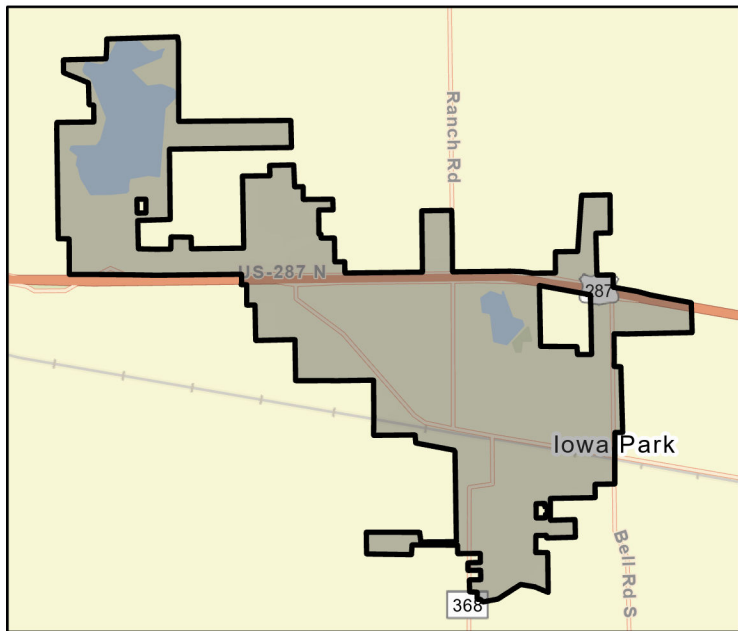
100-Year Flood Risk Summary

Population at risk 177 # of structures 121 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 42 Roadway(s) impacted (length) 5
 Number of low water crossings 2 Historical road closures 2

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding 62,500 Federal funding availability Yes

Funding source Wichita



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Skelleytown City Drainage Master Plan

ID# 011000100

Sponsor (name of entity, not person) Skelleytown (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Carson Watershed HUC# (if known) 110901060302, 110901060307

Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 0

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

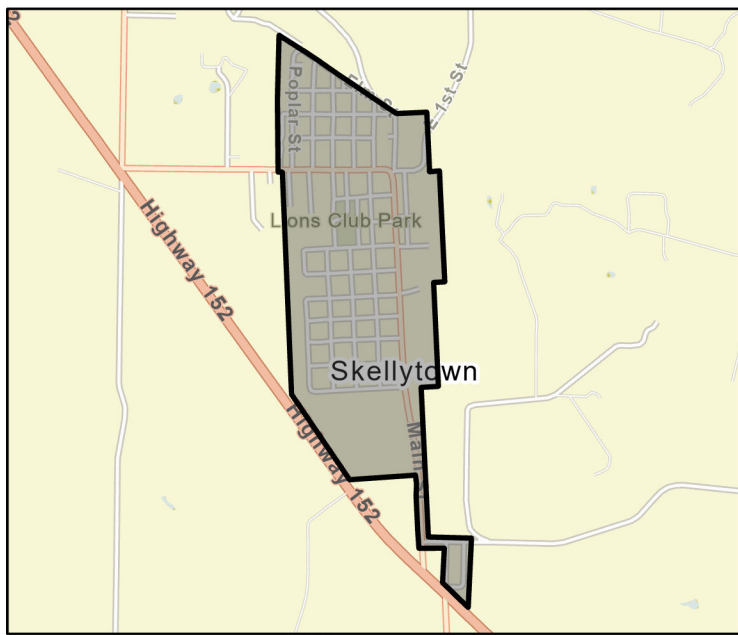
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Palisades City Drainage Master Plan

ID# 011000066

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains

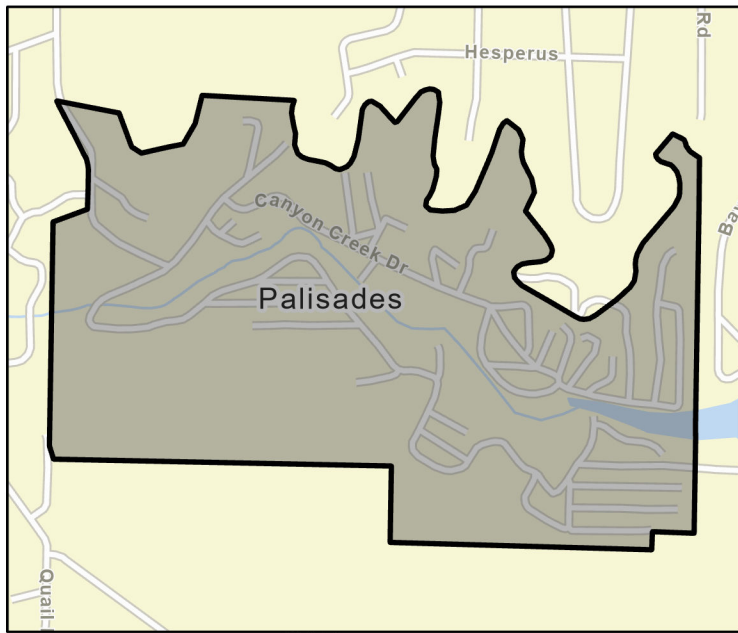
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall Watershed HUC# (if known) 111201030102, 111201030103
 Drainage area (Square miles, est.) 1 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 73 # of structures 45 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2
 Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Palisades GIS Development

ID# 011000103

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Randall Watershed HUC# (if known) 111201030102, 111201030103

Drainage area (Square miles, est.) 1 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 73 # of structures 45 Critical facilities 1

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

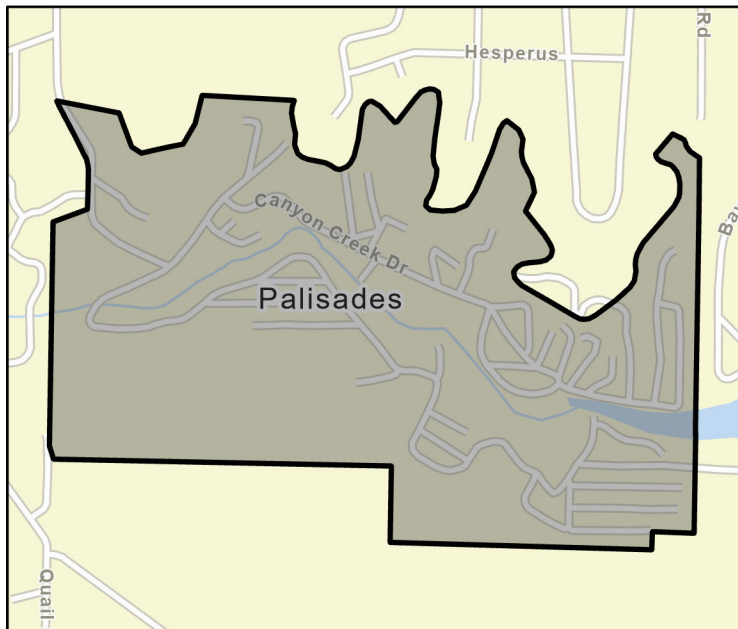
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Improve Creek Crossing (City of Palisades)

ID# 011000180

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Project Planning
 Study description Evaluate proposed improvements (upgrade bridge and increase channel flow) to current crossing to develop a cost, quantify benefits, evaluate impacts, and begin design. Project identified from survey response.

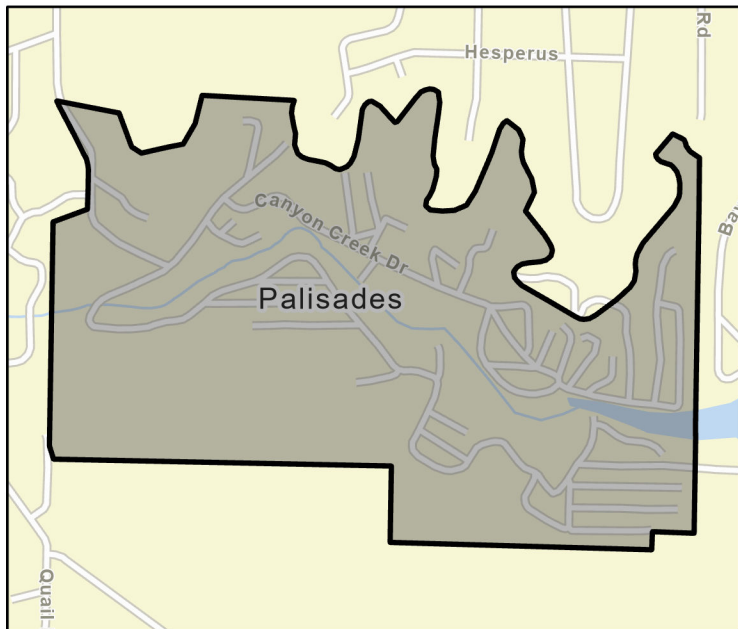
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall Watershed HUC# (if known) 111201030102, 111201030103
 Drainage area (Square miles, est.) 1 Goal(s) 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 73 # of structures 45 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2
 Number of low water crossings 1 Historical road closures 1

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Timbercreek Canyon City Drainage Master Plan**

ID# **011000095**

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

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Randall** Watershed HUC# (if known) **111201030102, 111201030103**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **36** # of structures **19** Critical facilities **1**

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

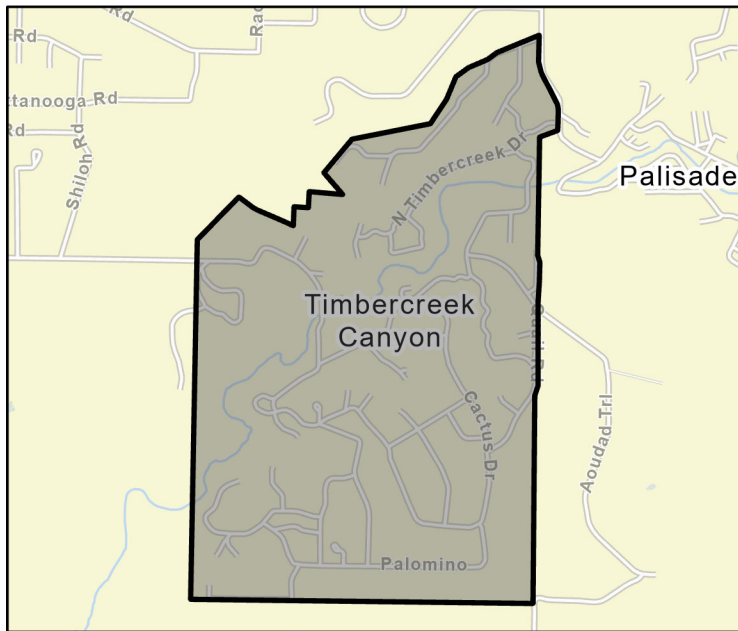
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **37,500** Federal funding availability **Yes**

Funding source **Randall, Timbercreek Canyon**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Panhandle City Drainage Master Plan

ID# 011000101

Sponsor (name of entity, not person) Panhandle (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs

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

County Carson Watershed HUC# (if known) 111203010105, 111203010107

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 53 # of structures 14 Critical facilities 3

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

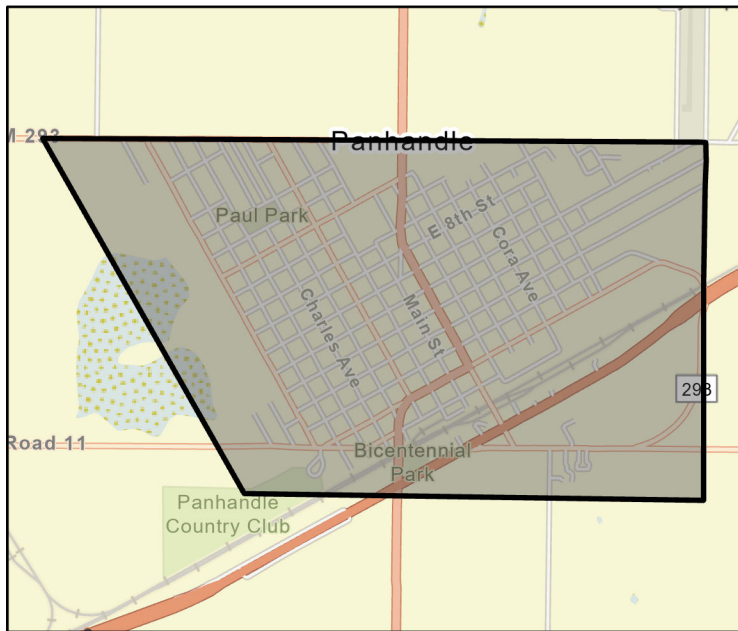
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Panhandle GIS Development

ID# 011000112

Sponsor (name of entity, not person) Panhandle (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Carson Watershed HUC# (if known) 111203010105, 111203010107

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 53 # of structures 14 Critical facilities 3

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

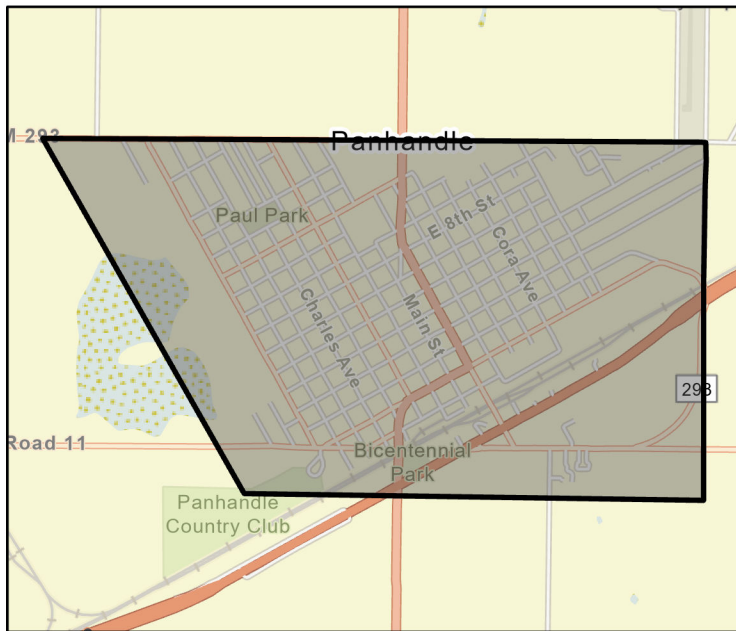
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Spearman City Drainage Master Plan

ID# 011000087

Sponsor (name of entity, not person) Spearman (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains

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

County Hansford Watershed HUC# (if known) 111001040311, 111001040312

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 2 # of structures 1 Critical facilities 0

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

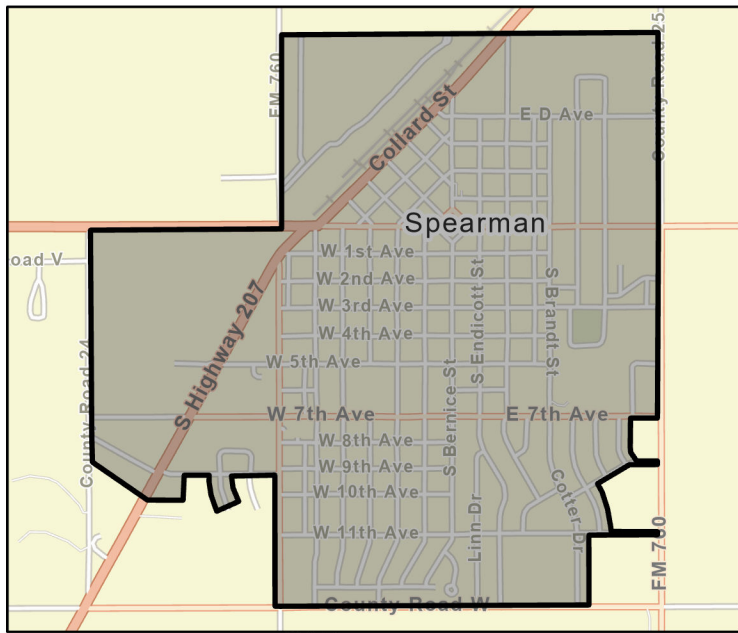
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Spearman GIS Development

ID# 011000109

Sponsor (name of entity, not person) Spearman (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Hansford Watershed HUC# (if known) 111001040311, 111001040312

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 2 # of structures 1 Critical facilities 0

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

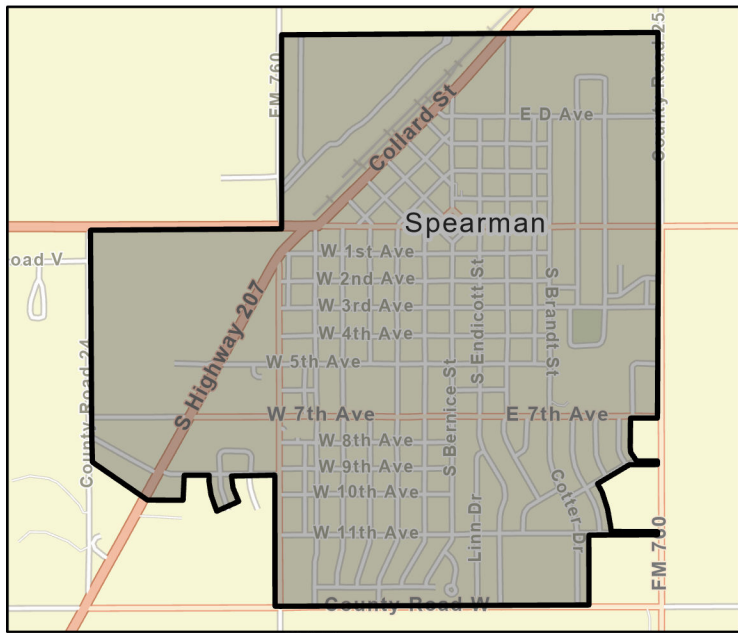
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Chillicothe City Drainage Master Plan**

ID# **011000191**

Sponsor (name of entity, not person) **Chillicothe (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on additional outreach**

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

County **Hardeman** Watershed HUC# (if known) **111301010404**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

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

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

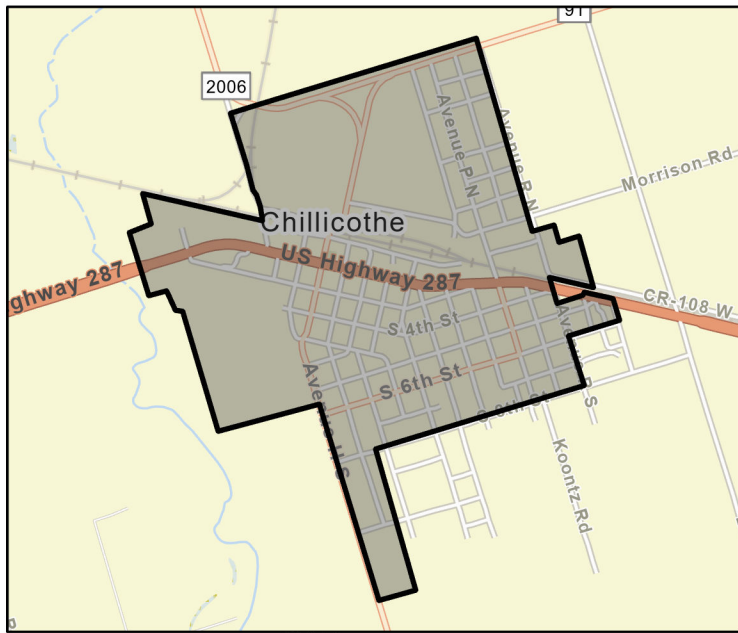
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Groom City Drainage Master Plan**

ID# **011000093**

Sponsor (name of entity, not person) **Groom (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs**

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

County **Carson** Watershed HUC# (if known) **111202010104, 111203010201**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **25** # of structures **19** Critical facilities **1**

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

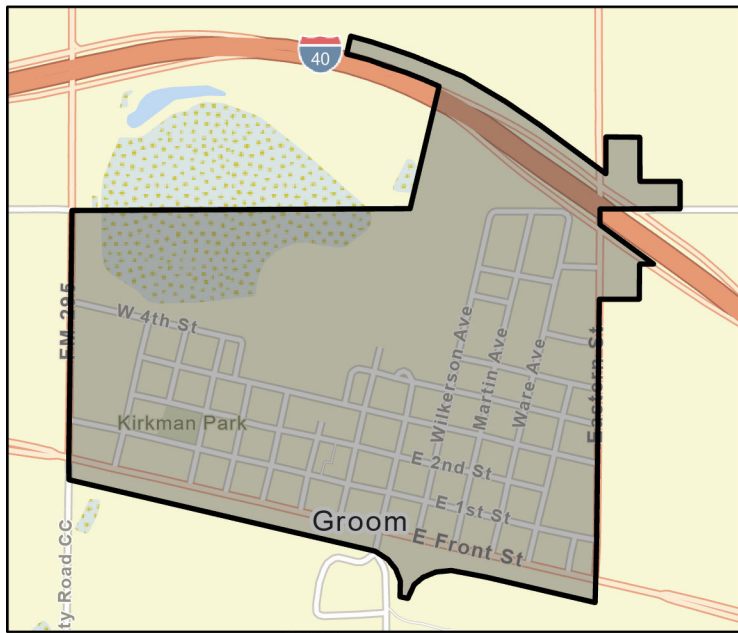
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **1**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Jolly City Drainage Master Plan**

ID# **011000063**

Sponsor (name of entity, not person) **Jolly (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Clay** Watershed HUC# (if known) **111302090503, 111302090504, 111302090505**

Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **10** # of structures **3** Critical facilities **0**

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

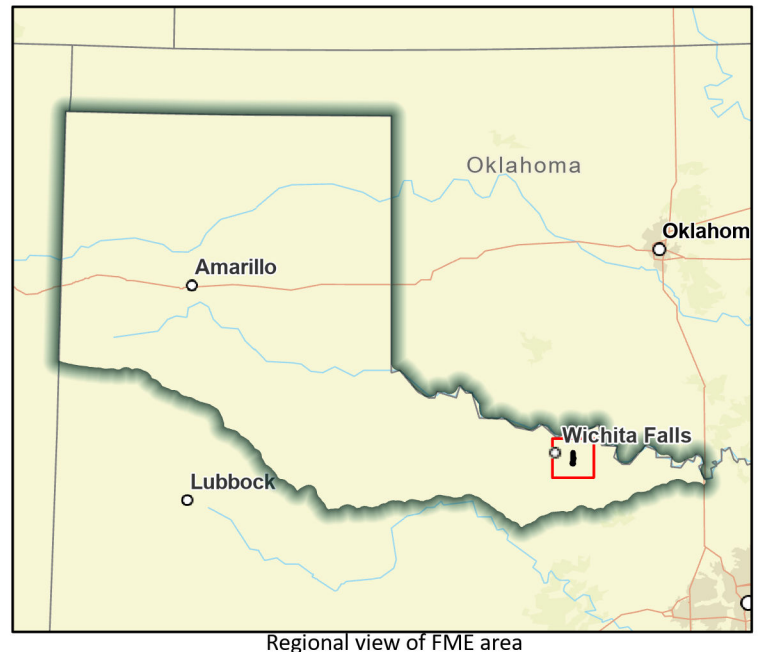
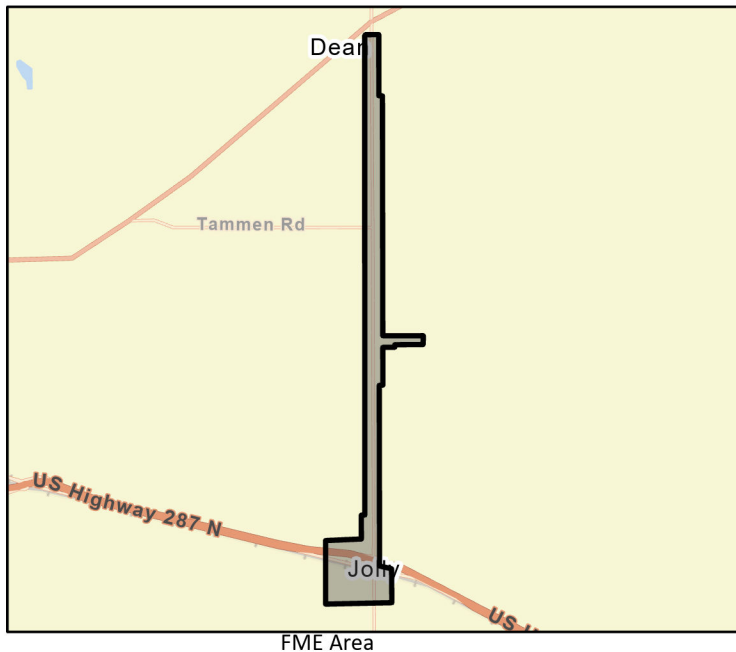
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

Number of low water crossings **2** Historical road closures **3**

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



Flood Management Evaluation (FME)



Title **Vernon City Drainage Master Plan**

ID# **011000088**

Sponsor (name of entity, not person) **Vernon (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Wilbarger** Watershed HUC# (if known) **111301050204, 111301050206**

Drainage area (Square miles, est.) **8** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **509** # of structures **61** Critical facilities **1**

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

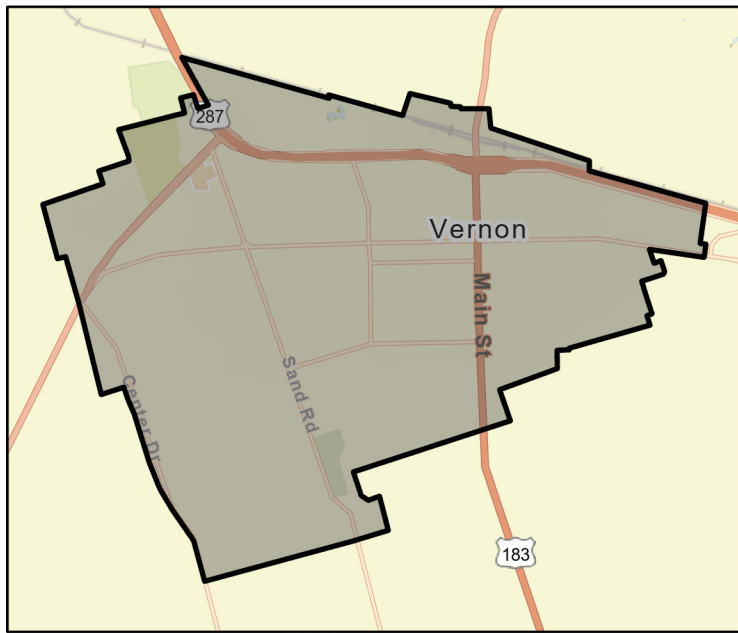
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **13**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Wichita Falls City Drainage Master Plan**

ID# **011000098**

Sponsor (name of entity, not person) **Wichita Falls (Municipality)**

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

Study Details

Study type **Watershed Planning**
 Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Update existing drainage mater plan. Selected based on survey responses and needs analysis.**

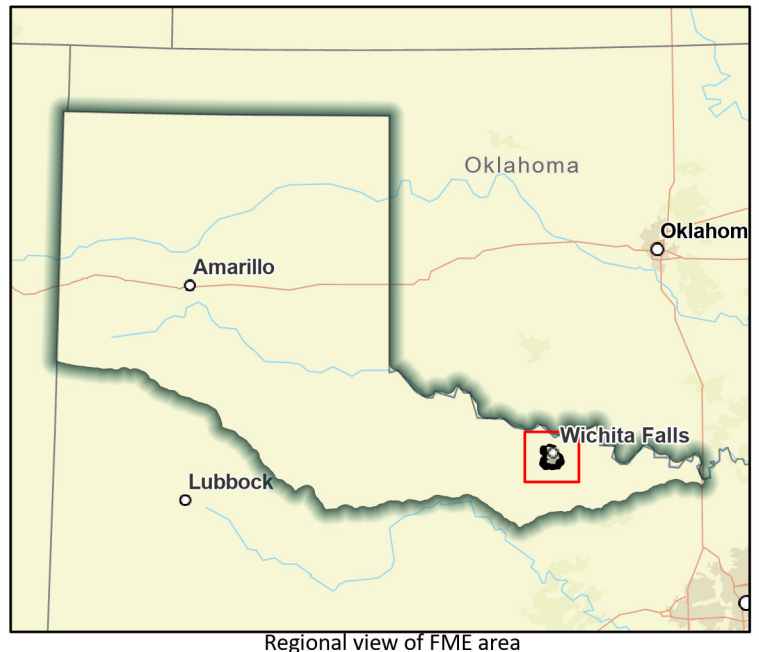
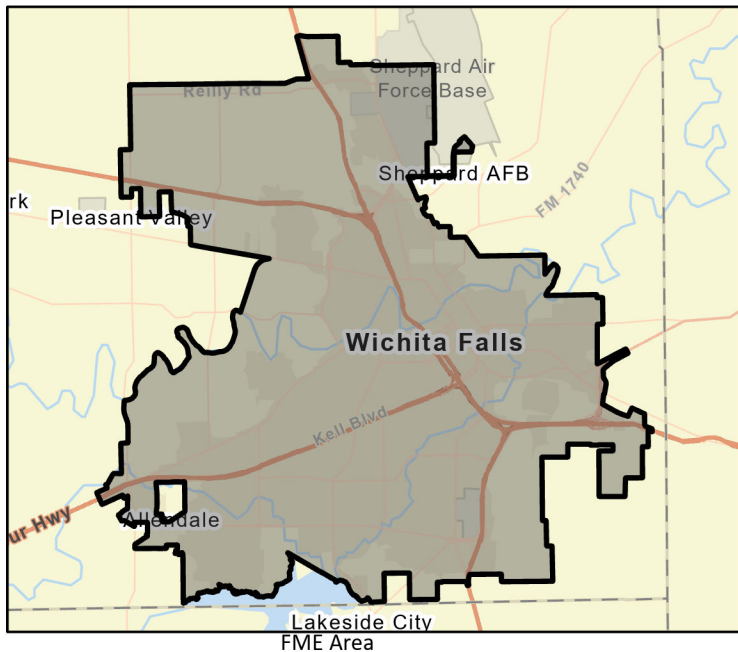
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Wichita** Watershed HUC# (if known) **111302060303, 111302060304, 111302060406, 111302060407,**
 Drainage area (Square miles, est.) **72** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **9,885** # of structures **3,091** Critical facilities **51**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **Yes** Other? **No**
 Farm/Ranch land impacted (acres) **44** Roadway(s) impacted (length) **121**
 Number of low water crossings **46** Historical road closures **53**

Estimated Cost and Funding Availability

Total Cost **\$1,000,000** Amount of Available Funding **1,000,000** Federal funding availability **Yes**
 Funding source **Wichita Falls**



Flood Management Evaluation (FME)



Title Detailed Hydrologic and Hydraulic Study of the Wichita River

ID# 011000179

Sponsor (name of entity, not person) Wichita Falls (Municipality)

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

Study Details

Study type Watershed Planning
 Study description Perform a detailed H&H study of the Wichita River watershed with a focus on the area in and around Wichita Falls; selected based on stakeholder feedback

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

County Wichita, Foard, Cottle, Motley, Wilbarger, Watershed HUC# (if known) -

Drainage area (Square miles, est.) 3,174 Goal(s) 01000001, 01000002

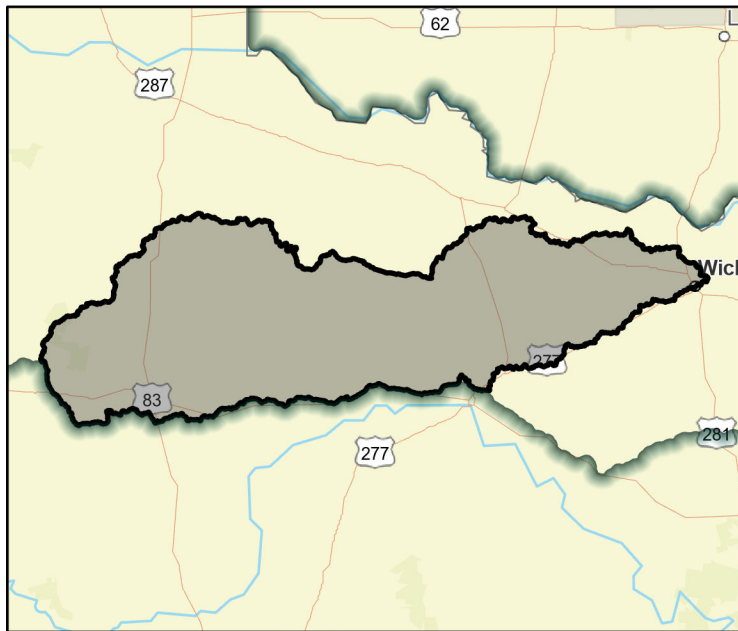
100-Year Flood Risk Summary

Population at risk 6,756 # of structures 2,818 Critical facilities 28
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 271,233 Roadway(s) impacted (length) 182
 Number of low water crossings 123 Historical road closures 178

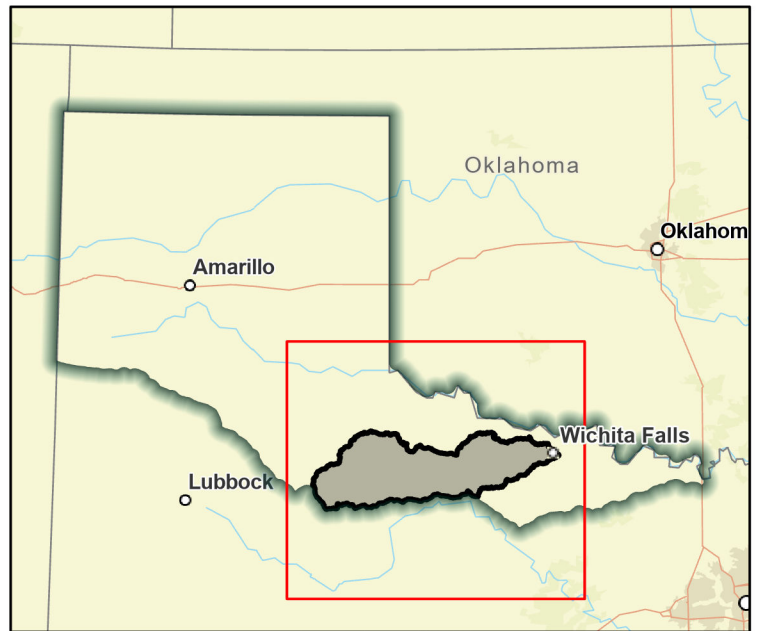
Estimated Cost and Funding Availability

Total Cost \$528,000 Amount of Available Funding 528,000 Federal funding availability Yes

Funding source Wichita Falls



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Cashion City Drainage Master Plan**

ID# **011000070**

Sponsor (name of entity, not person) **Cashion Community (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis**

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

County **Wichita** Watershed HUC# (if known) **111301020304, 111302060501**

Drainage area (Square miles, est.) **2** Goal(s) **01000001, 01000002, 01000005, 01000006**

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) **6** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Canyon Drainage Master Plan

ID# 011000177

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects, with a focus on downtown Canyon. Project identified from HMAP

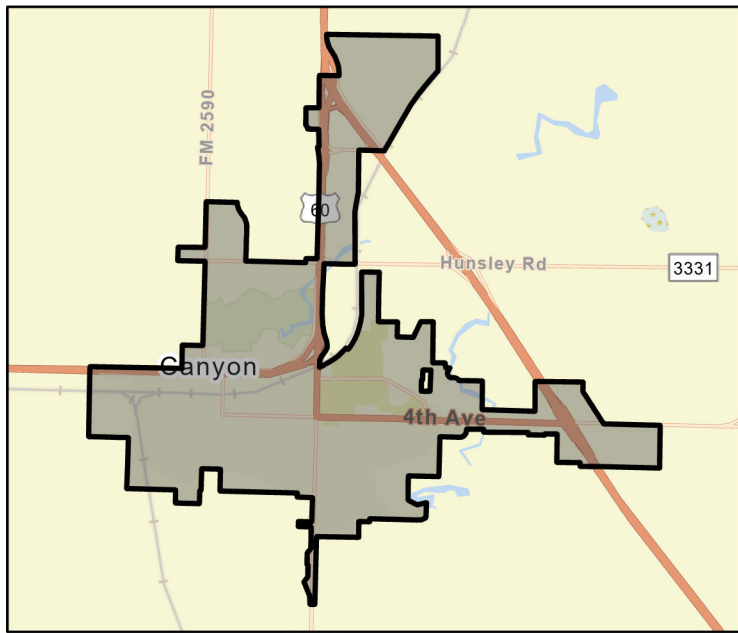
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall Watershed HUC# (if known) 111201010609, 111201020303, 111201020304, 111201030101
 Drainage area (Square miles, est.) 7 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 823 # of structures 206 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 150 Roadway(s) impacted (length) 15
 Number of low water crossings 7 Historical road closures 7

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Improve Storm Water Drainage and Control Systems (City of Canyon)**

ID# **011000178**

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

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

Study Details

Study type **Other**
 Study description **Initiate a centralized data collection program to identify recurring flooding locations based on citizen complaints and road maintenance logs; selected based on stakeholder feedback**

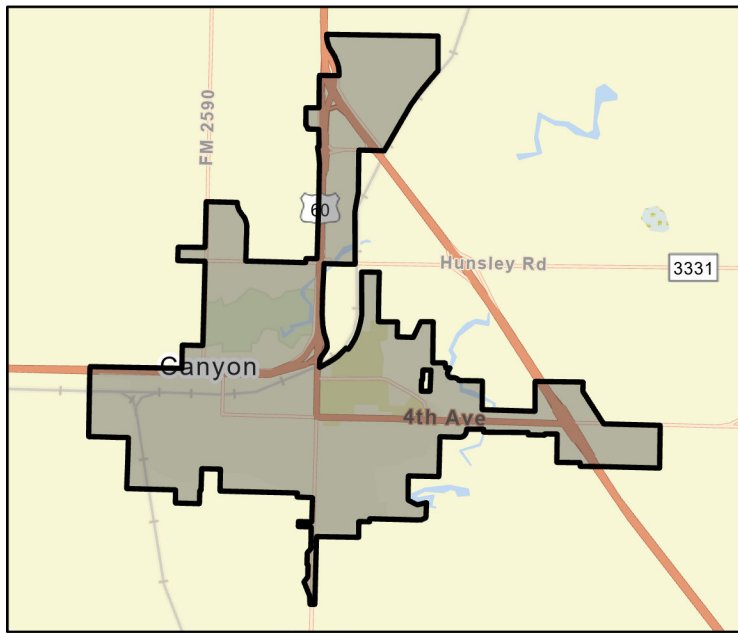
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201010609, 111201020303, 111201020304, 111201030101**
 Drainage area (Square miles, est.) **7** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **823** # of structures **206** Critical facilities **0**
 Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **Yes** Other? **No**
 Farm/Ranch land impacted (acres) **150** Roadway(s) impacted (length) **15**
 Number of low water crossings **7** Historical road closures **7**

Estimated Cost and Funding Availability

Total Cost **\$50,000** Amount of Available Funding **-** Federal funding availability **No**
 Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lake Tanglewood City Drainage Master Plan

ID# 011000065

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis

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

County Randall Watershed HUC# (if known) 111201030103

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 296 # of structures 121 Critical facilities 19

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

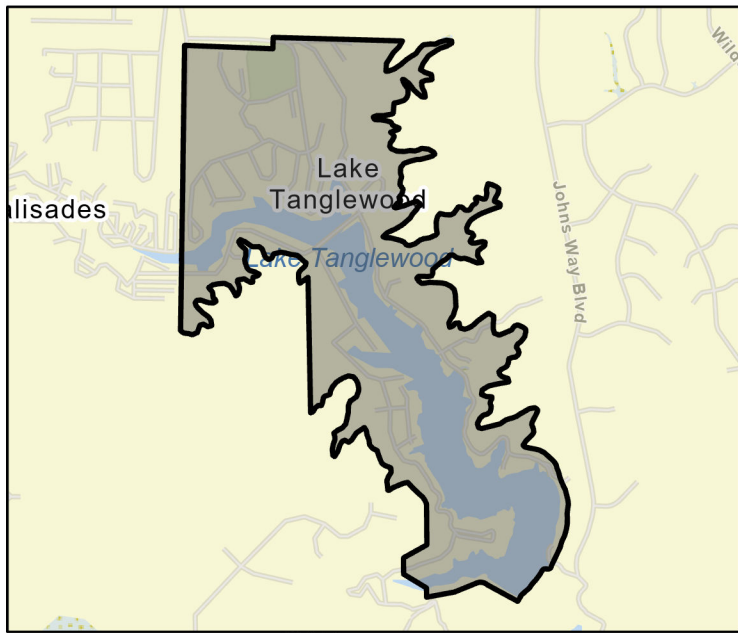
Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Little Wichita Dams

ID# 011000211

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 3 dams to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

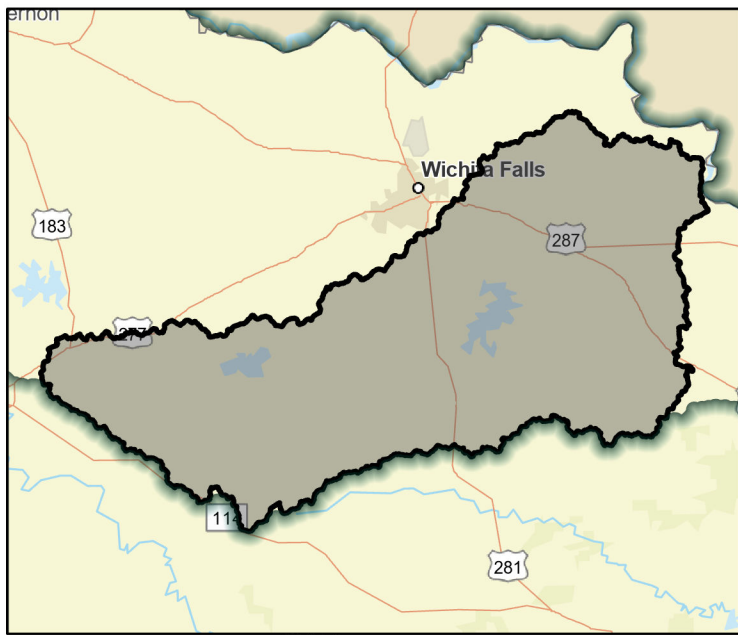
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Young, Montague, Clay, Wichita, Baylor, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 1,479 Goal(s) 01000007

100-Year Flood Risk Summary

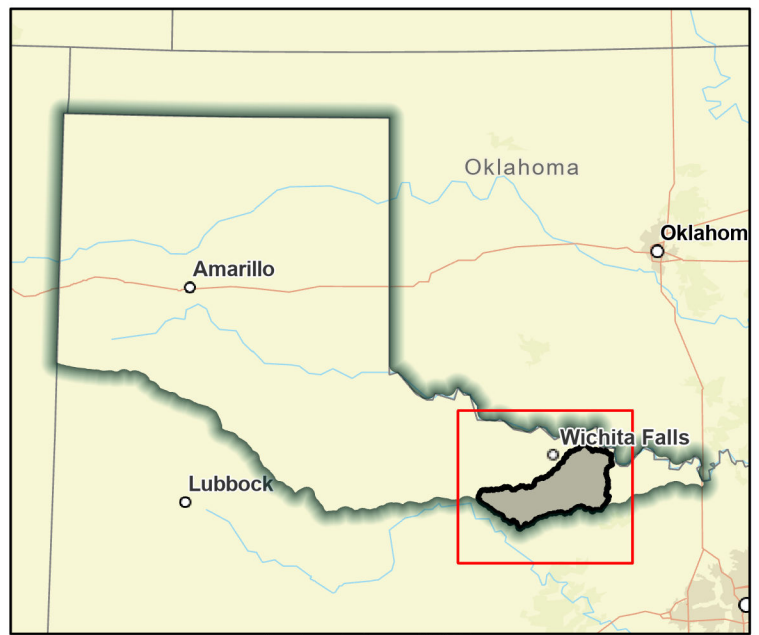
Population at risk 250 # of structures 155 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 146,349 Roadway(s) impacted (length) 78
 Number of low water crossings 101 Historical road closures 101

Estimated Cost and Funding Availability

Total Cost \$145,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Holliday City Drainage Master Plan

ID# 011000076

Sponsor (name of entity, not person) Holliday (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis

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

County Archer Watershed HUC# (if known) 111302060302, 111302060303, 111302060405

Drainage area (Square miles, est.) 3 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 4 # of structures 4 Critical facilities 0

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

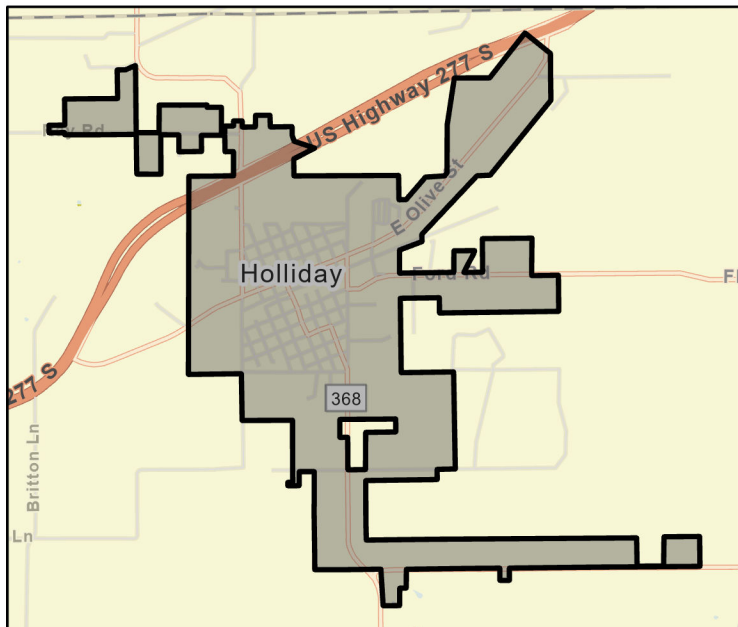
Farm/Ranch land impacted (acres) 5 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lakeside City City Drainage Master Plan

ID# 011000097

Sponsor (name of entity, not person) Lakeside City (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis

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

County Wichita, Archer Watershed HUC# (if known) 111302060303

Drainage area (Square miles, est.) 1 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 39 # of structures 22 Critical facilities 0

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

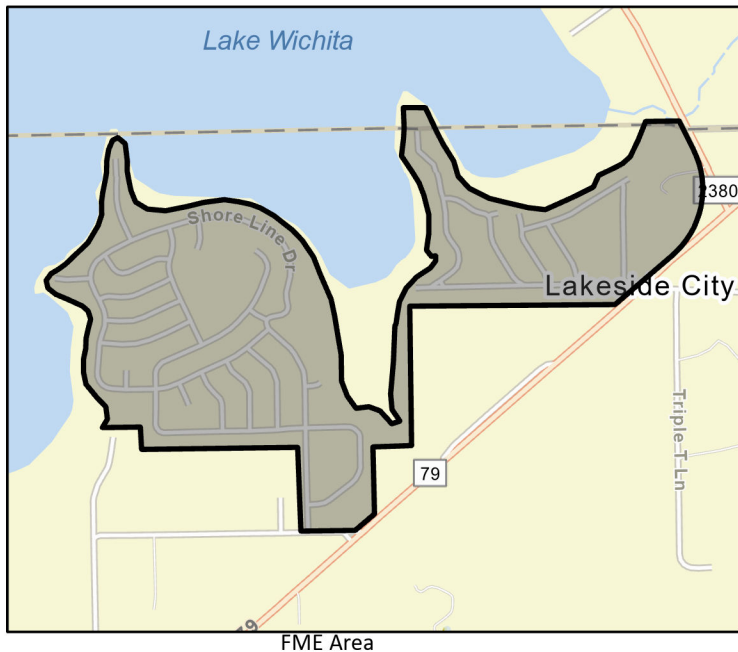
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Shamrock City Drainage Master Plan

ID# 011000075

Sponsor (name of entity, not person) Shamrock (Municipality)

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

Study Details

Study type Watershed Planning

Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis and survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains, wetlands, and playa lakes.

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

County Wheeler Watershed HUC# (if known) 111203020104, 111203040105

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 0

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

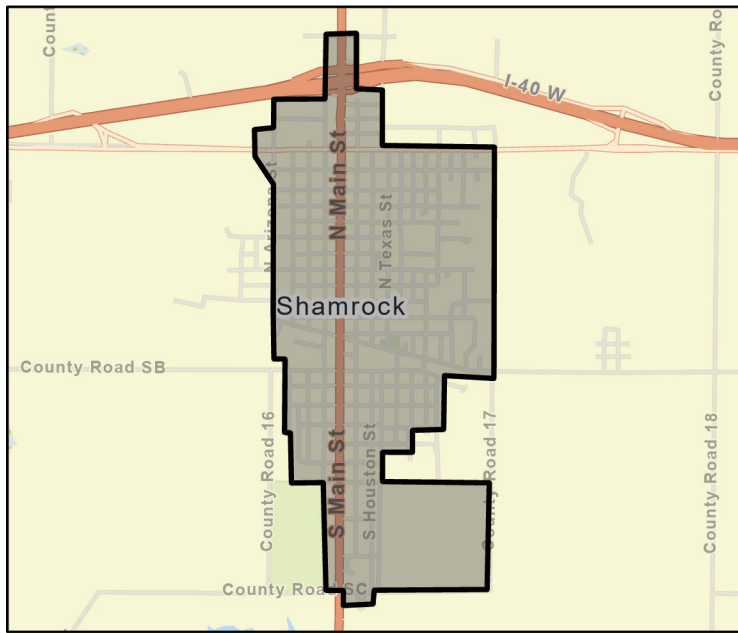
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Shamrock GIS Development

ID# 011000104

Sponsor (name of entity, not person) Shamrock (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Wheeler Watershed HUC# (if known) 111203020104, 111203040105

Drainage area (Square miles, est.) 2 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 0 # of structures 0 Critical facilities 0

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

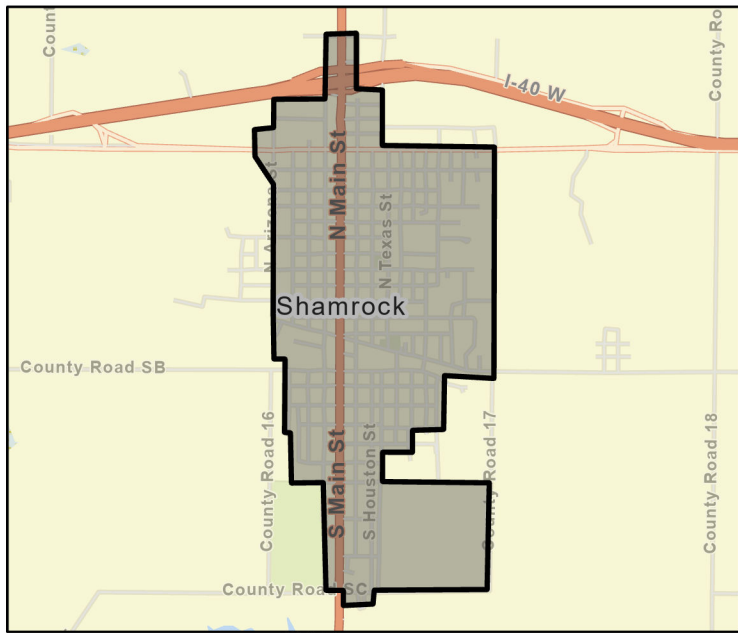
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Darrouzett City Drainage Master Plan

ID# 011000086

Sponsor (name of entity, not person) Darrouzett (Municipality)

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

Study Details

Study type Watershed Planning
 Study description Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with rivers, creeks, tributaries, and functioning floodplains

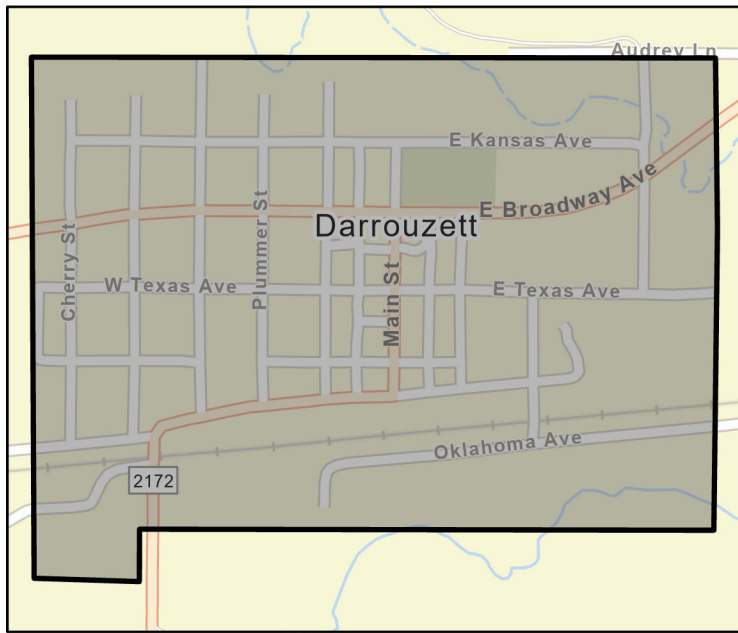
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No
 County Lipscomb Watershed HUC# (if known) 111002010306
 Drainage area (Square miles, est.) 0 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 1 # of structures 2 Critical facilities 0
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 6 Roadway(s) impacted (length) 0
 Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$250,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Perryton City Drainage Master Plan**

ID# **011000091**

Sponsor (name of entity, not person) **Perryton (Municipality)**

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

Study Details

Study type **Watershed Planning**

Study description **Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and survey responses**

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

County **Ochiltree** Watershed HUC# (if known) **111002010201, 111002010301, 111002010302**

Drainage area (Square miles, est.) **4** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **479** # of structures **304** Critical facilities **0**

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

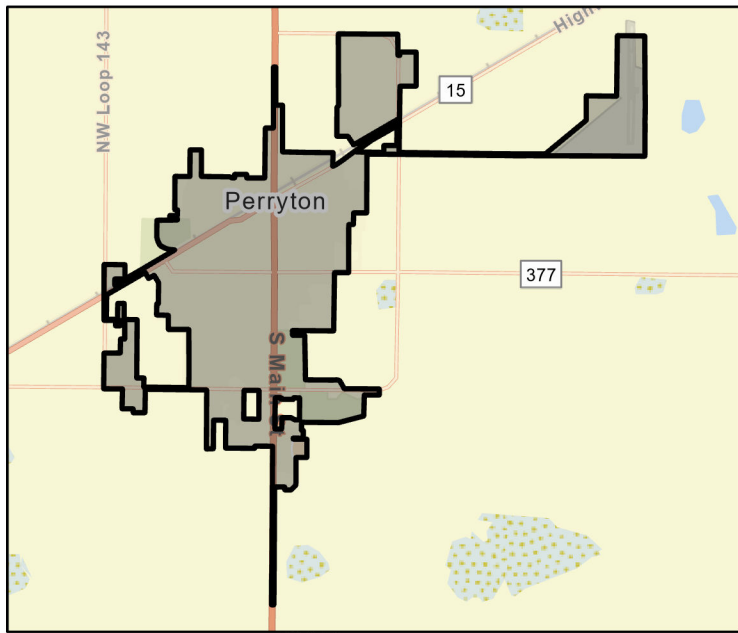
Farm/Ranch land impacted (acres) **18** Roadway(s) impacted (length) **7**

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

Estimated Cost and Funding Availability

Total Cost **\$250,000** Amount of Available Funding **-** Federal funding availability **No**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title City of Perryton GIS Development

ID# 011000110

Sponsor (name of entity, not person) Perryton (Municipality)

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

Study Details

Study type Other

Study description Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response

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

County Ochiltree Watershed HUC# (if known) 111002010201, 111002010301, 111002010302

Drainage area (Square miles, est.) 4 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 479 # of structures 304 Critical facilities 0

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

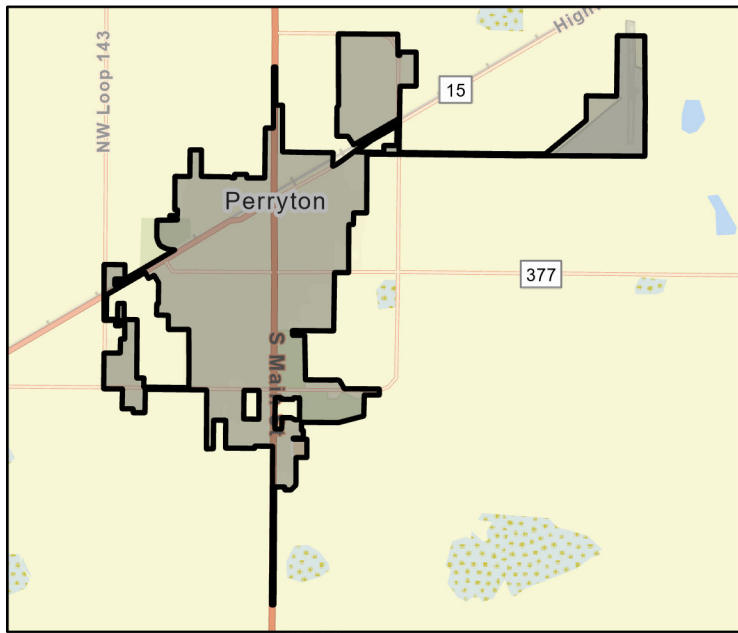
Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (length) 7

Number of low water crossings 0 Historical road closures 0

Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability No

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Upper North Fork Red Dams

ID# 011000209

Sponsor (name of entity, not person) Gray County SWCD

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 6 dams to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

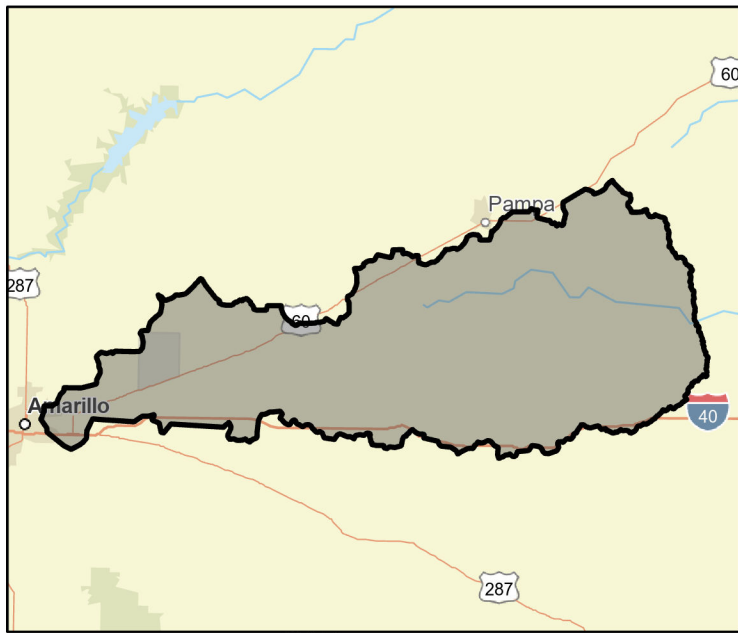
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Carson, Potter, Donley, Armstrong, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 1,179 Goal(s) 01000007

100-Year Flood Risk Summary

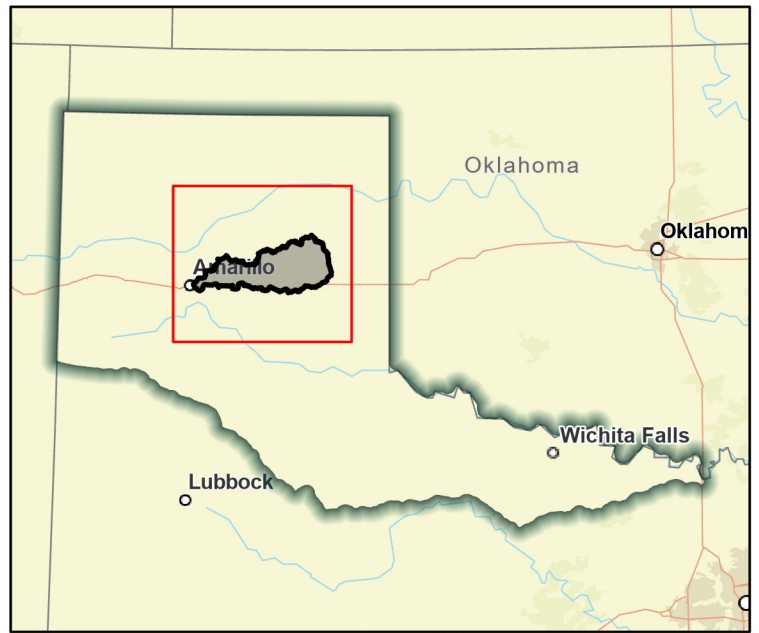
Population at risk 1,951 # of structures 195 Critical facilities 10
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 69,935 Roadway(s) impacted (length) 62
 Number of low water crossings 12 Historical road closures 12

Estimated Cost and Funding Availability

Total Cost \$277,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Upper Prairie Dog Town Fork Red Dams

ID# 011000206

Sponsor (name of entity, not person) MULTIPLE

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 4 dams to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

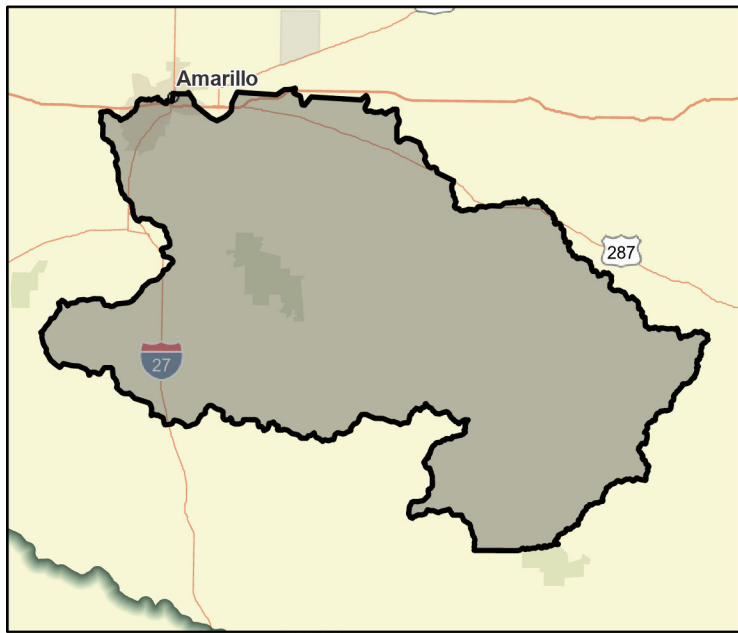
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Carson, Potter, Hall, Briscoe, Swisher, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 2,153 Goal(s) 01000007

100-Year Flood Risk Summary

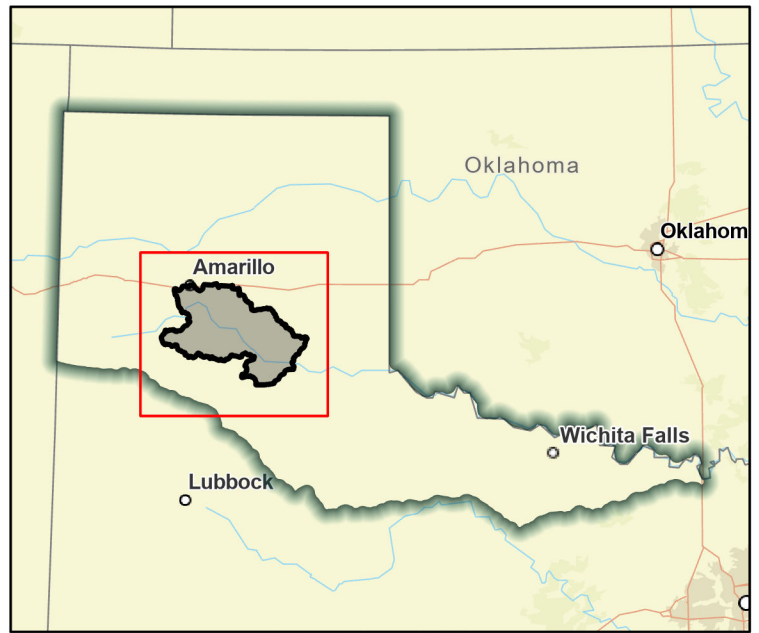
Population at risk 4,434 # of structures 1,785 Critical facilities 21
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 146,815 Roadway(s) impacted (length) 184
 Number of low water crossings 22 Historical road closures 22

Estimated Cost and Funding Availability

Total Cost \$189,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Middle Canadian-Spring Dams

ID# 011000208

Sponsor (name of entity, not person) Roberts County SWCD

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

Study Details

Study type Watershed Planning
 Study description Perform a watershed-wide evaluation of 2 dams to assess flood protection performance for the 100-year and 500-year events, develop breach analyses mapping and assess hazard classification, develop risk indices, and evaluate dam safety performance.

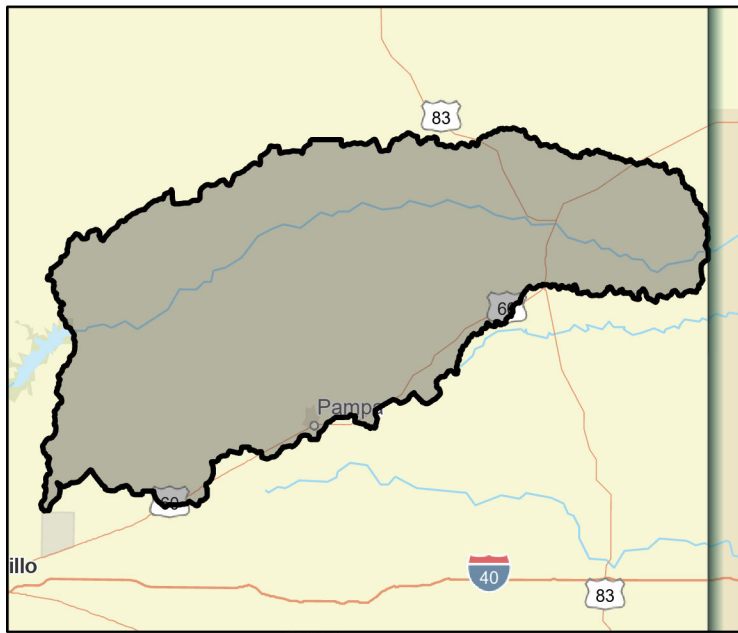
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Carson, Hemphill, Roberts, Hutchinson, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 2,759 Goal(s) 01000007

100-Year Flood Risk Summary

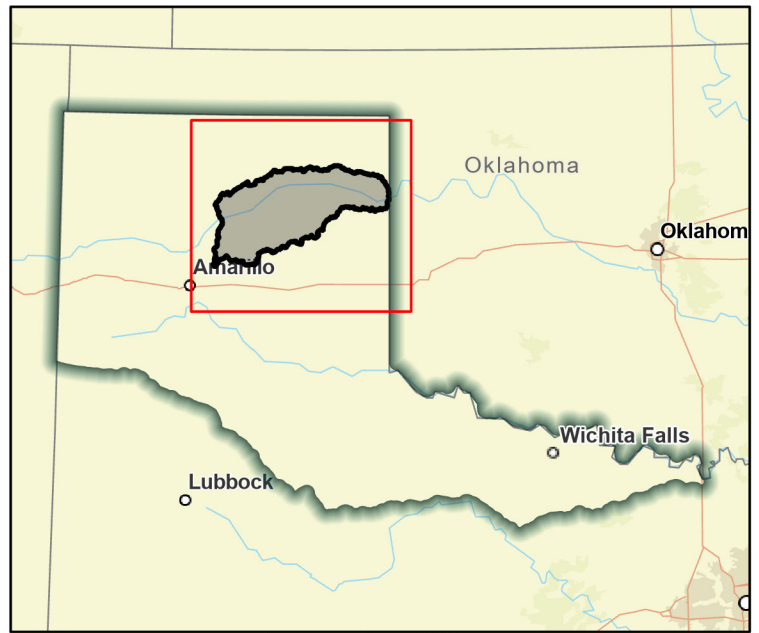
Population at risk 1,610 # of structures 646 Critical facilities 5
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 249,318 Roadway(s) impacted (length) 81
 Number of low water crossings 26 Historical road closures 26

Estimated Cost and Funding Availability

Total Cost \$102,000 Amount of Available Funding - Federal funding availability No
 Funding source -



FME Area



Regional view of FME area