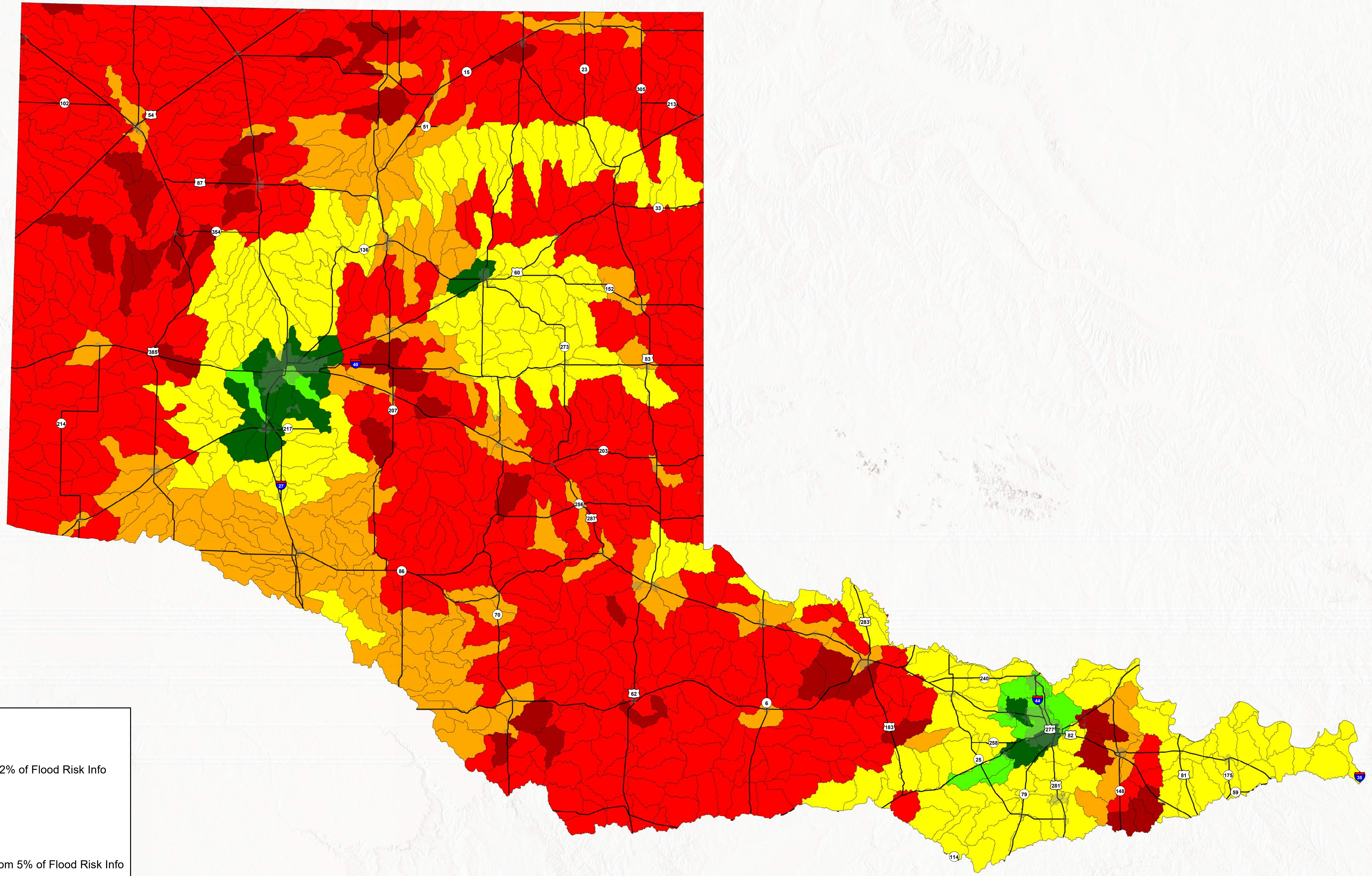


Appendix D-1 | D-1.1

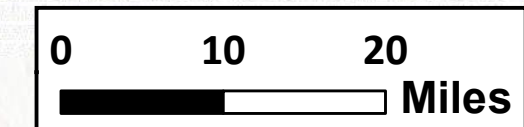
Map 14 – Greatest Gaps in Flood Risk Information



Legend

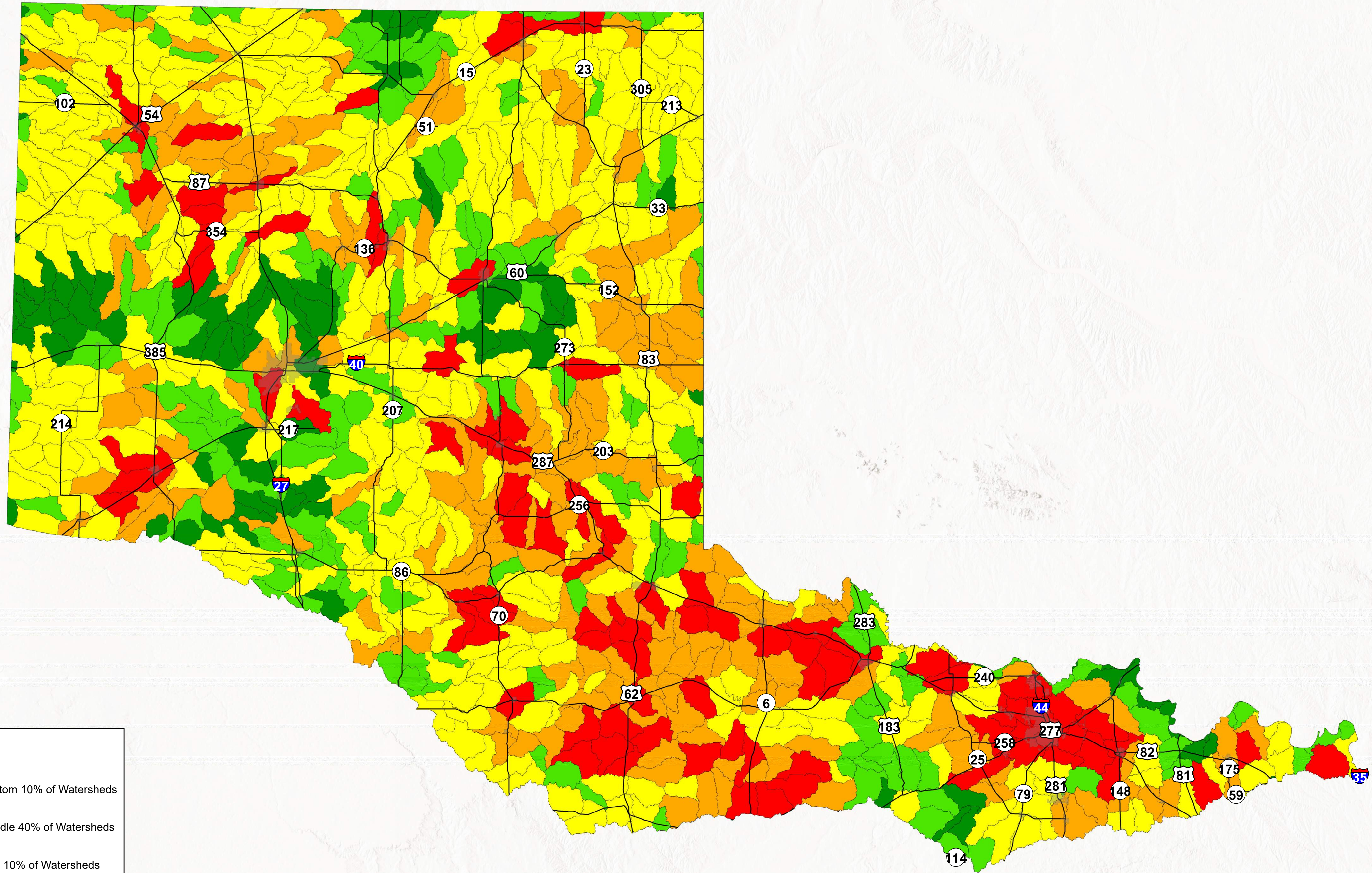
Value

- Top 2% of Flood Risk Info
-
-
-
-
- Bottom 5% of Flood Risk Info
- Roads
- Cities



Appendix D-1 | D-1.2

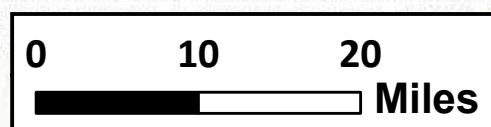
Map 15 – Greatest Flood Risk



Legend

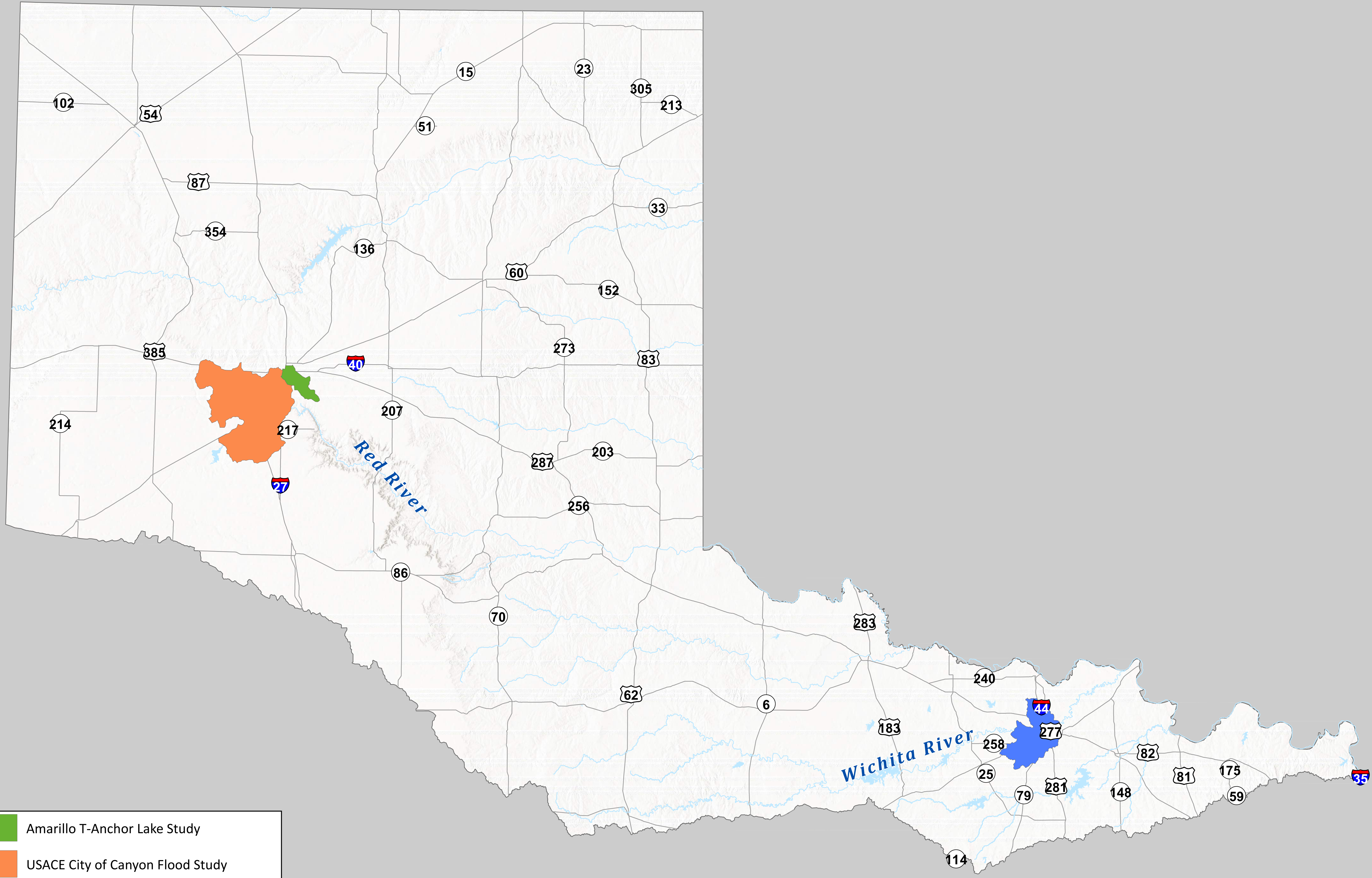
Value

- Bottom 10% of Watersheds
- Middle 40% of Watersheds
- Top 10% of Watersheds
- Top 10% of Watersheds
- Roads
- Cities

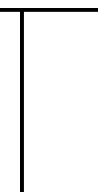
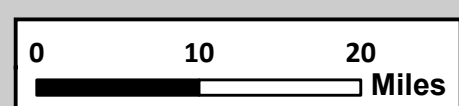


Appendix D-1 | D-1.3

Map 22 – Model Coverage



- Amarillo T-Anchor Lake Study
- USACE City of Canyon Flood Study
- Wichita Falls Drainage Master Plan Models



REGION CANADIAN
UPPER RED
REGIONAL FLOOD
PLANNING GROUP
FREES AND NICHOLS, INC.
FREES AND NICHOLS, INC.
OFFICE: 853.726.2700

Region 1 - Canadian-Upper Red
Location of Watersheds with Models to Evaluate FMPs

FW JOB NO	PPC21323	Map 22
FILE	12/22_Modifications_2201	
DATE	12/8/2022	
SCALE	1:750,000	
DRAFTED	08071	

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**

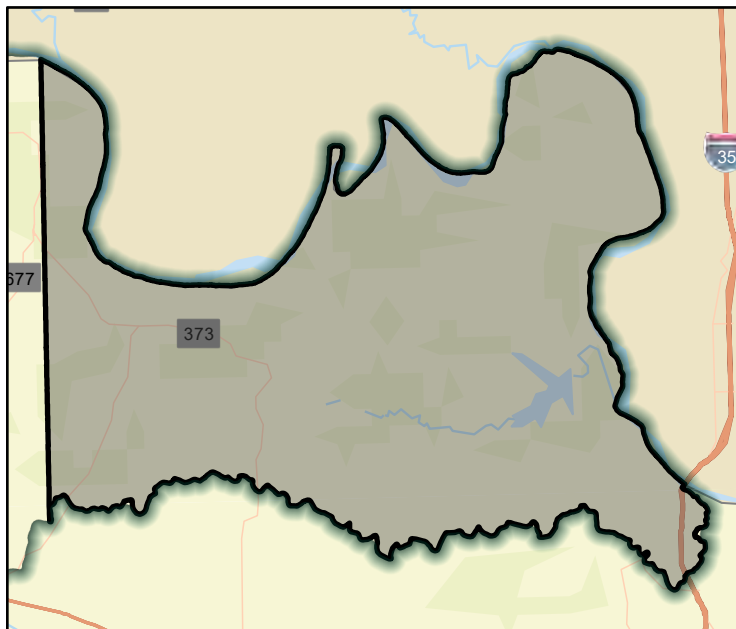
Farm/Ranch land impacted (acres) **20,721** Roadway(s) impacted (length) **8**

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

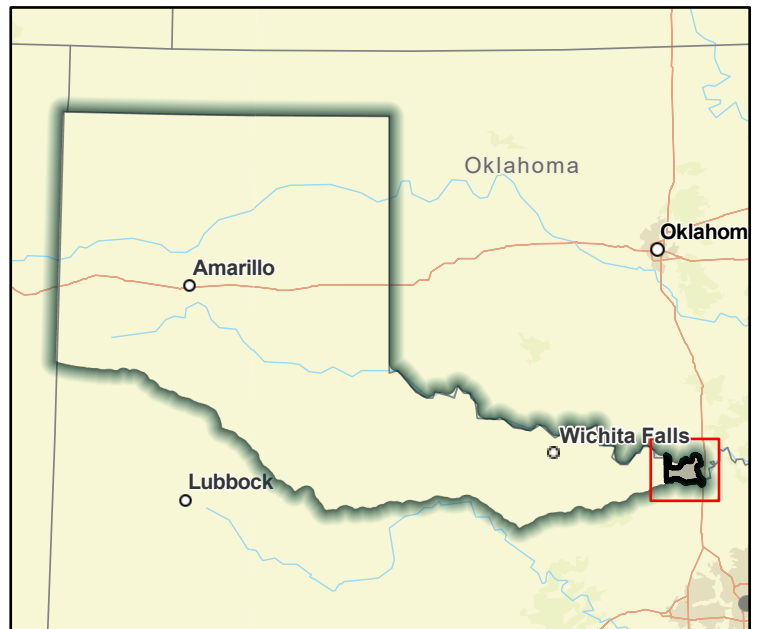
Estimated Cost and Funding Availability

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**

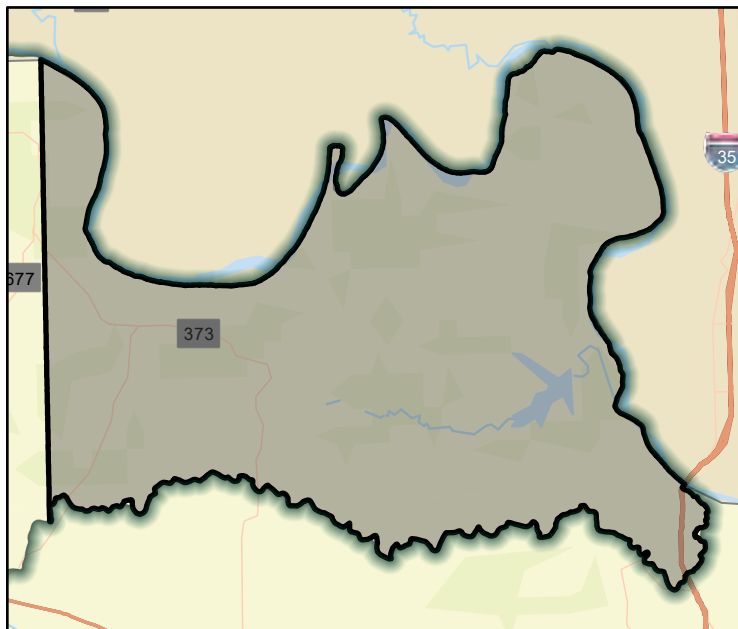
Farm/Ranch land impacted (acres) **20,721** Roadway(s) impacted (length) **8**

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

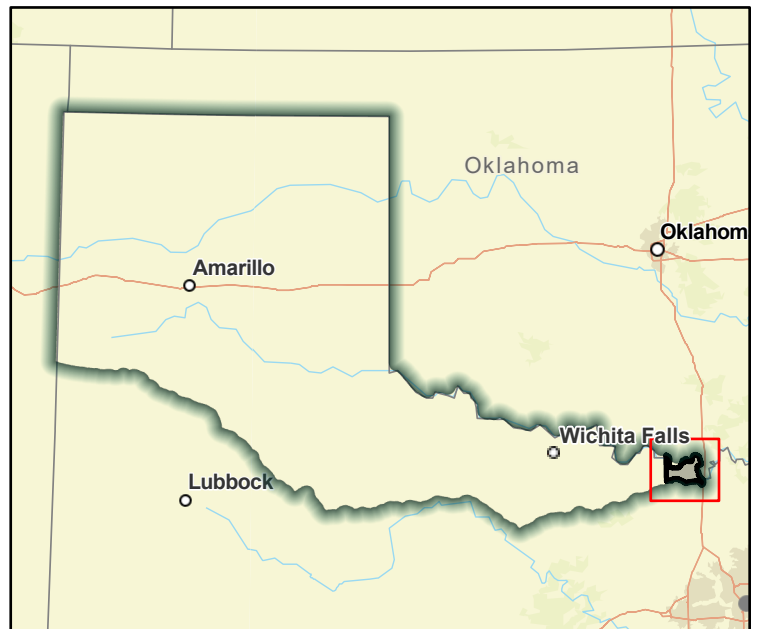
Estimated Cost and Funding Availability

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 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 **394** # of structures **255** Critical facilities **0**

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

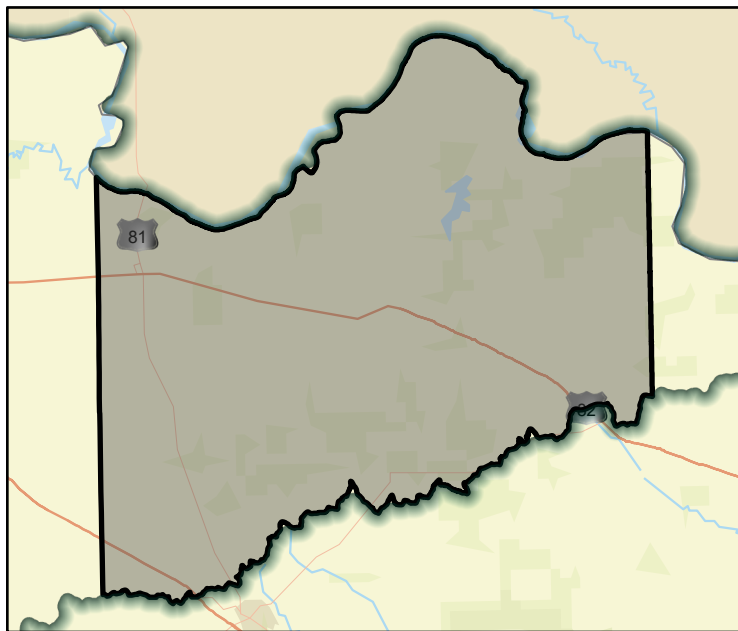
Farm/Ranch land impacted (acres) **49,721** Roadway(s) impacted (length) **37**

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

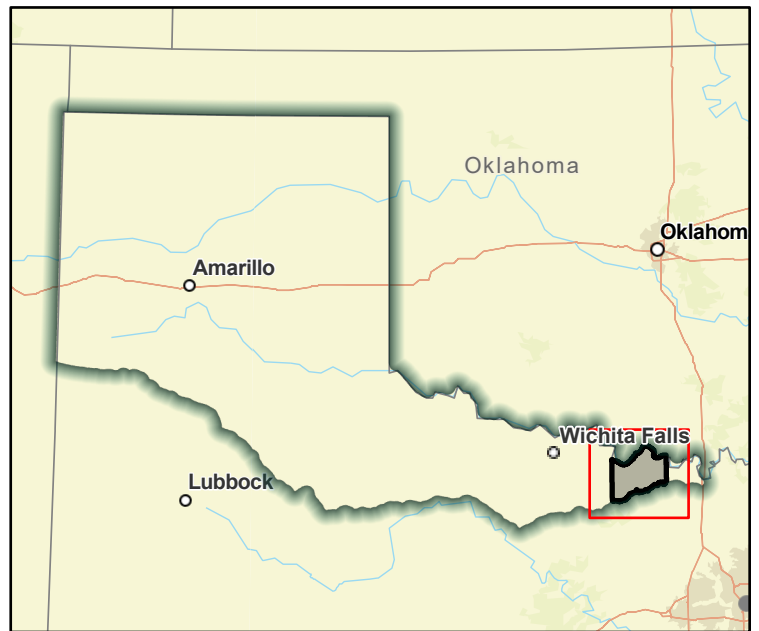
Estimated Cost and Funding Availability

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 **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 **394** # of structures **255** Critical facilities **0**

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

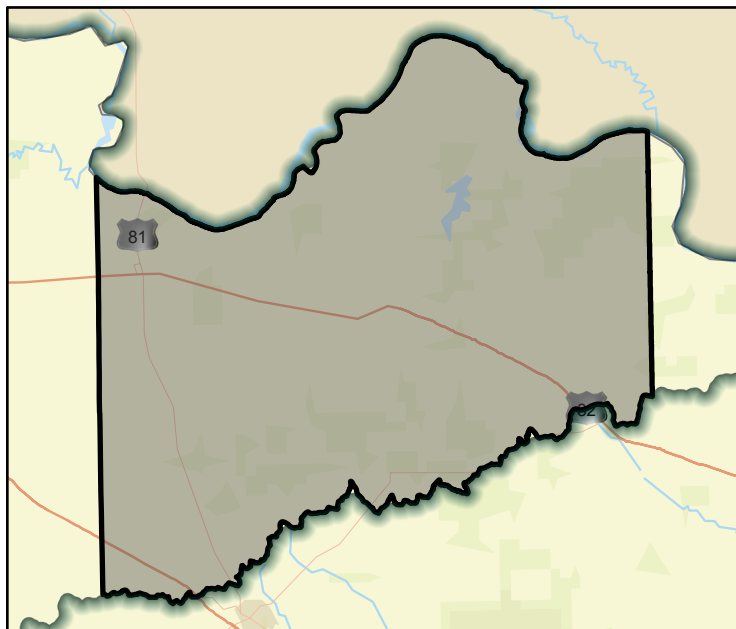
Farm/Ranch land impacted (acres) **49,721** Roadway(s) impacted (length) **37**

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

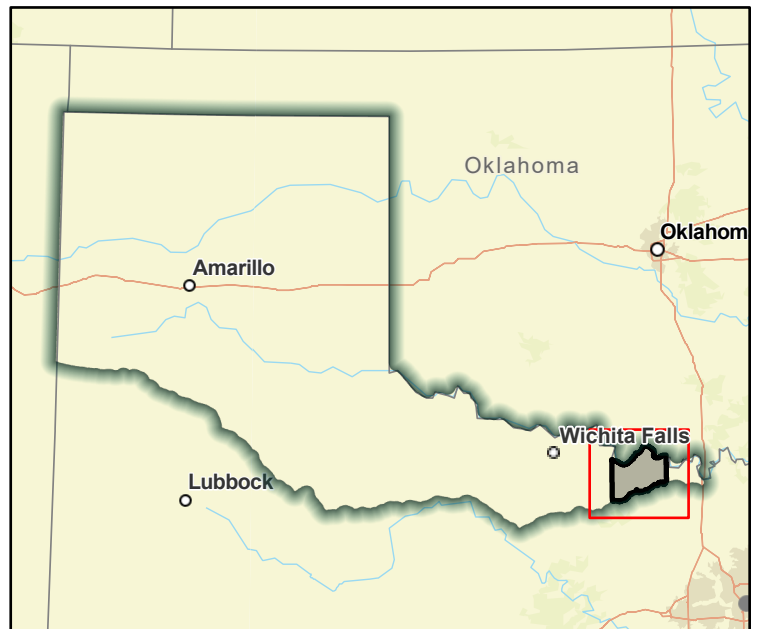
Estimated Cost and Funding Availability

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 **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 **315** # of structures **128** Critical facilities **0**

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

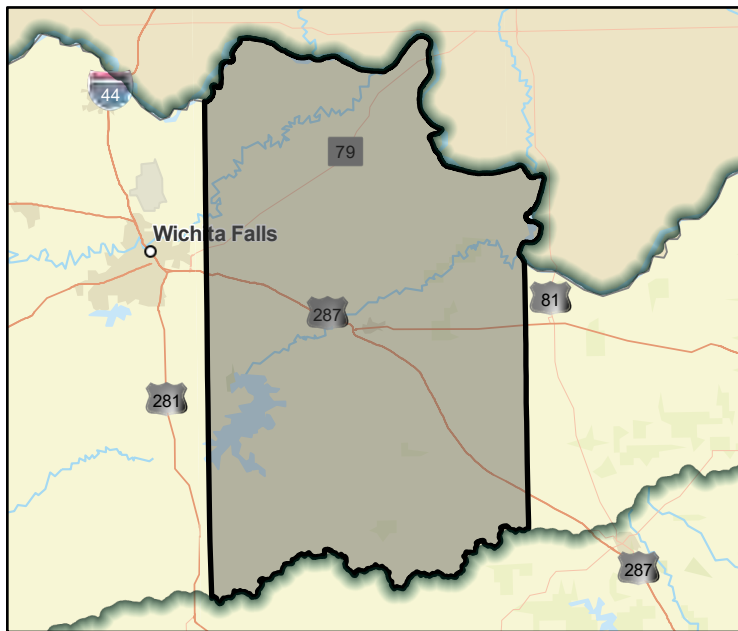
Farm/Ranch land impacted (acres) **94,918** Roadway(s) impacted (length) **64**

Number of low water crossings **64** Historical road closures **122**

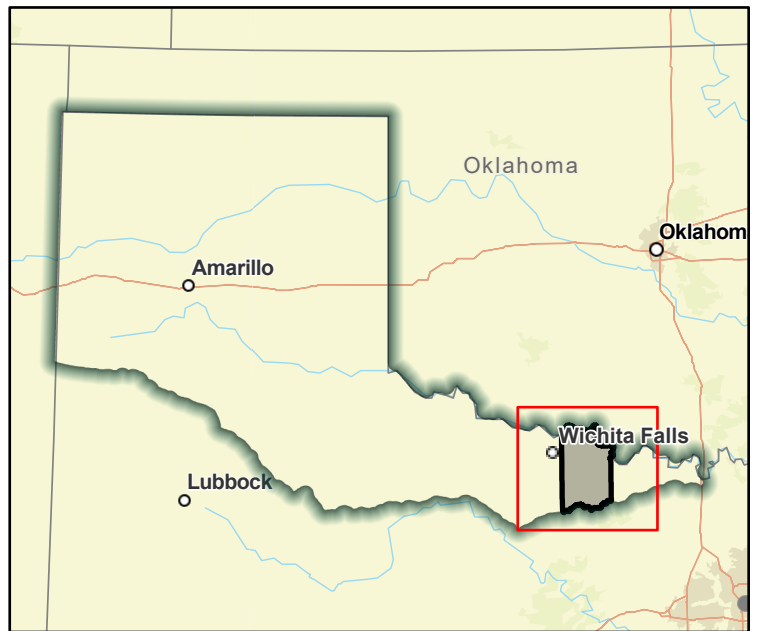
Estimated Cost and Funding Availability

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 315 # of structures 128 Critical facilities 0

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

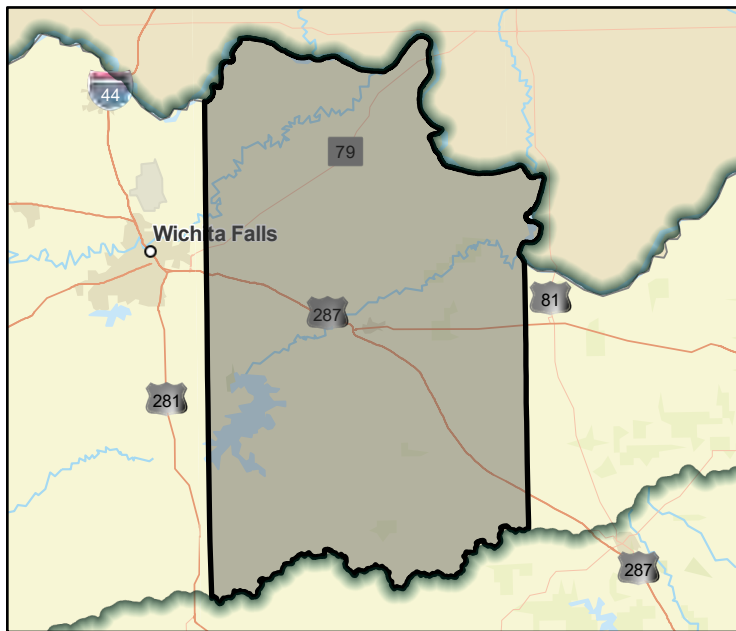
Farm/Ranch land impacted (acres) 94,918 Roadway(s) impacted (length) 64

Number of low water crossings 64 Historical road closures 122

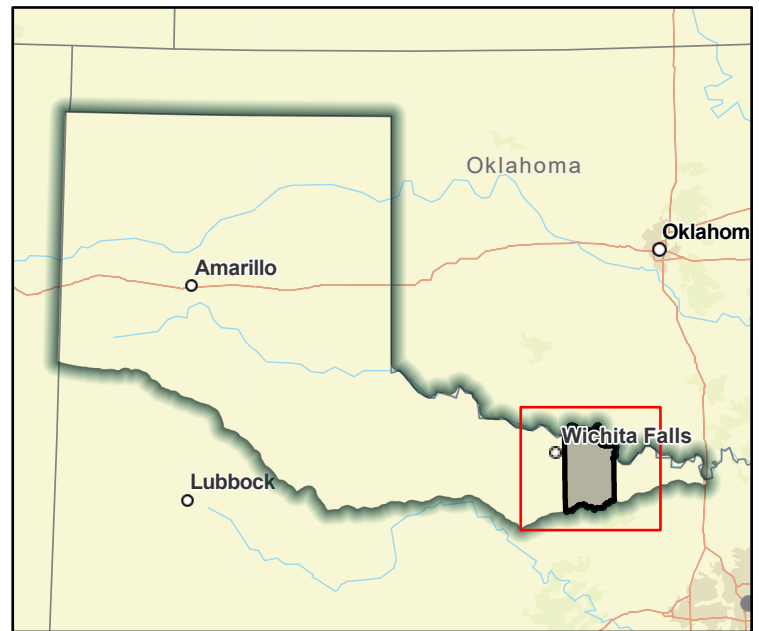
Estimated Cost and Funding Availability

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 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**

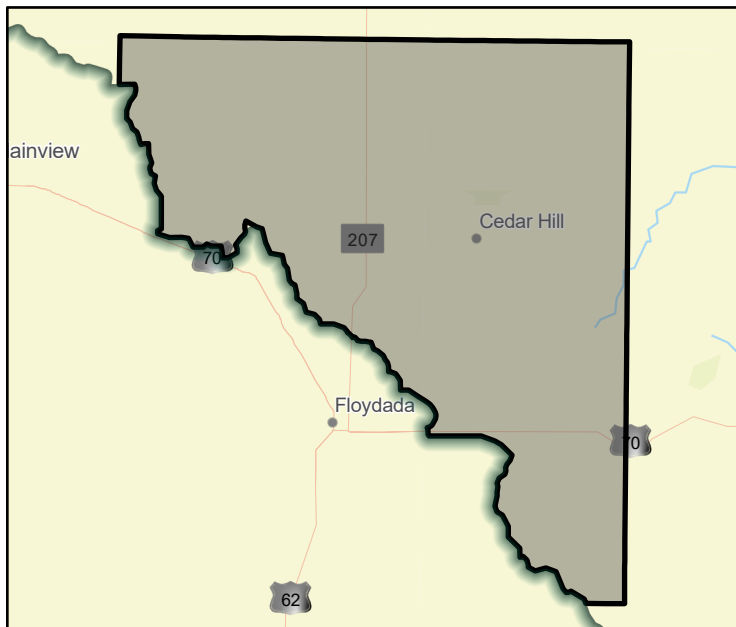
Farm/Ranch land impacted (acres) **26,595** Roadway(s) impacted (length) **77**

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

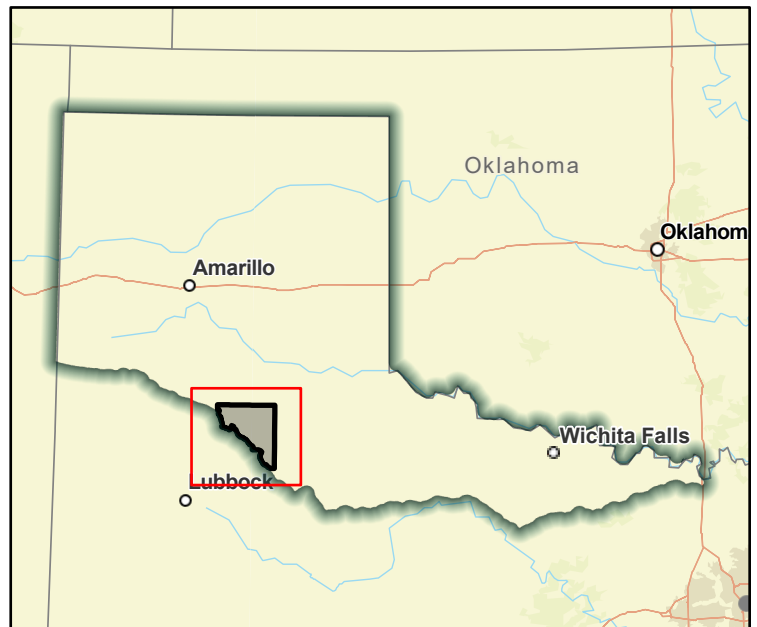
Estimated Cost and Funding Availability

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 **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**

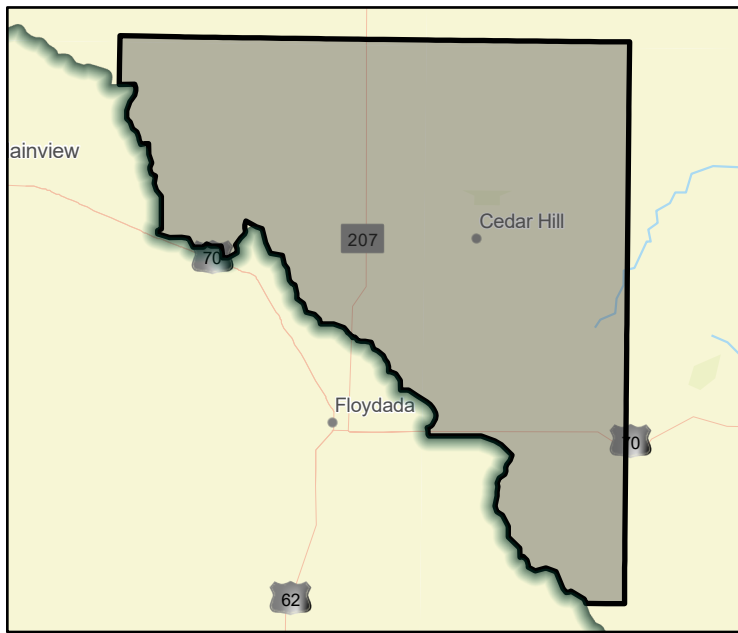
100-Year Flood Risk Summary

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 **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**

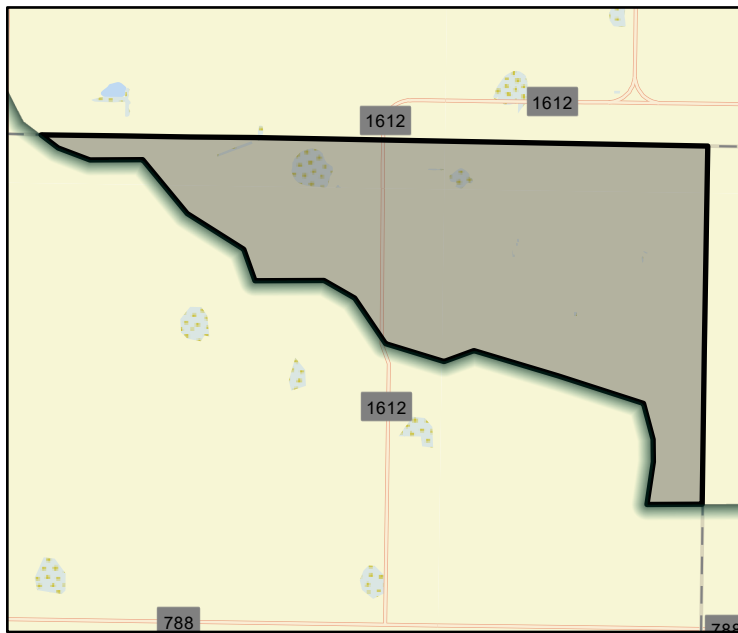
Farm/Ranch land impacted (acres) **229** Roadway(s) impacted (length) **2**

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

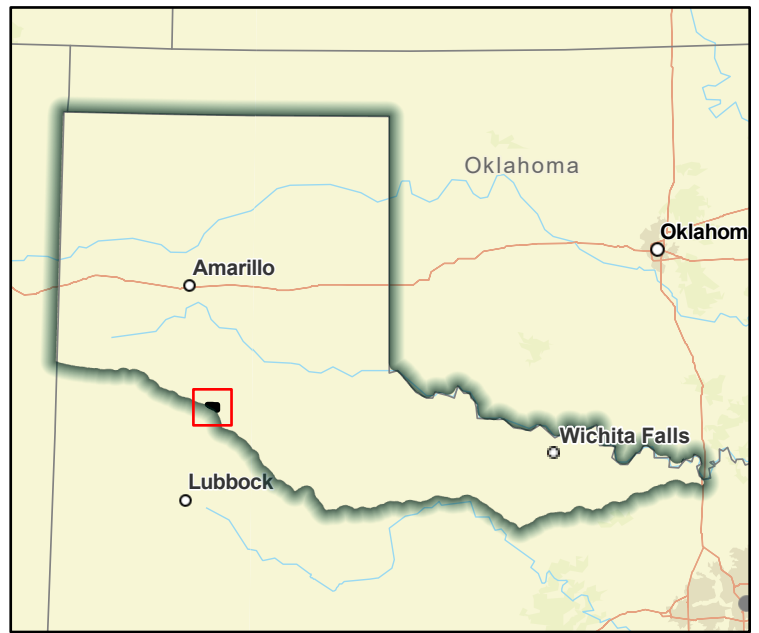
Estimated Cost and Funding Availability

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**

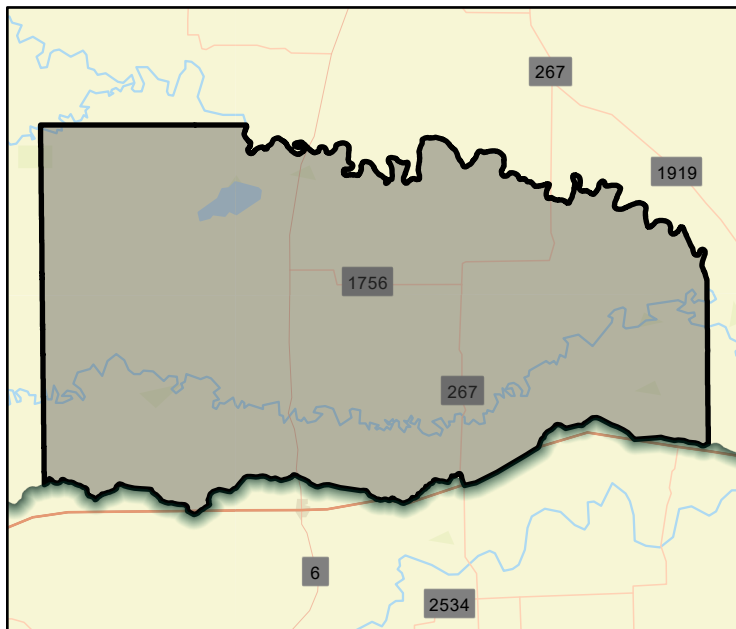
Farm/Ranch land impacted (acres) **42,191** Roadway(s) impacted (length) **5**

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

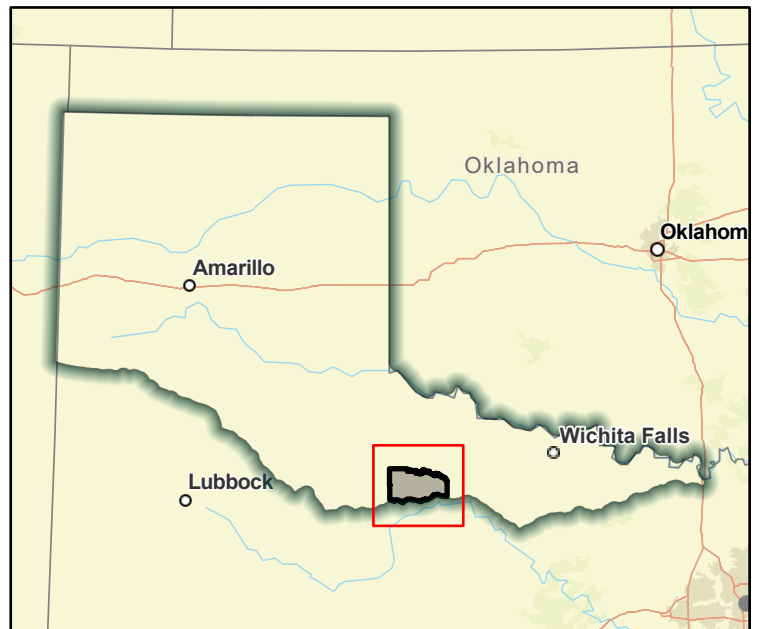
Estimated Cost and Funding Availability

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

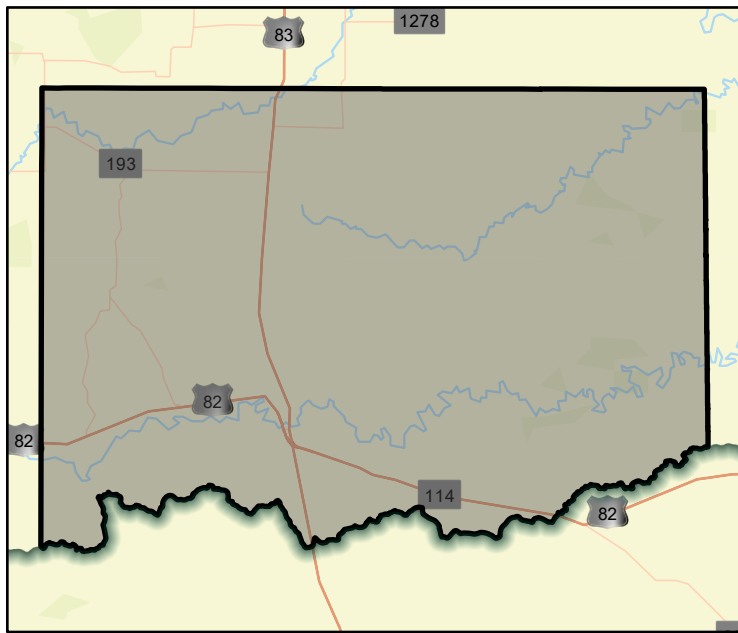
Farm/Ranch land impacted (acres) 46,810 Roadway(s) impacted (length) 11

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

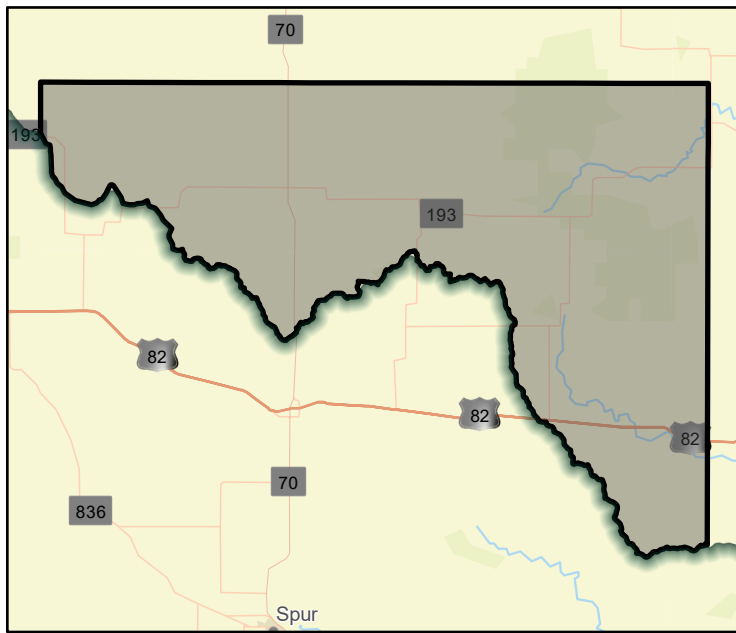
Farm/Ranch land impacted (acres) 23,267 Roadway(s) impacted (length) 15

Number of low water crossings 1 Historical road closures 1

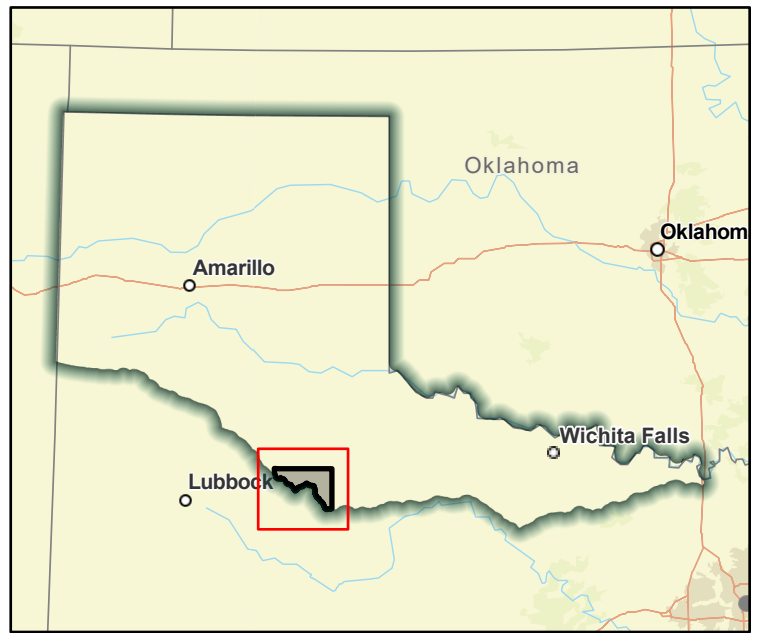
Estimated Cost and Funding Availability

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

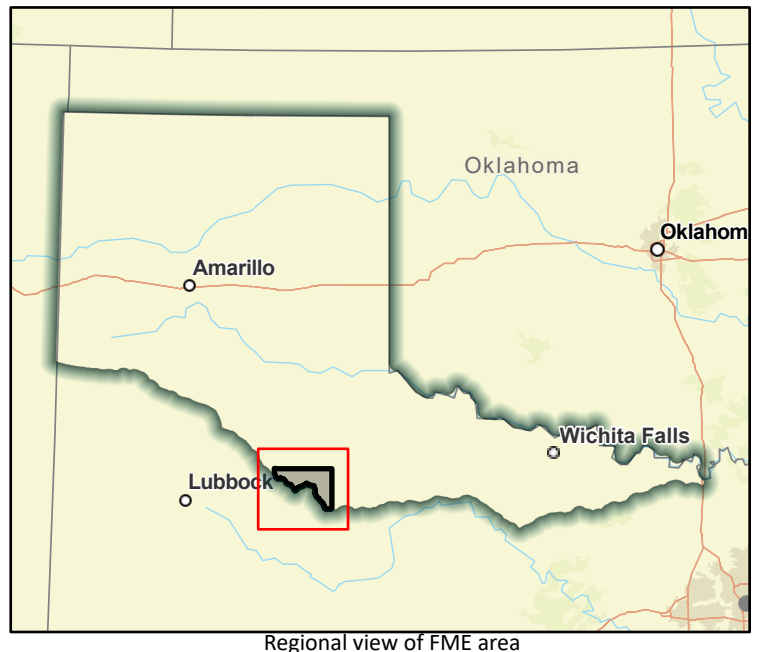
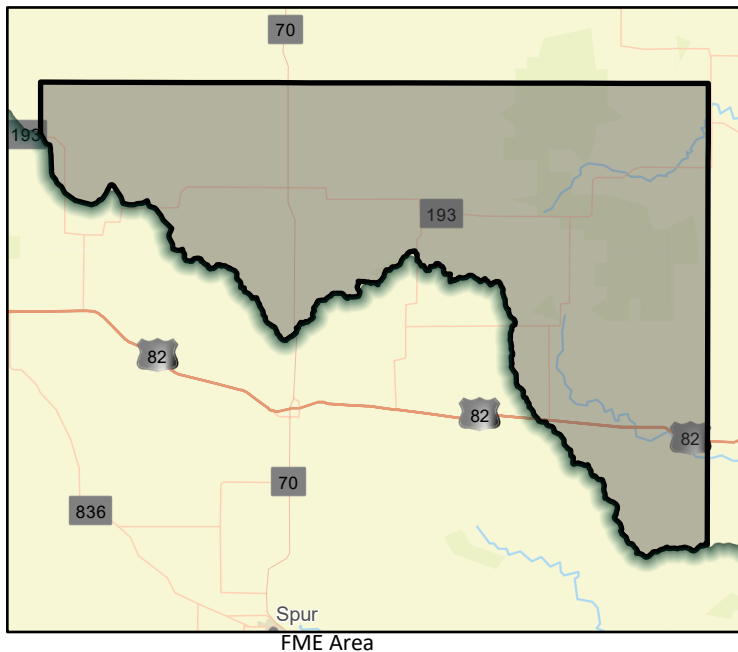
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? No
 County Dickens Watershed HUC# (if known) 111301040202, 111301040203, 111301040206, 111301040207,
 Drainage area (Square miles, est.) 331 Goal(s) 01000001, 01000002, 01000005, 01000006

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 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**

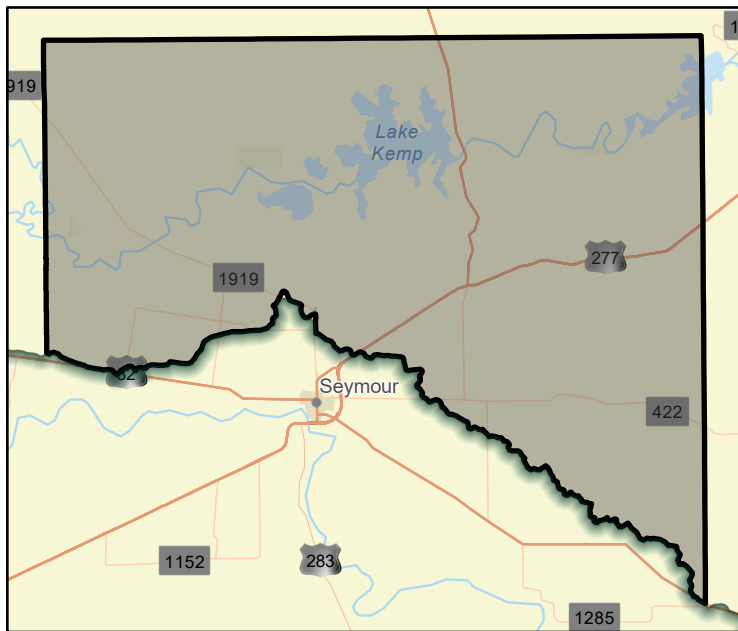
Farm/Ranch land impacted (acres) **45,084** Roadway(s) impacted (length) **4**

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

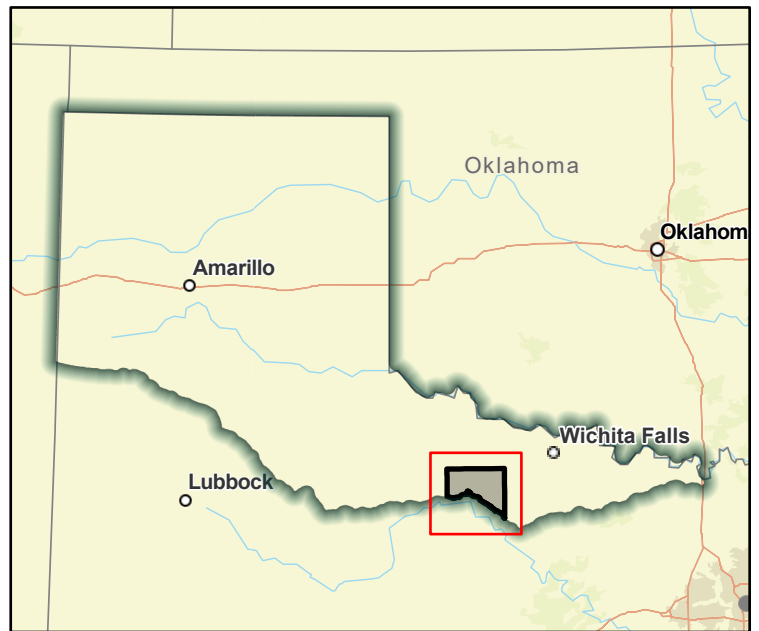
Estimated Cost and Funding Availability

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 **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**

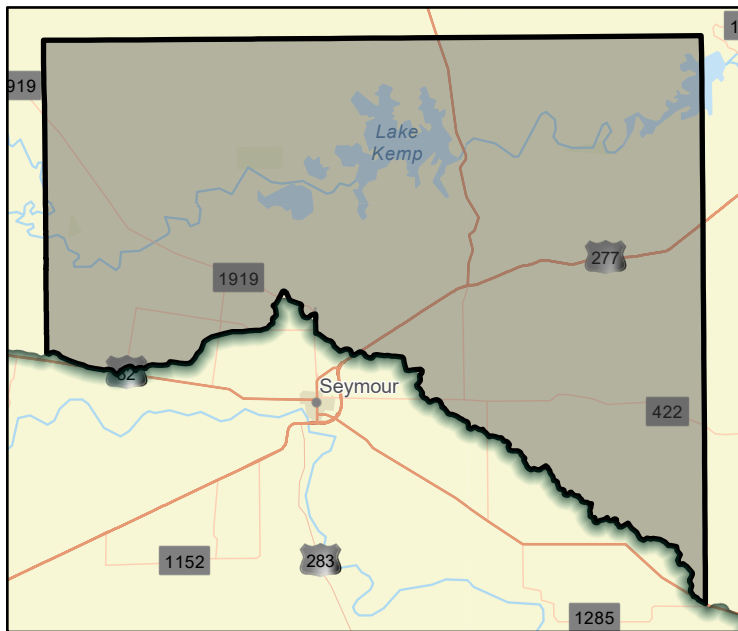
Farm/Ranch land impacted (acres) **45,084** Roadway(s) impacted (length) **4**

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

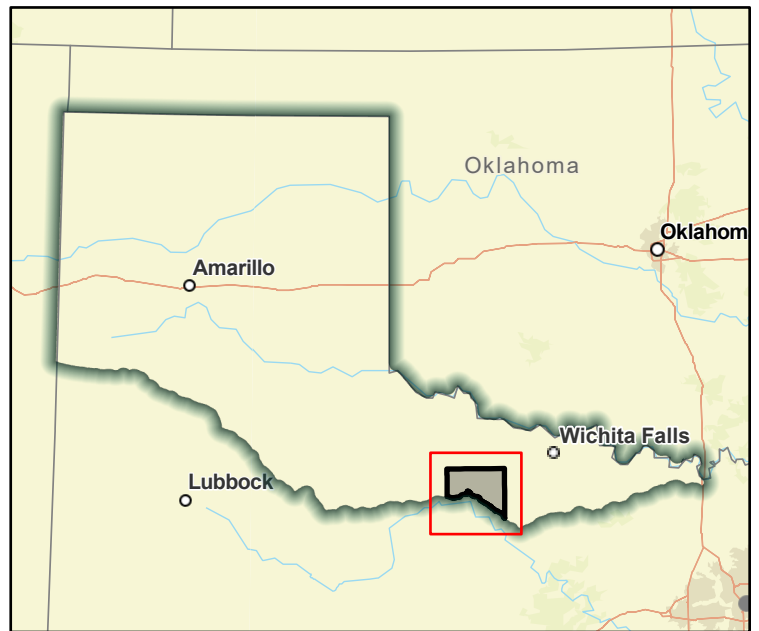
Estimated Cost and Funding Availability

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 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 262 # 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 -



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 54 # of structures 57 Critical facilities 0

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

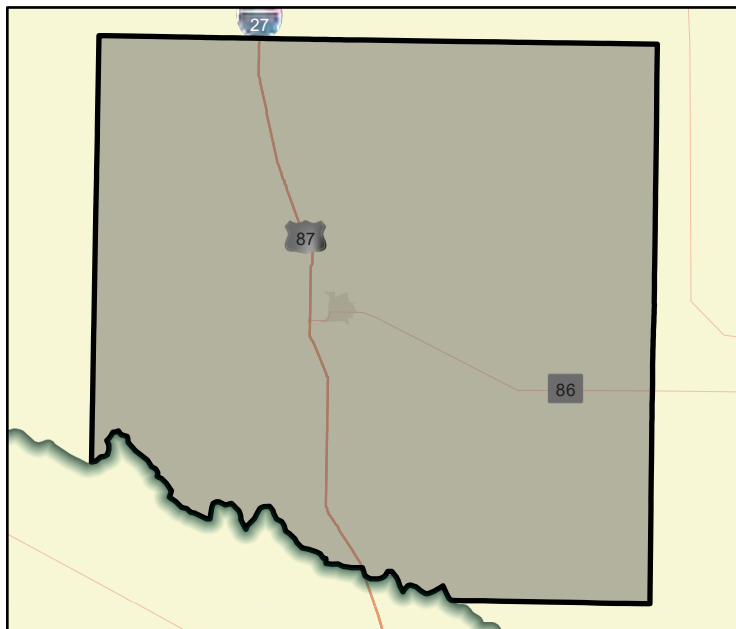
Farm/Ranch land impacted (acres) 40,121 Roadway(s) impacted (length) 204

Number of low water crossings 11 Historical road closures 15

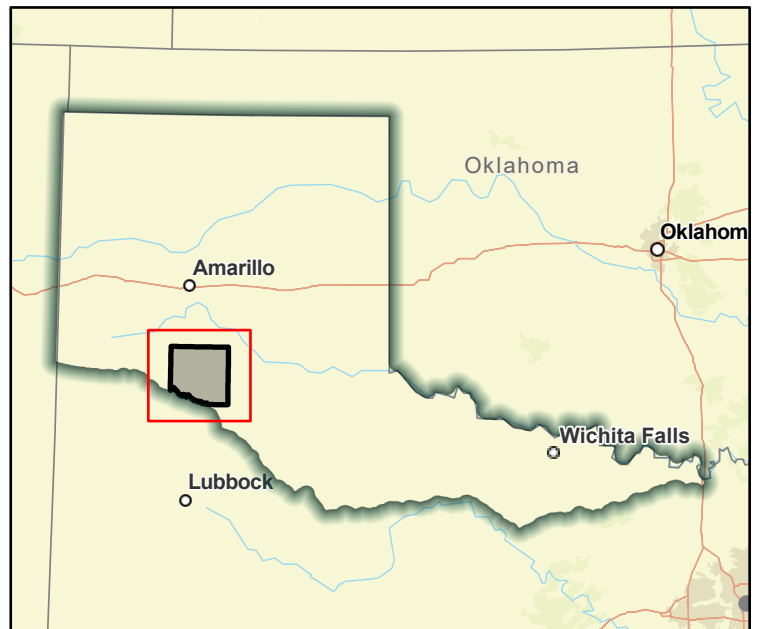
Estimated Cost and Funding Availability

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 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 54 # 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

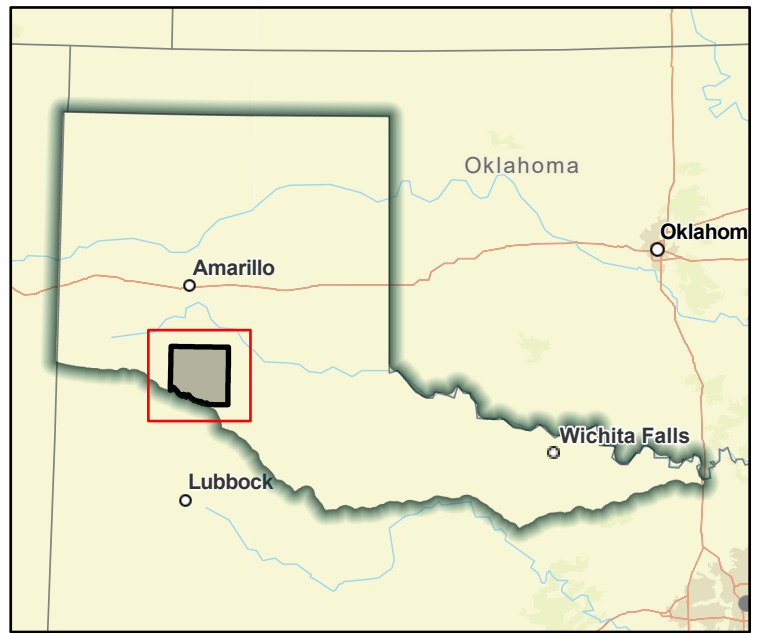
Estimated Cost and Funding Availability

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 **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 **29** # of structures **44** Critical facilities **0**

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

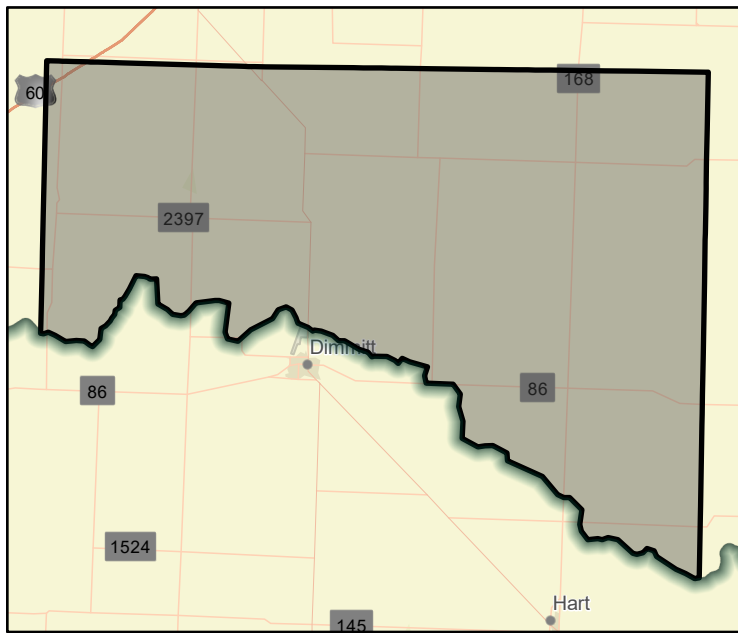
Farm/Ranch land impacted (acres) **19,990** Roadway(s) impacted (length) **74**

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

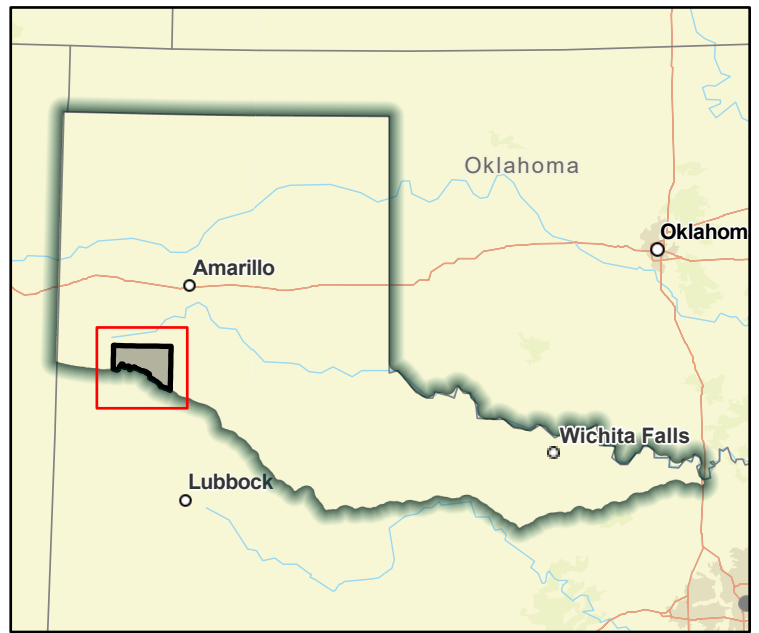
Estimated Cost and Funding Availability

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 **178** # of structures **86** Critical facilities **0**

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

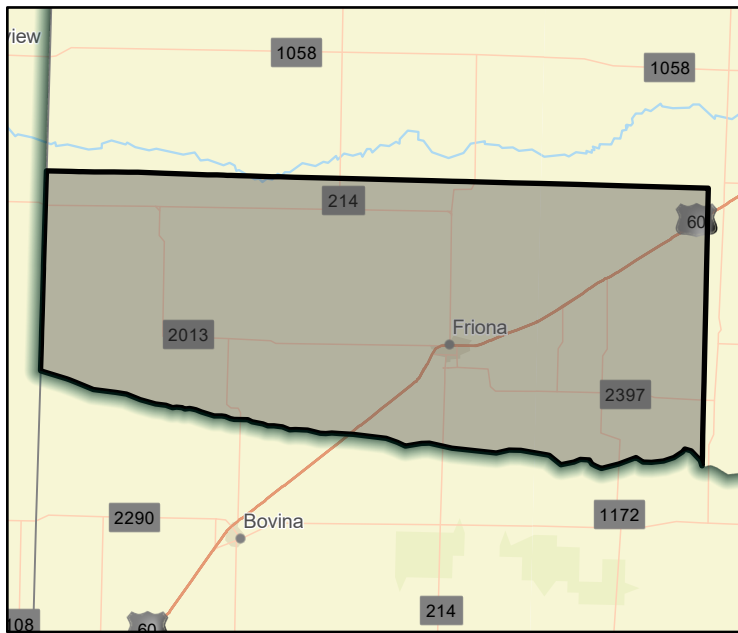
Farm/Ranch land impacted (acres) **13,564** Roadway(s) impacted (length) **66**

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

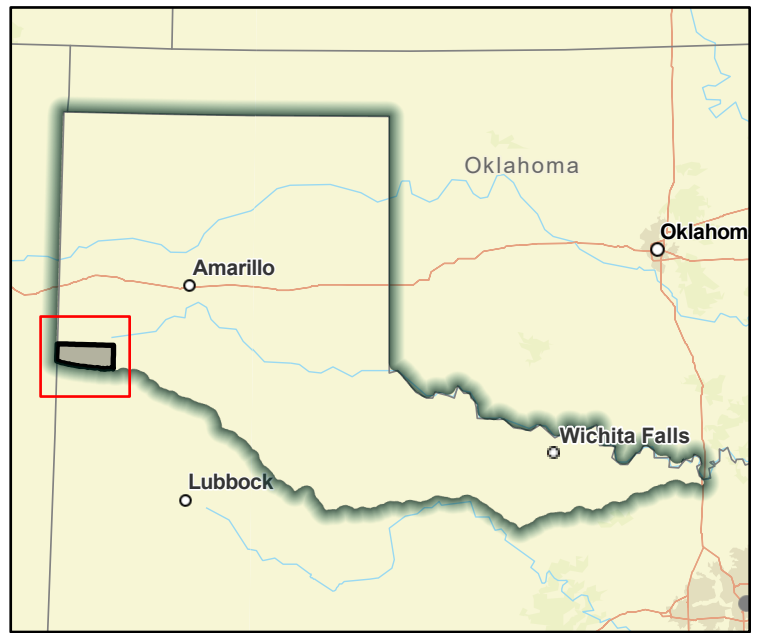
Estimated Cost and Funding Availability

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 **41,795** # 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

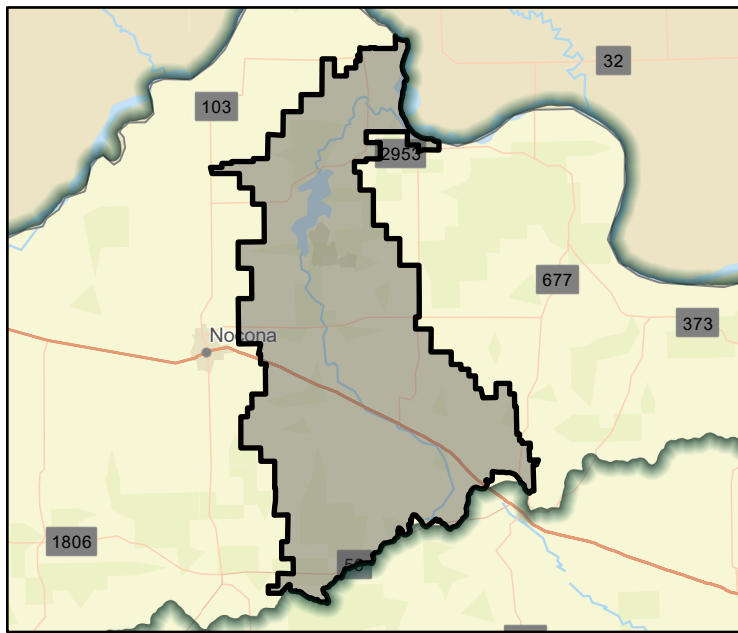
Farm/Ranch land impacted (acres) 9,502 Roadway(s) impacted (length) 8

Number of low water crossings 14 Historical road closures 34

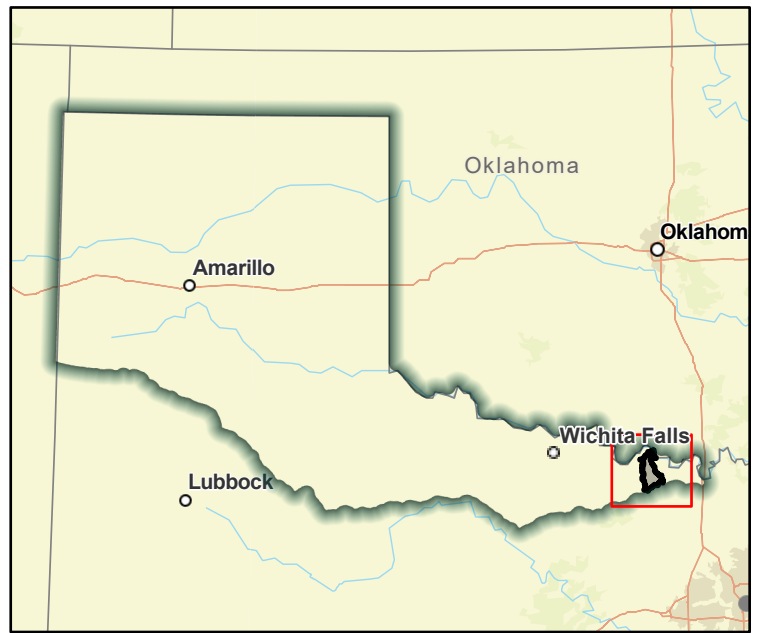
Estimated Cost and Funding Availability

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**

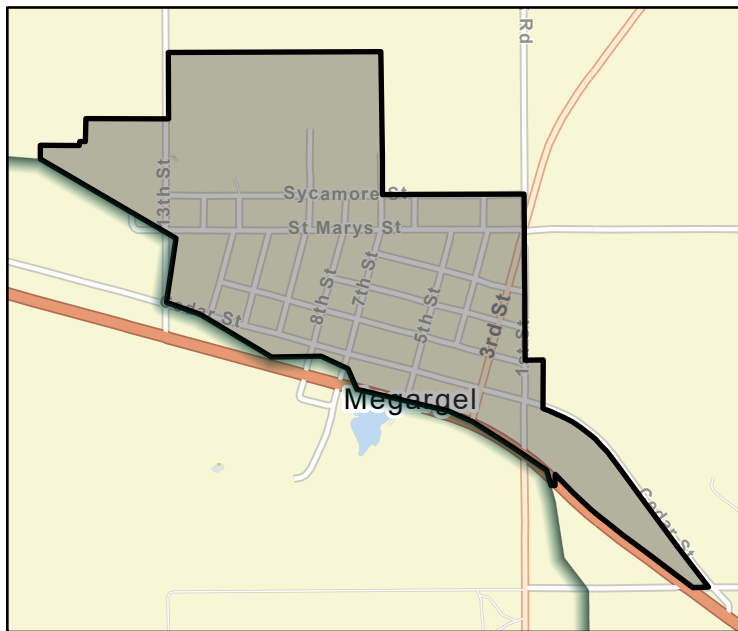
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

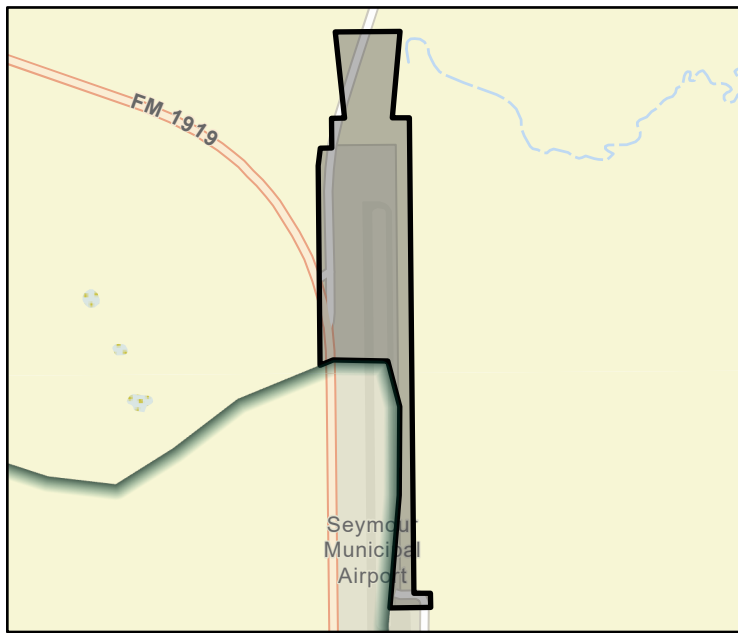
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

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

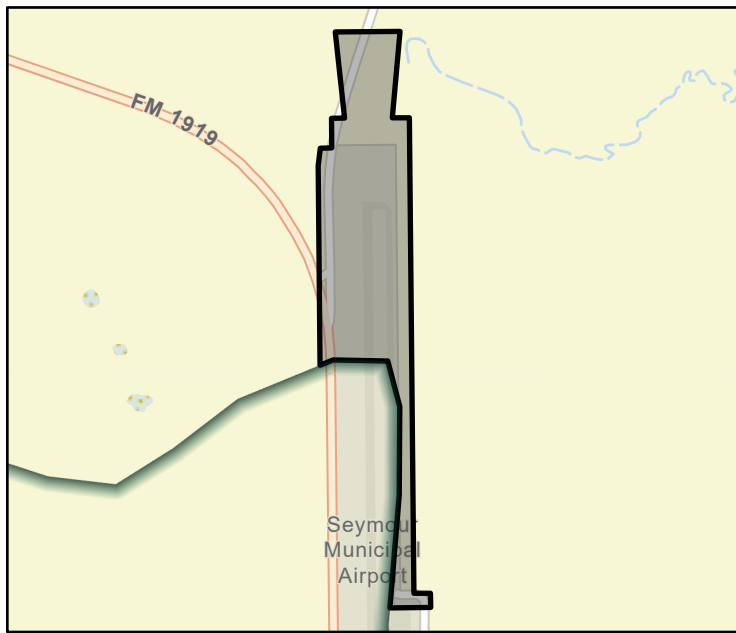
100-Year Flood Risk Summary

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 **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 **15,949** # of structures **3,986** Critical facilities **72**

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

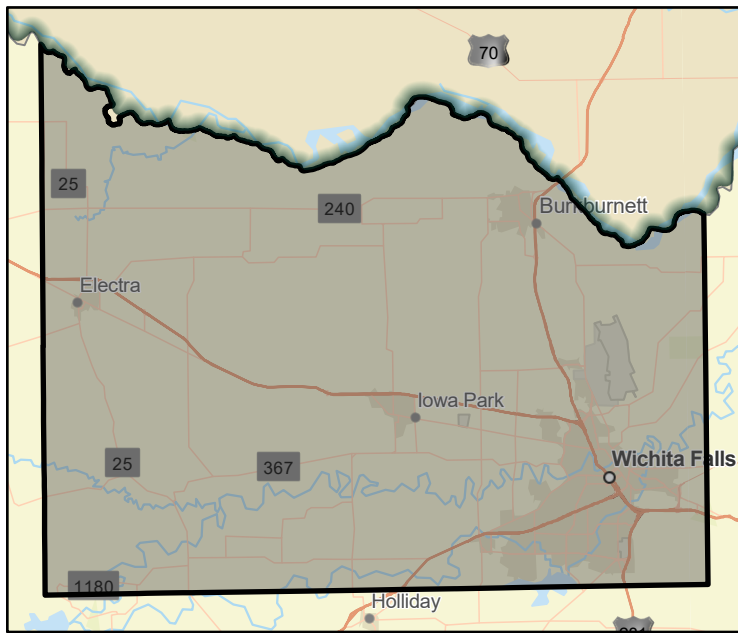
Farm/Ranch land impacted (acres) **49,700** Roadway(s) impacted (length) **193**

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

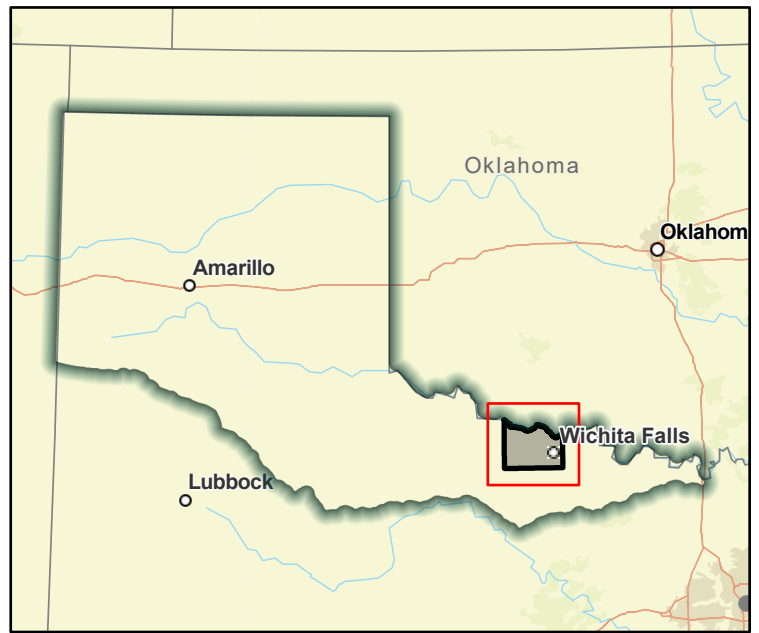
Estimated Cost and Funding Availability

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 **15,949** # of structures **3,986** Critical facilities **72**

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

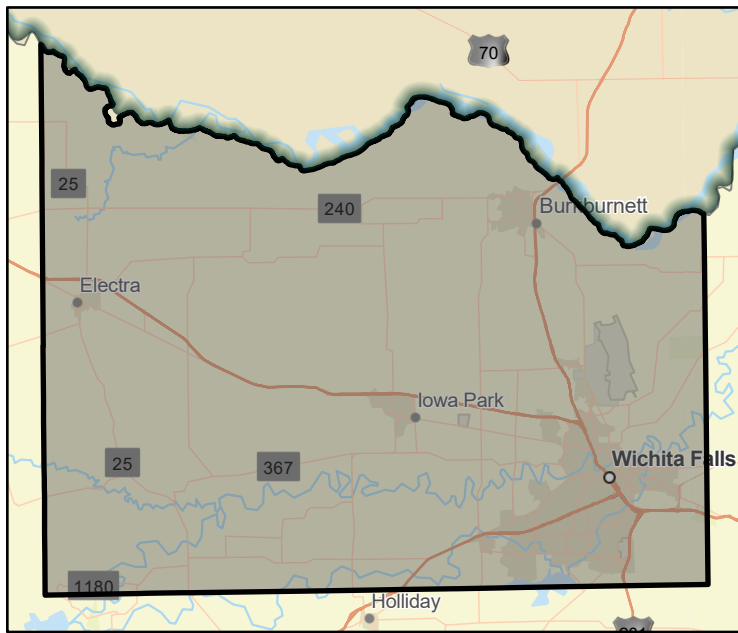
Farm/Ranch land impacted (acres) **49,700** Roadway(s) impacted (length) **193**

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

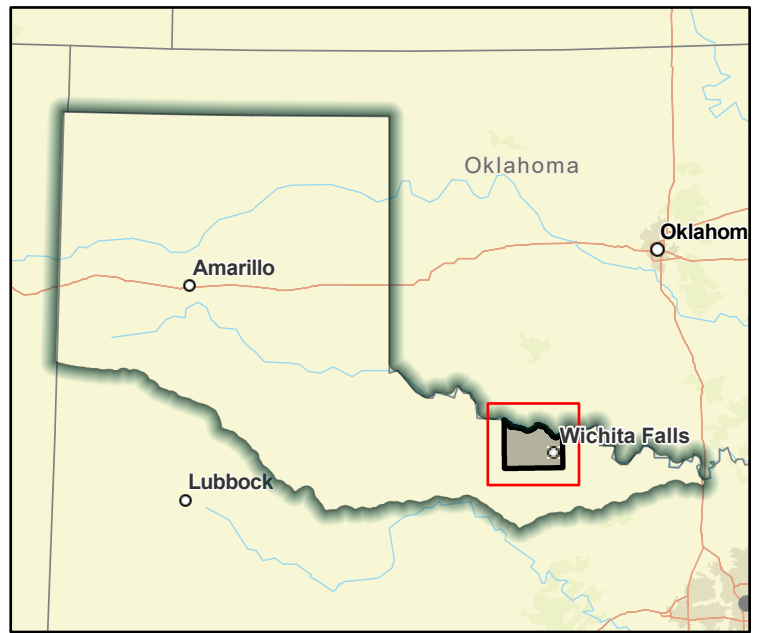
Estimated Cost and Funding Availability

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 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 14 # of structures 23 Critical facilities 0

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

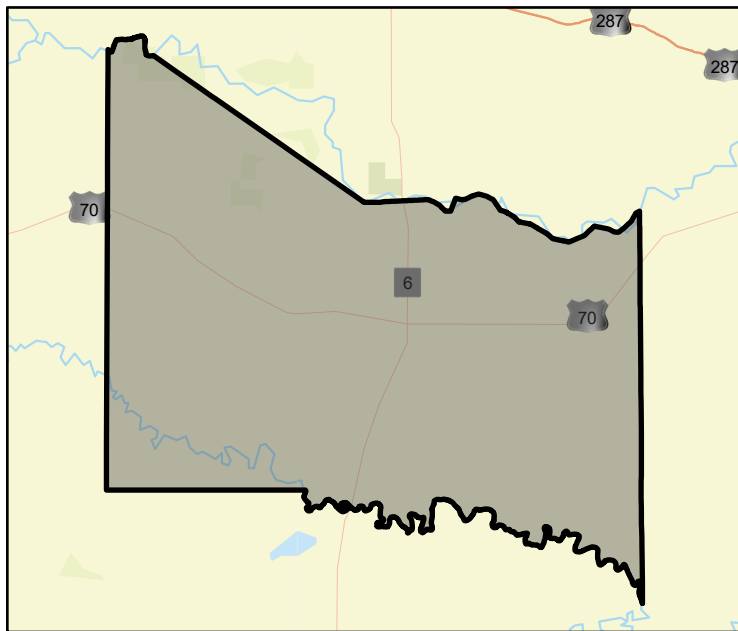
Farm/Ranch land impacted (acres) 58,148 Roadway(s) impacted (length) 36

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**

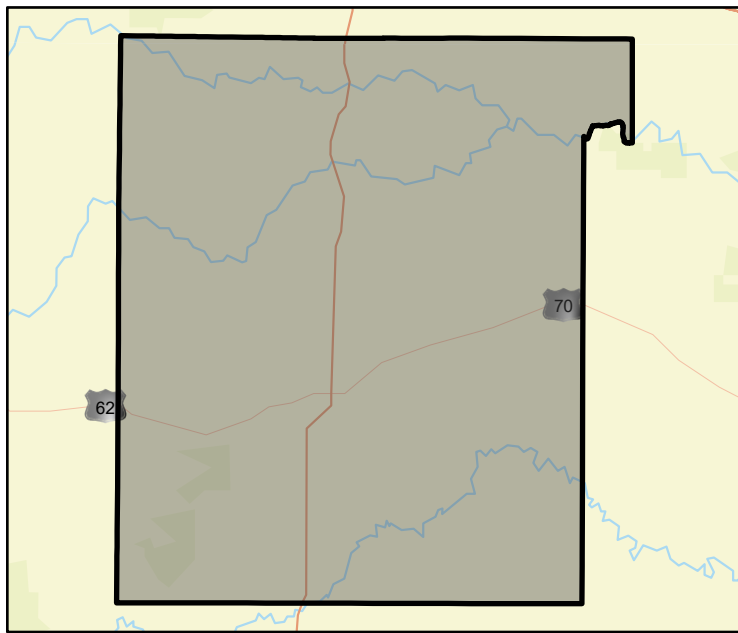
Farm/Ranch land impacted (acres) **71,381** Roadway(s) impacted (length) **33**

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 **156** # 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**

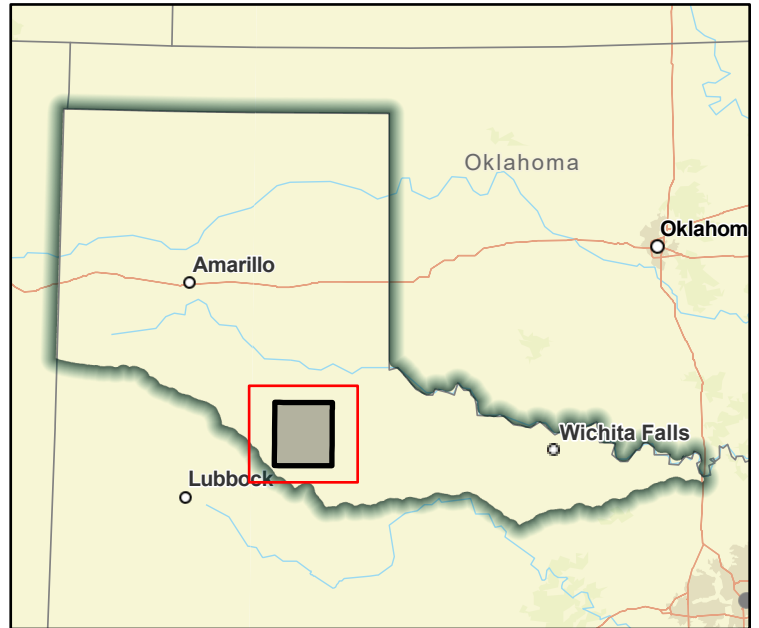
Estimated Cost and Funding Availability

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 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 **583** # of structures **132** Critical facilities **2**

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

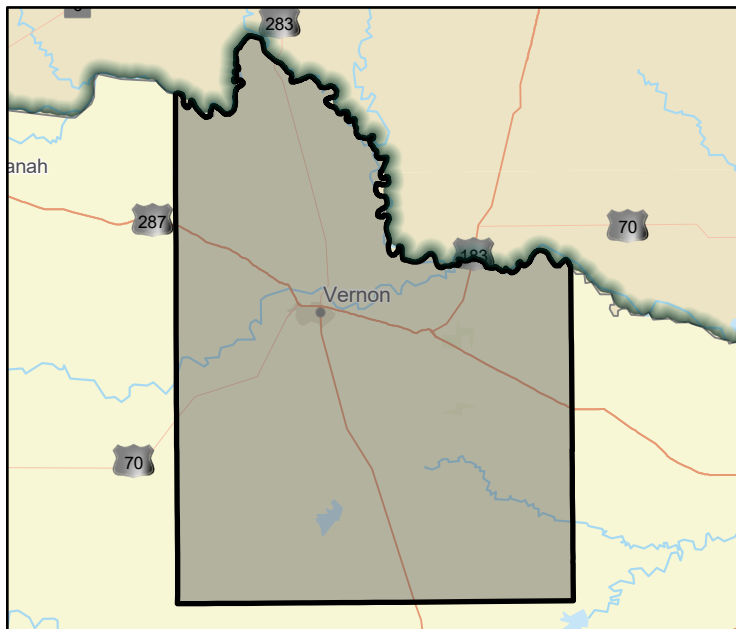
Farm/Ranch land impacted (acres) **101,721** Roadway(s) impacted (length) **88**

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

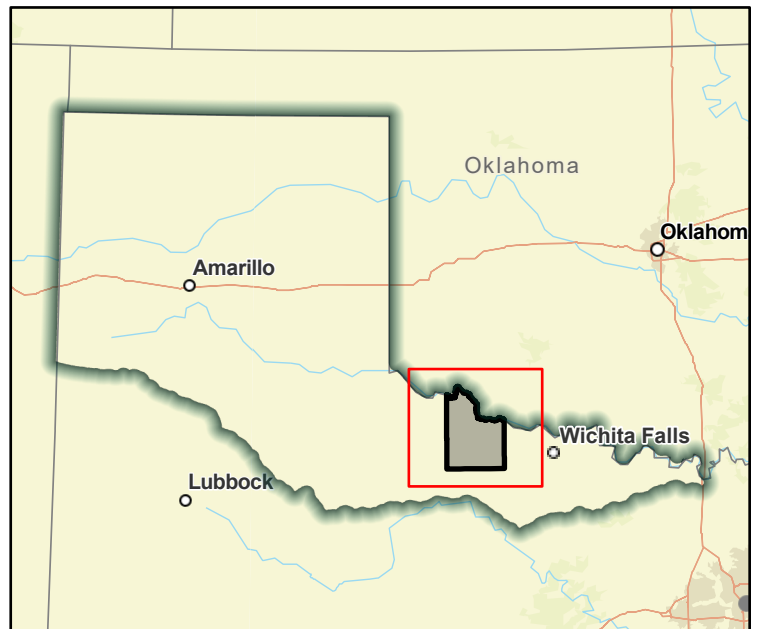
Estimated Cost and Funding Availability

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 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 583 # of structures 132 Critical facilities 2

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

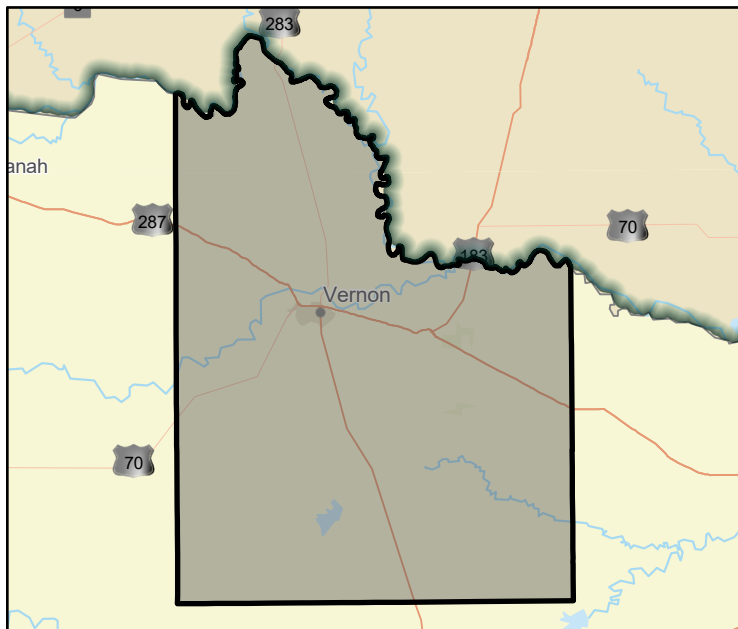
Farm/Ranch land impacted (acres) 101,721 Roadway(s) impacted (length) 88

Number of low water crossings 39 Historical road closures 45

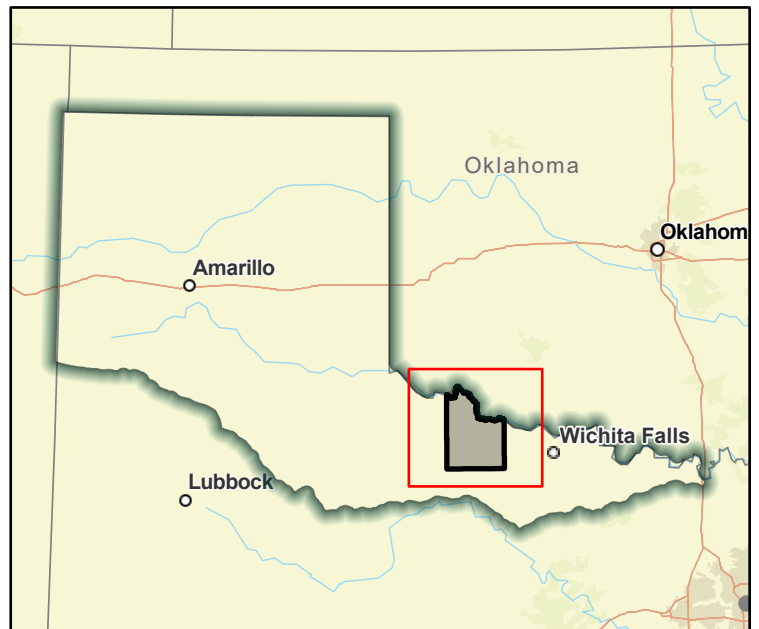
Estimated Cost and Funding Availability

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 **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 **157** # of structures **43** Critical facilities **0**

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

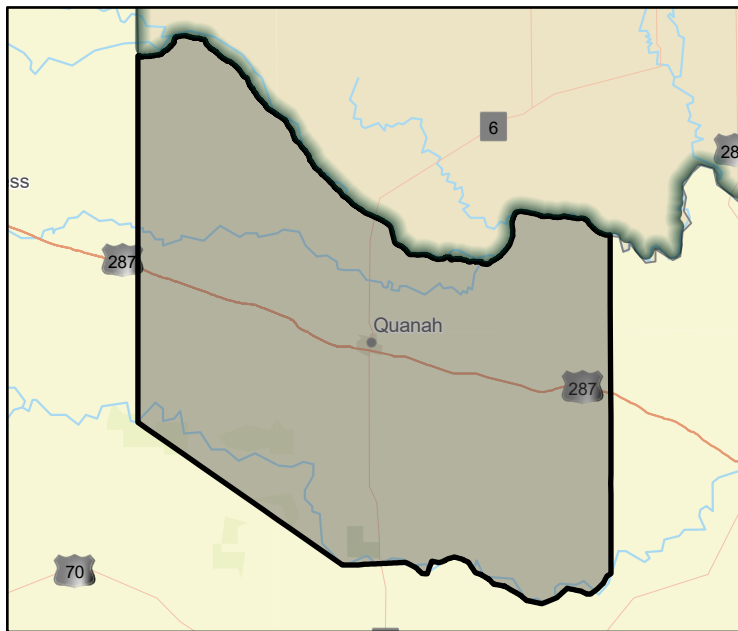
Farm/Ranch land impacted (acres) **59,007** Roadway(s) impacted (length) **54**

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

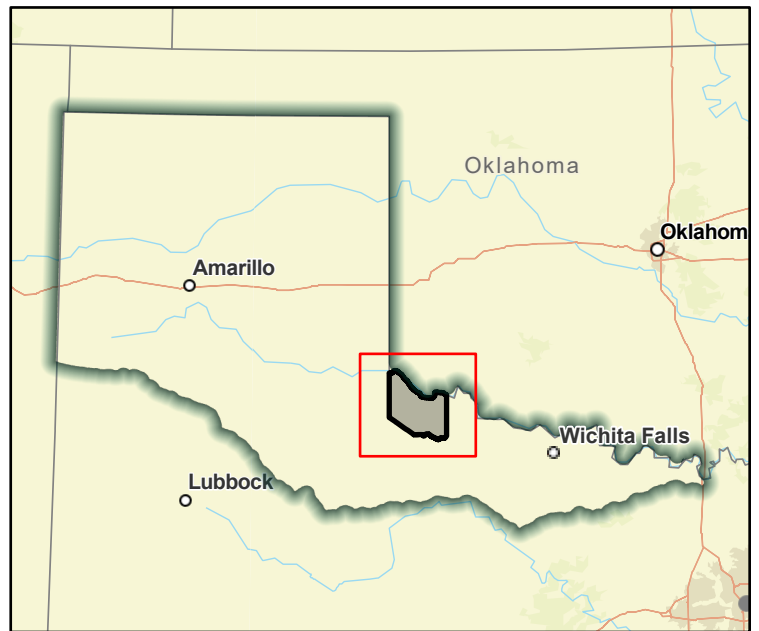
Estimated Cost and Funding Availability

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 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 270 # of structures 87 Critical facilities 4

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

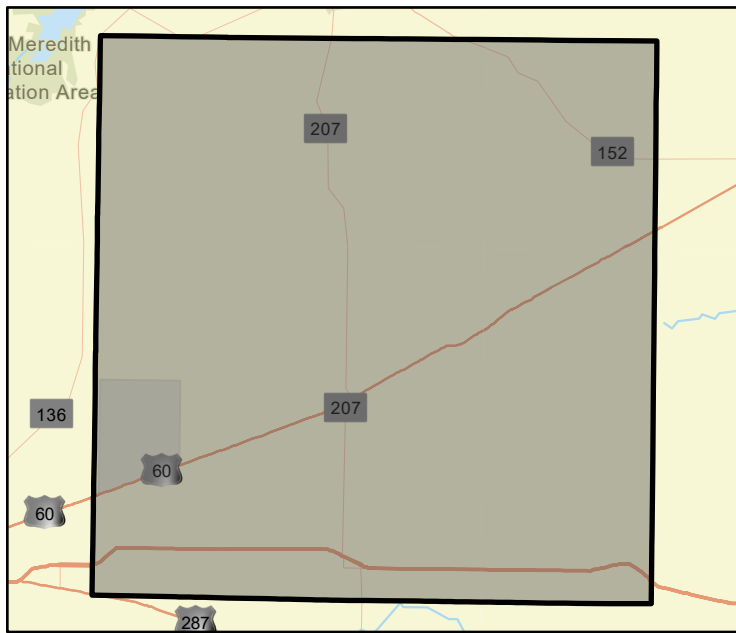
Farm/Ranch land impacted (acres) 43,318 Roadway(s) impacted (length) 36

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 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 270 # of structures 87 Critical facilities 4

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

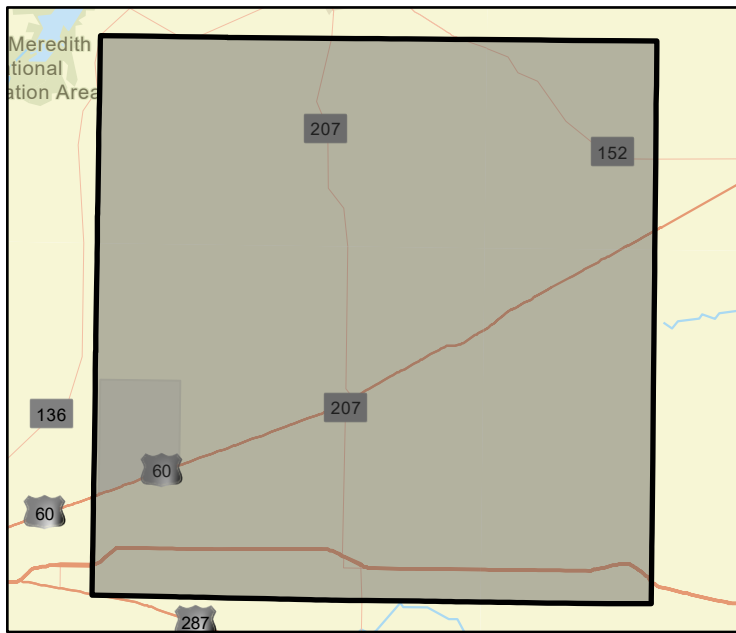
Farm/Ranch land impacted (acres) 43,318 Roadway(s) impacted (length) 36

Number of low water crossings 10 Historical road closures 12

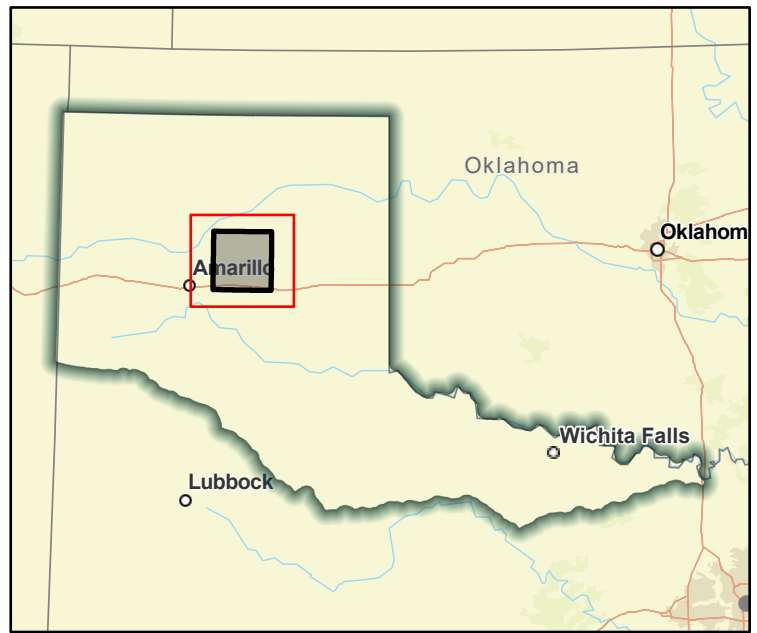
Estimated Cost and Funding Availability

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 **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 **8,889** # of structures **1,083** Critical facilities **13**

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

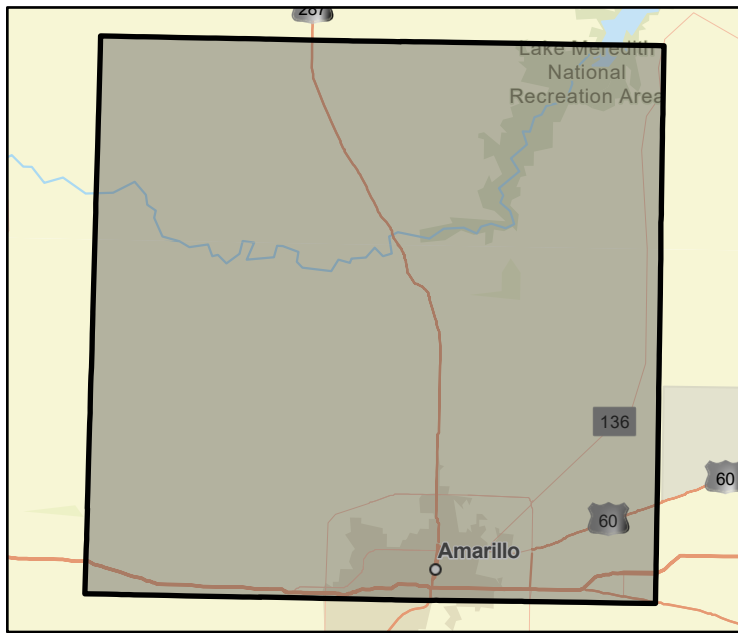
Farm/Ranch land impacted (acres) **53,184** Roadway(s) impacted (length) **79**

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

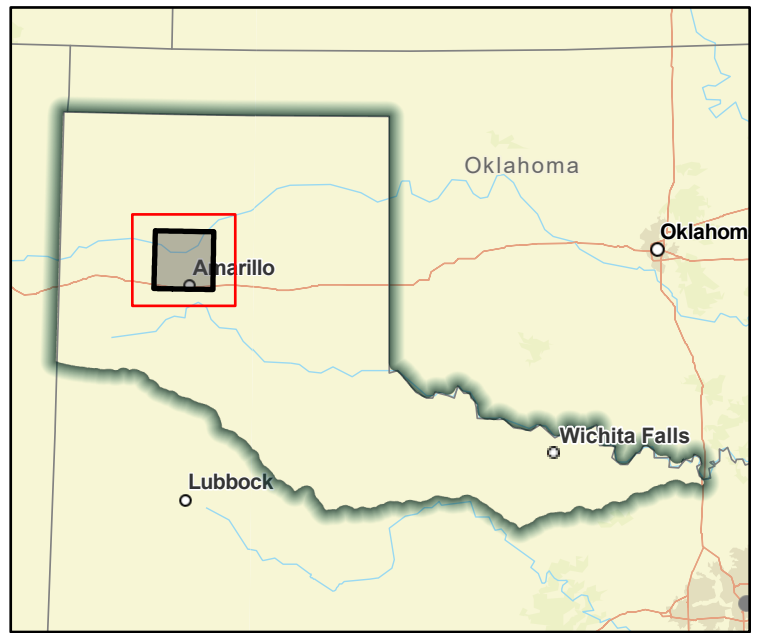
Estimated Cost and Funding Availability

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 **8,889** # of structures **1,083** Critical facilities **13**

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

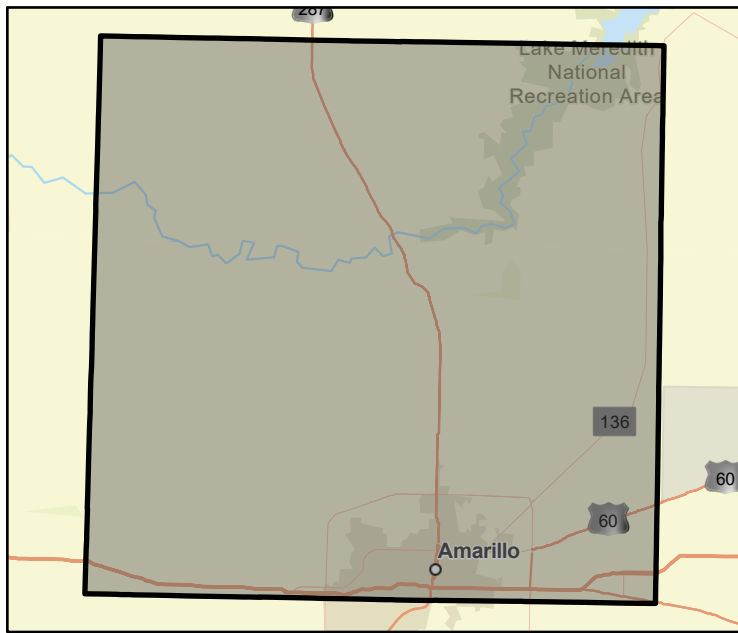
Farm/Ranch land impacted (acres) **53,184** Roadway(s) impacted (length) **79**

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

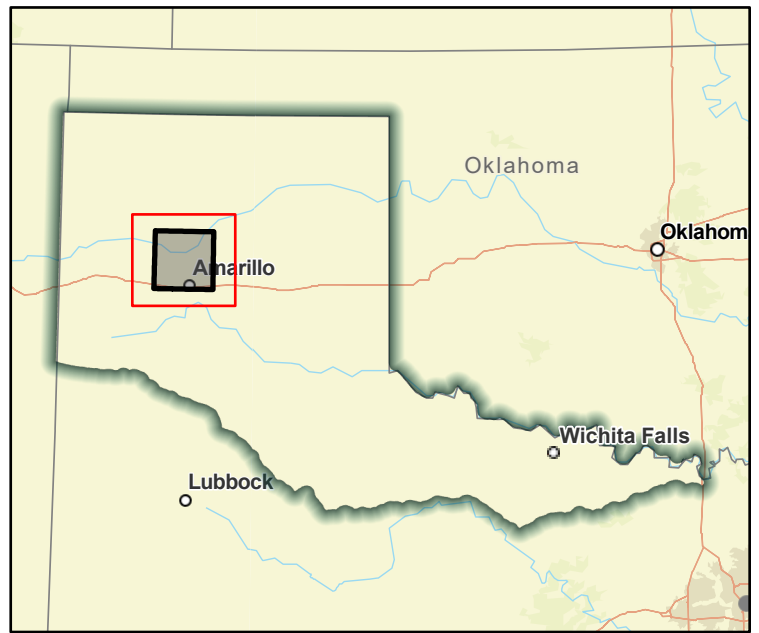
Estimated Cost and Funding Availability

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 **8,889** # 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**

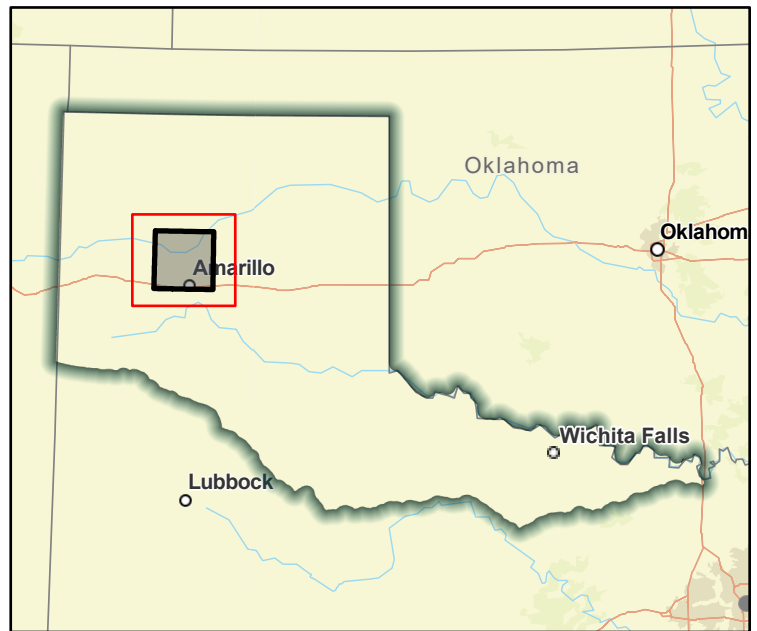
Estimated Cost and Funding Availability

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 **57** # of structures **25** Critical facilities **1**

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

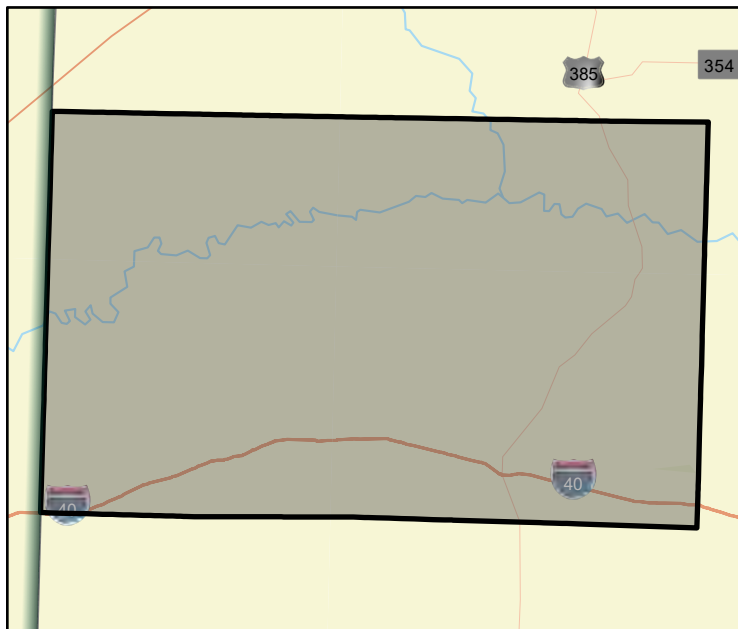
Farm/Ranch land impacted (acres) **95,134** Roadway(s) impacted (length) **9**

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

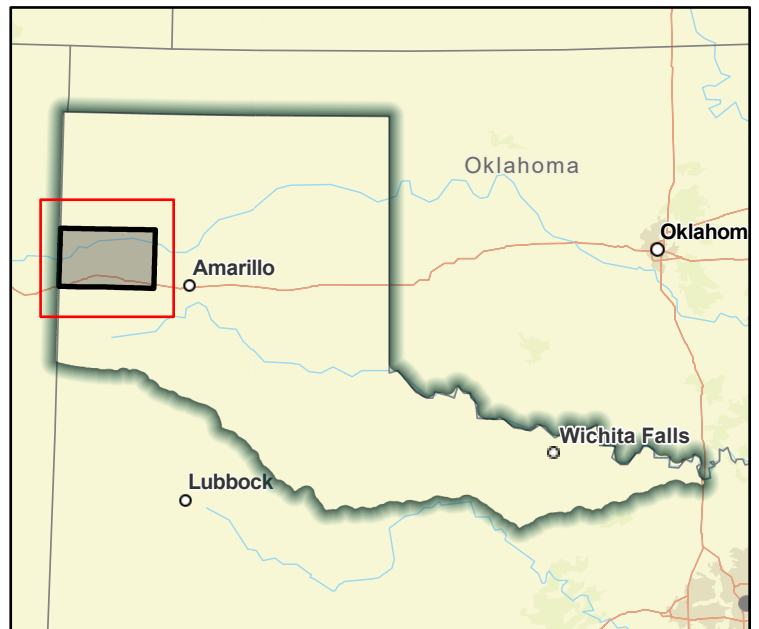
Estimated Cost and Funding Availability

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 **100** # of structures **101** Critical facilities **0**

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

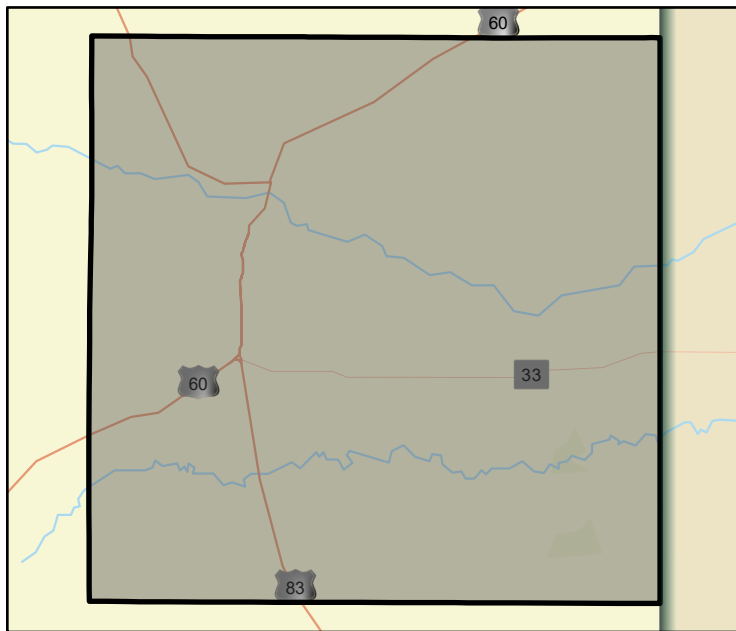
Farm/Ranch land impacted (acres) **77,405** Roadway(s) impacted (length) **30**

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

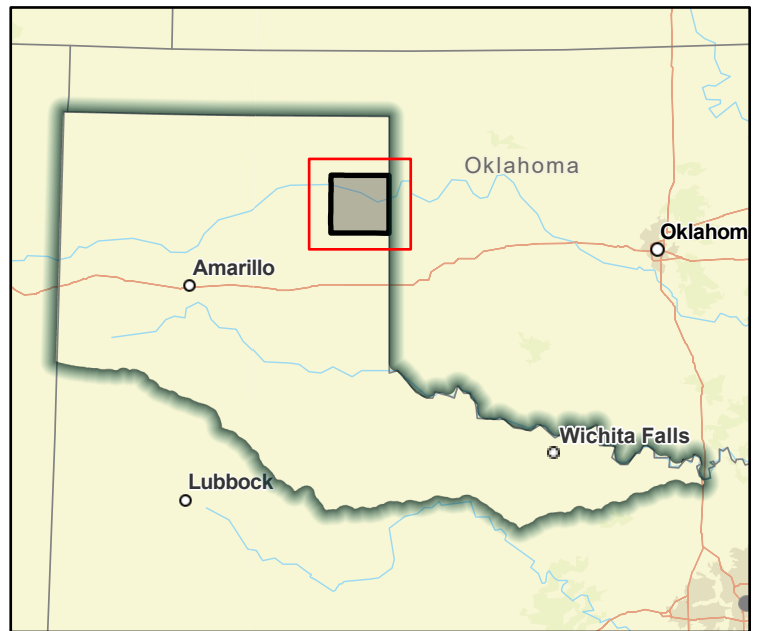
Estimated Cost and Funding Availability

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 60 # 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

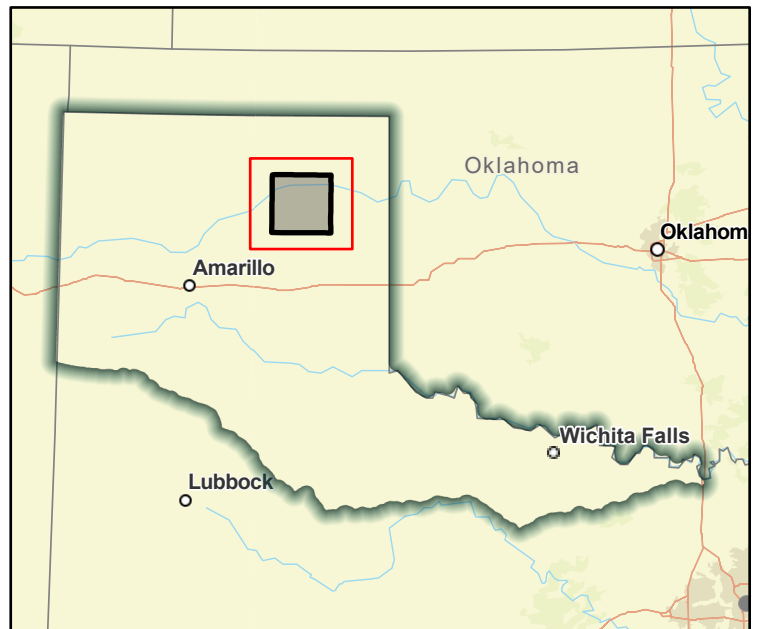
Estimated Cost and Funding Availability

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 60 # 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

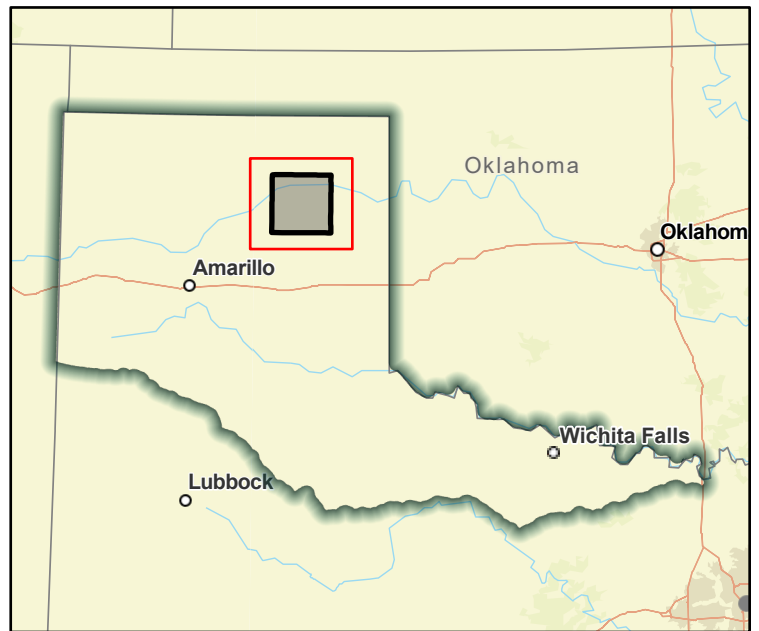
Estimated Cost and Funding Availability

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 925 # of structures 428 Critical facilities 2

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

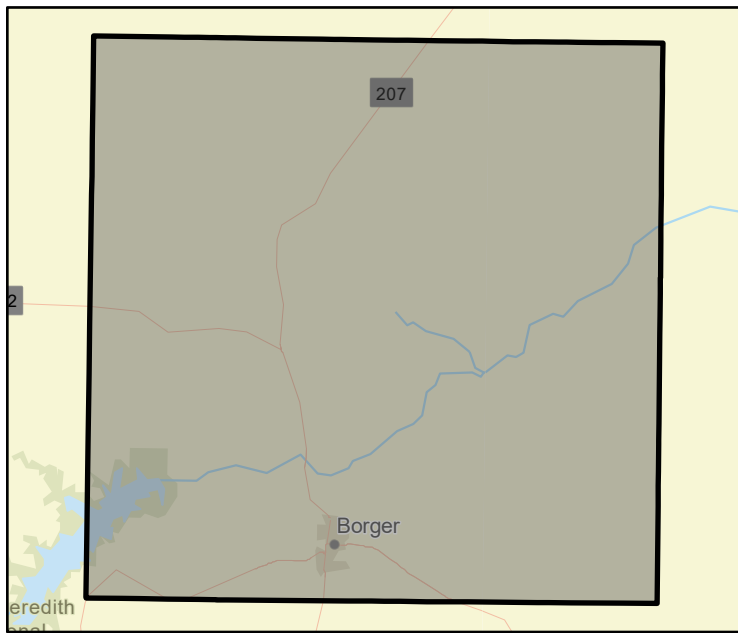
Farm/Ranch land impacted (acres) 70,012 Roadway(s) impacted (length) 30

Number of low water crossings 10 Historical road closures 10

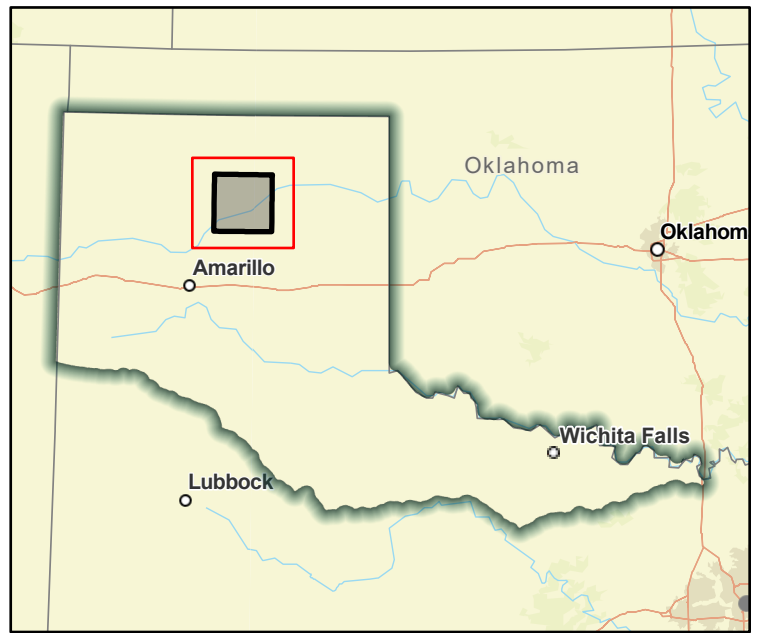
Estimated Cost and Funding Availability

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 925 # 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

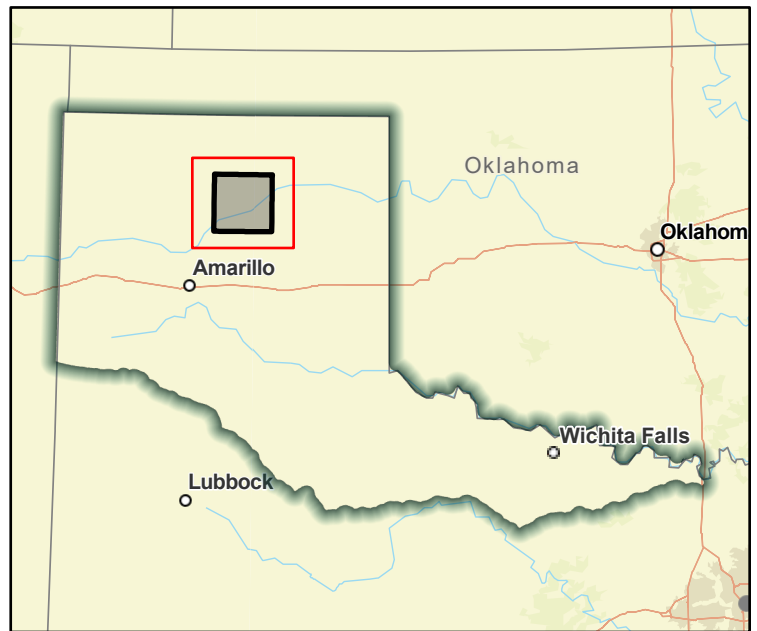
Estimated Cost and Funding Availability

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 326 # of structures 75 Critical facilities 4

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

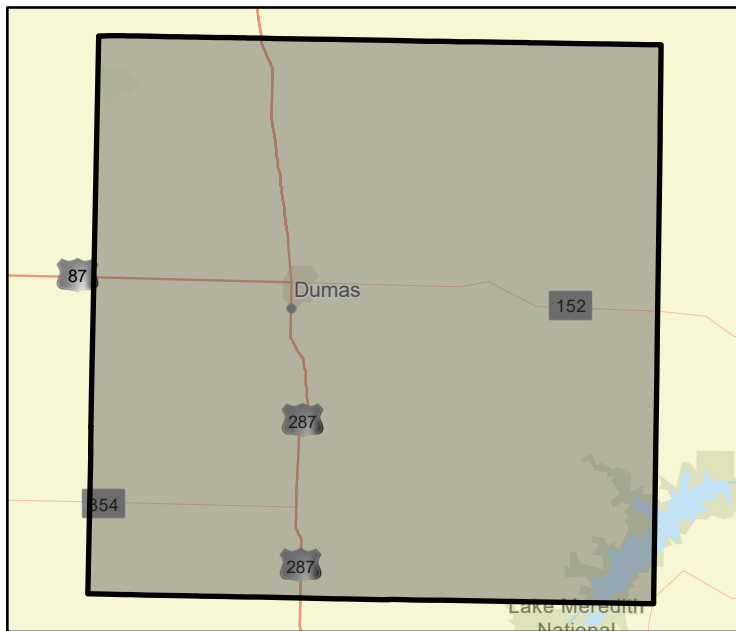
Farm/Ranch land impacted (acres) 38,661 Roadway(s) impacted (length) 29

Number of low water crossings 10 Historical road closures 13

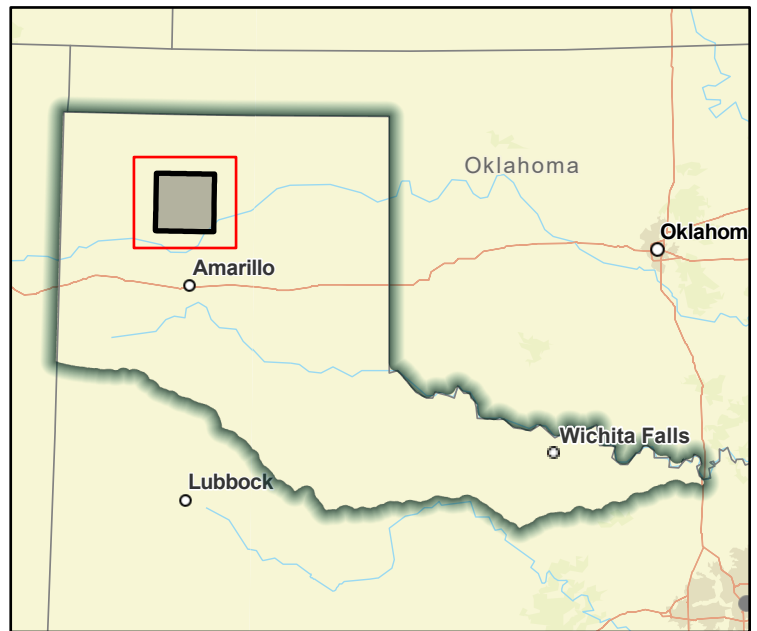
Estimated Cost and Funding Availability

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 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 **281** # of structures **111** Critical facilities **5**

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

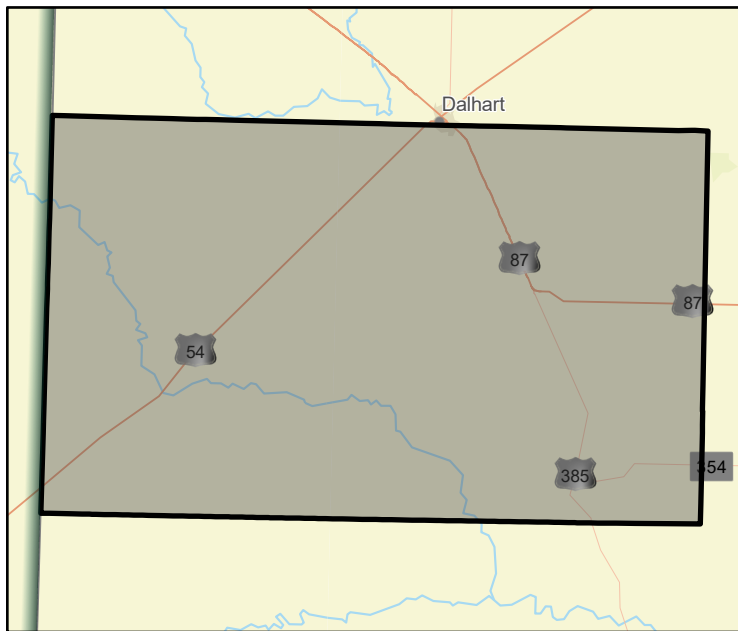
Farm/Ranch land impacted (acres) **91,163** Roadway(s) impacted (length) **83**

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

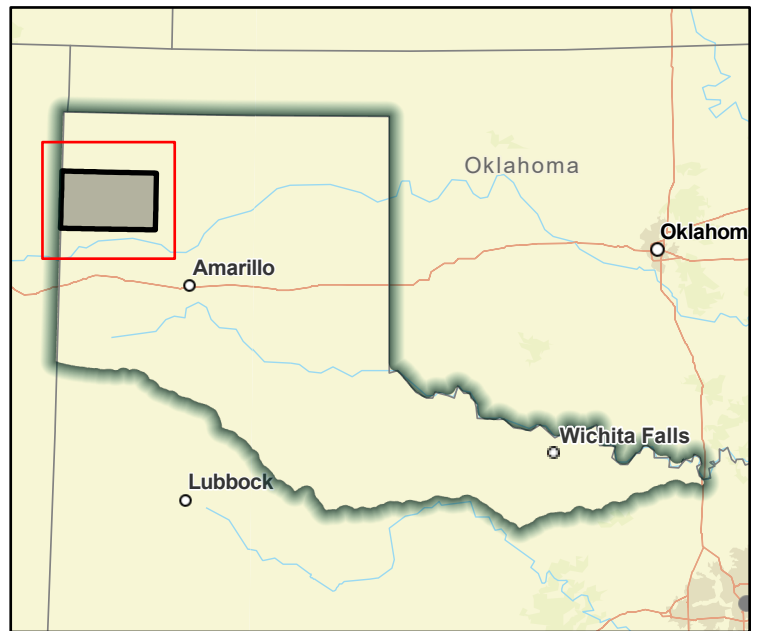
Estimated Cost and Funding Availability

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 **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 **281** # of structures **111** Critical facilities **5**

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

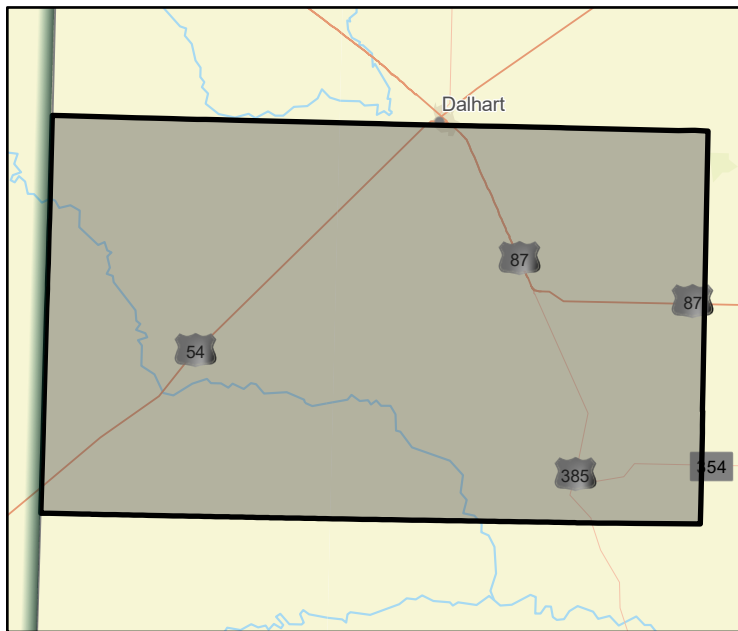
Farm/Ranch land impacted (acres) **91,163** Roadway(s) impacted (length) **83**

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

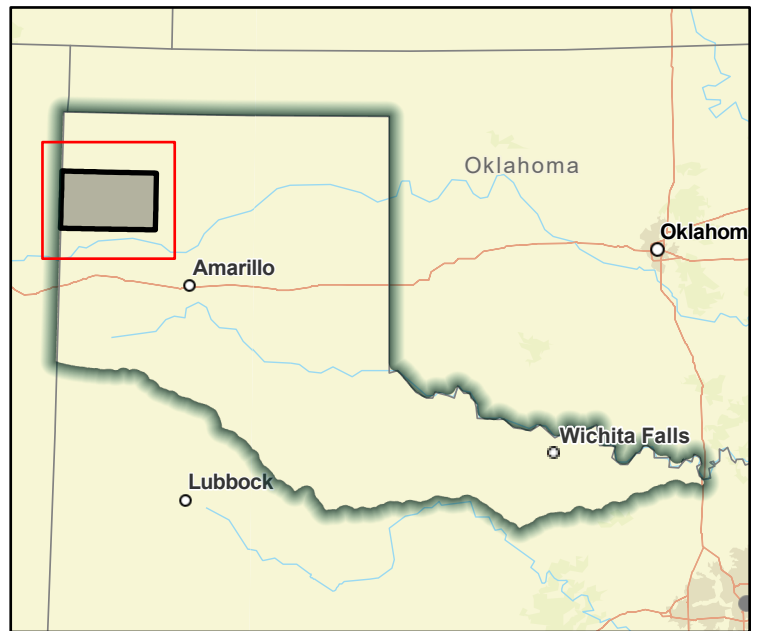
Estimated Cost and Funding Availability

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 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 59 # of structures 47 Critical facilities 1

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

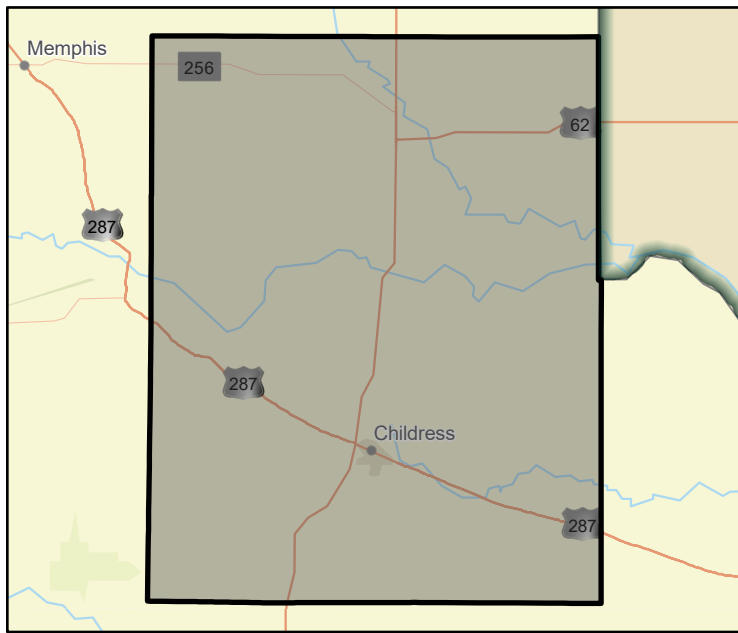
Farm/Ranch land impacted (acres) 65,436 Roadway(s) impacted (length) 52

Number of low water crossings 8 Historical road closures 8

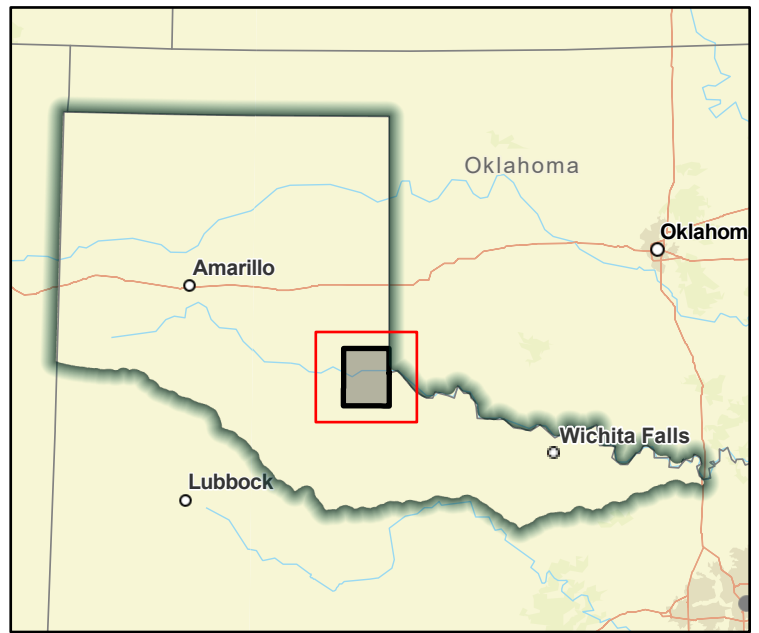
Estimated Cost and Funding Availability

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 59 # of structures 47 Critical facilities 1

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

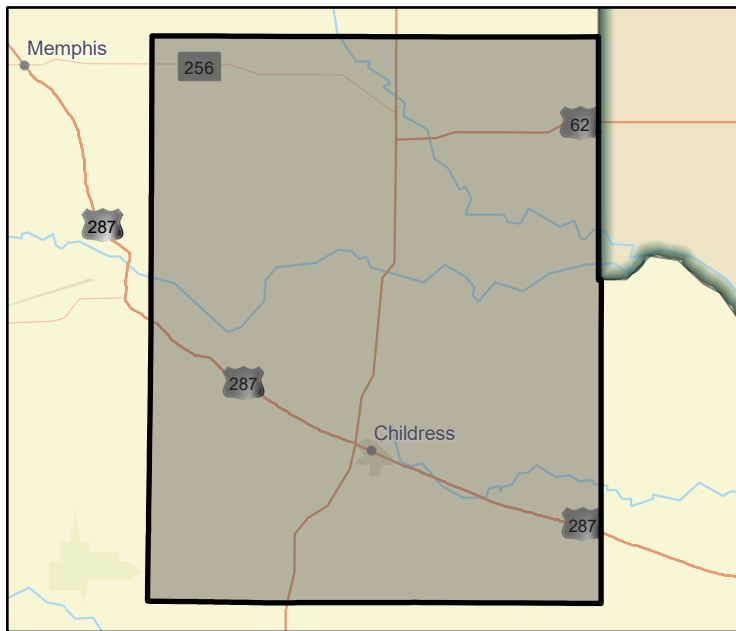
Farm/Ranch land impacted (acres) 65,436 Roadway(s) impacted (length) 52

Number of low water crossings 8 Historical road closures 8

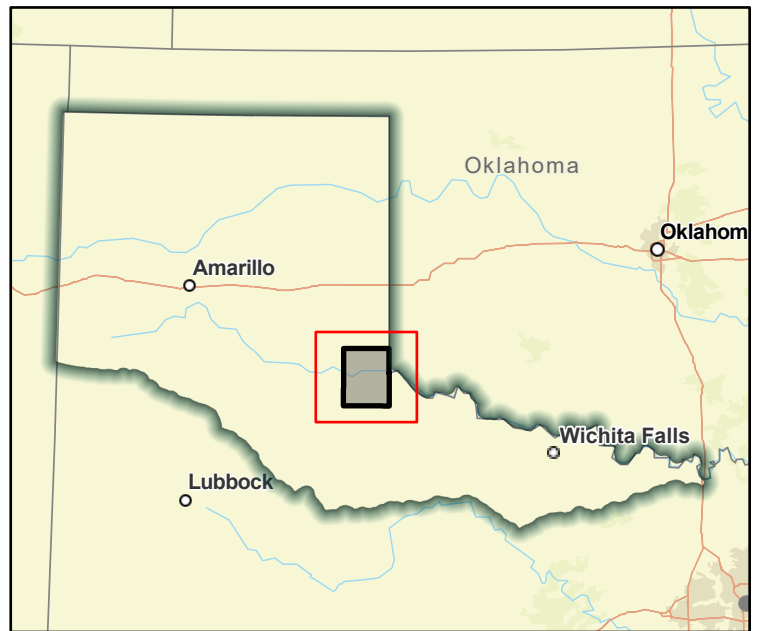
Estimated Cost and Funding Availability

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 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 63 # of structures 66 Critical facilities 5

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

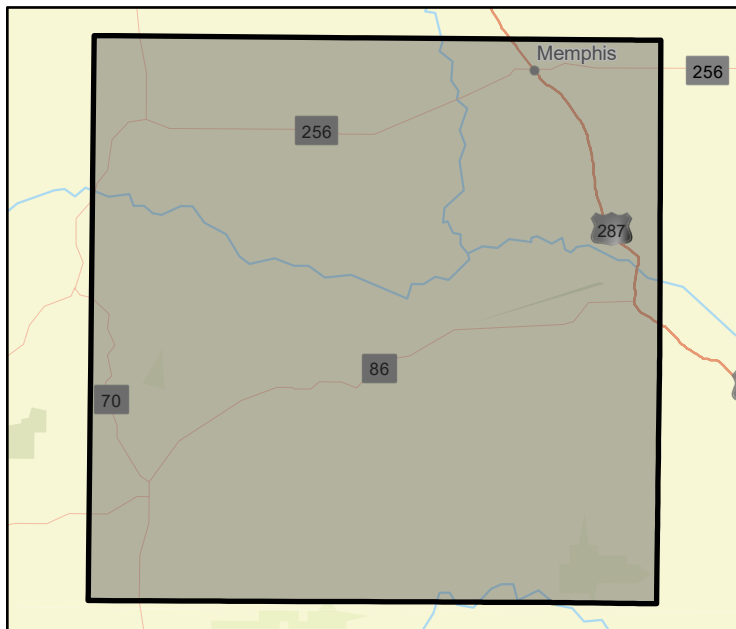
Farm/Ranch land impacted (acres) 90,608 Roadway(s) impacted (length) 74

Number of low water crossings 22 Historical road closures 22

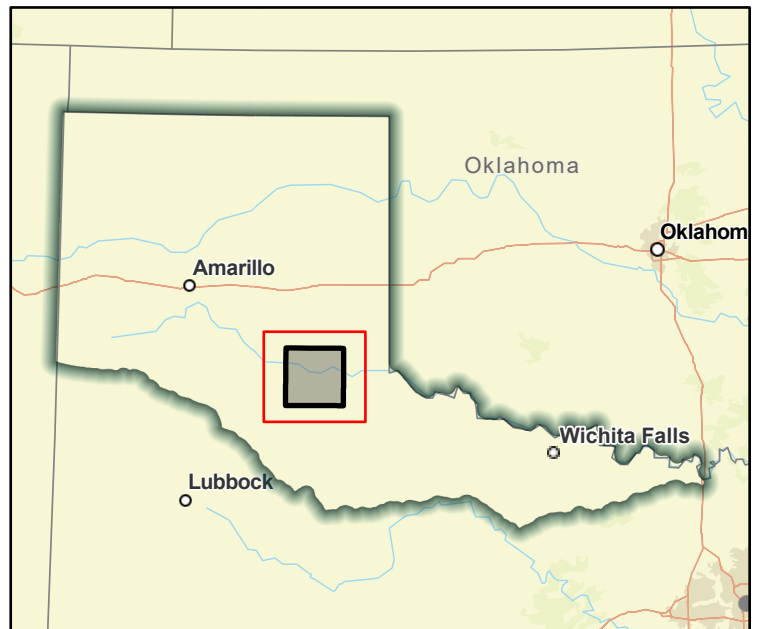
Estimated Cost and Funding Availability

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 **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 **63** # of structures **66** Critical facilities **5**

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

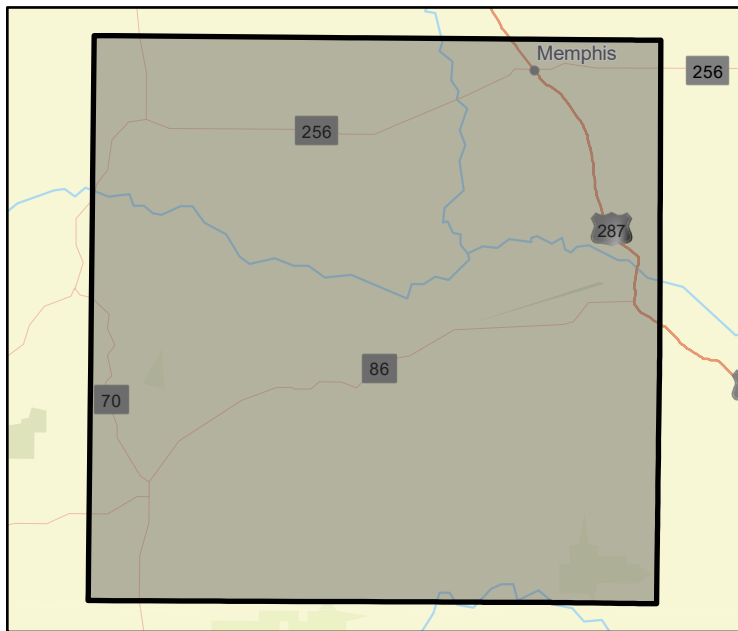
Farm/Ranch land impacted (acres) **90,608** Roadway(s) impacted (length) **74**

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

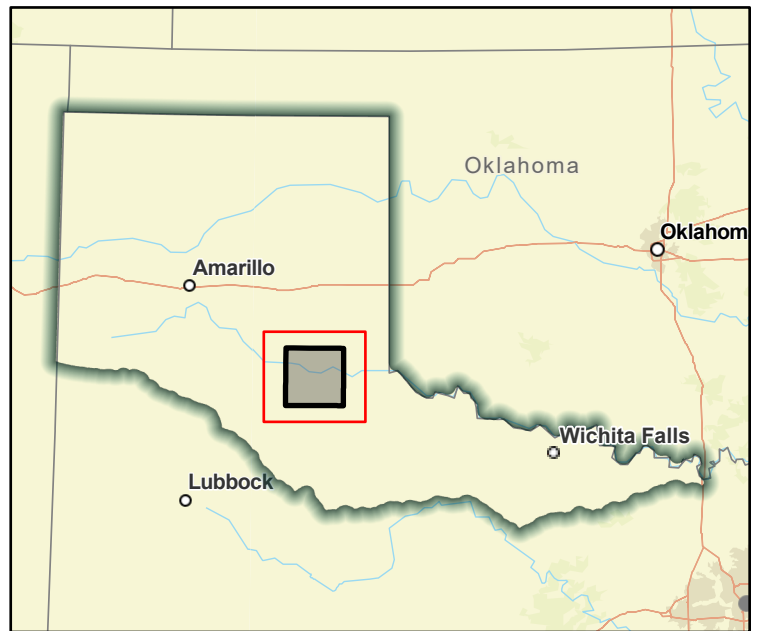
Estimated Cost and Funding Availability

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 **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**

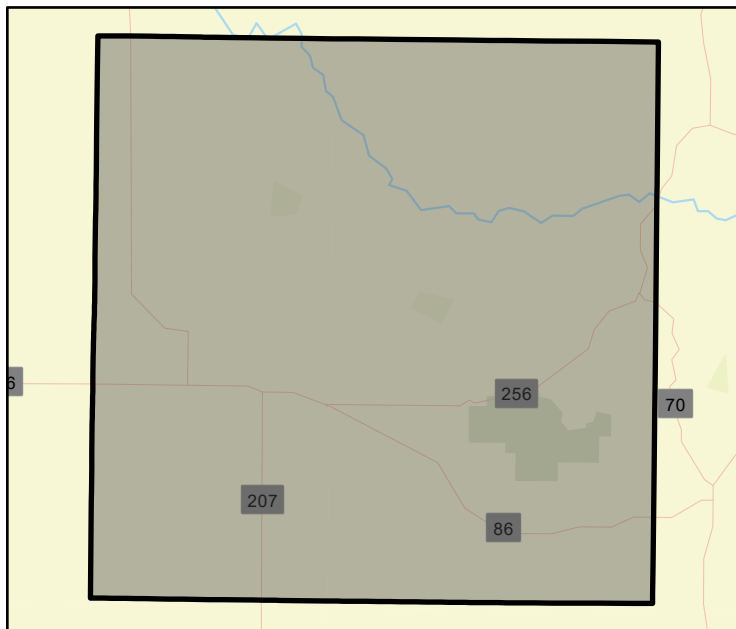
Farm/Ranch land impacted (acres) **64,354** Roadway(s) impacted (length) **45**

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

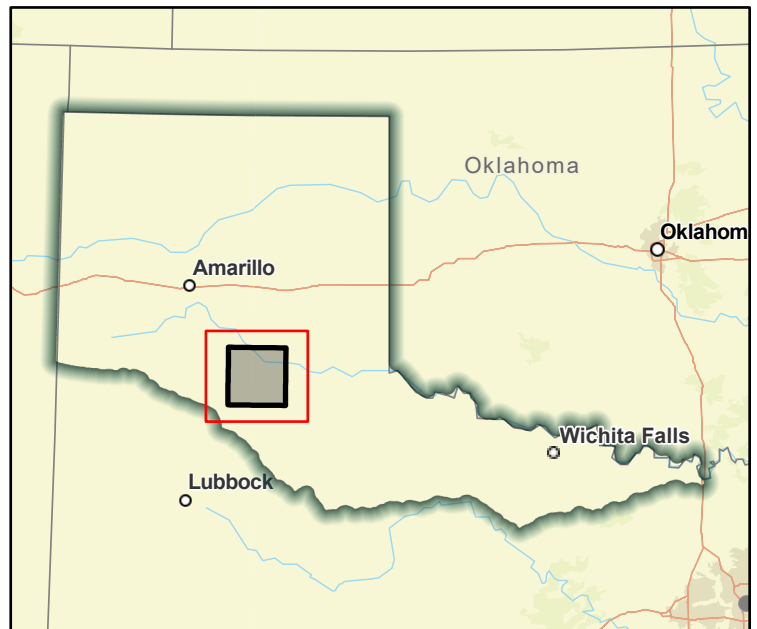
Estimated Cost and Funding Availability

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 136 # 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

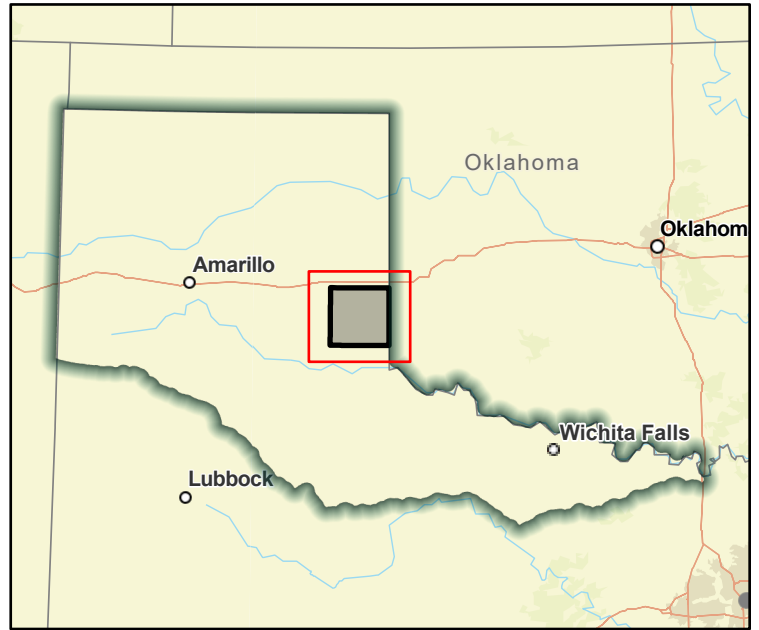
Estimated Cost and Funding Availability

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 629 # of structures 219 Critical facilities 2

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

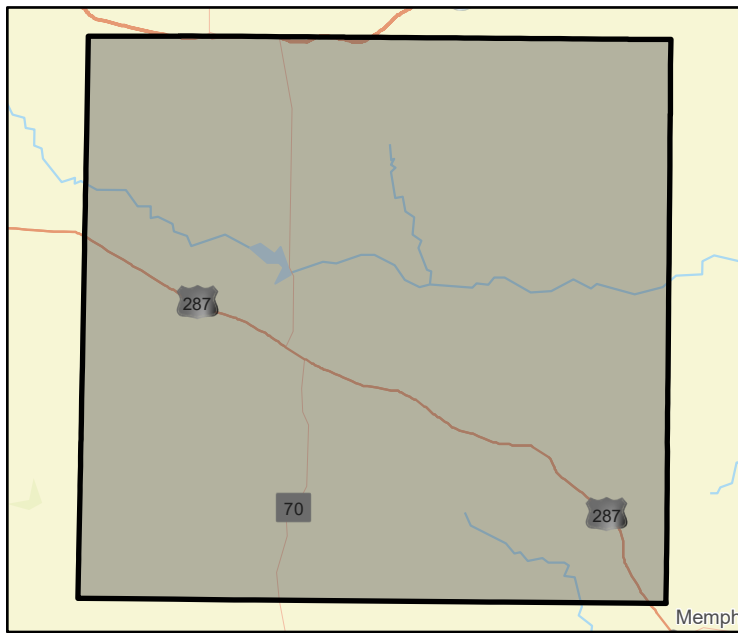
Farm/Ranch land impacted (acres) 76,552 Roadway(s) impacted (length) 46

Number of low water crossings 9 Historical road closures 9

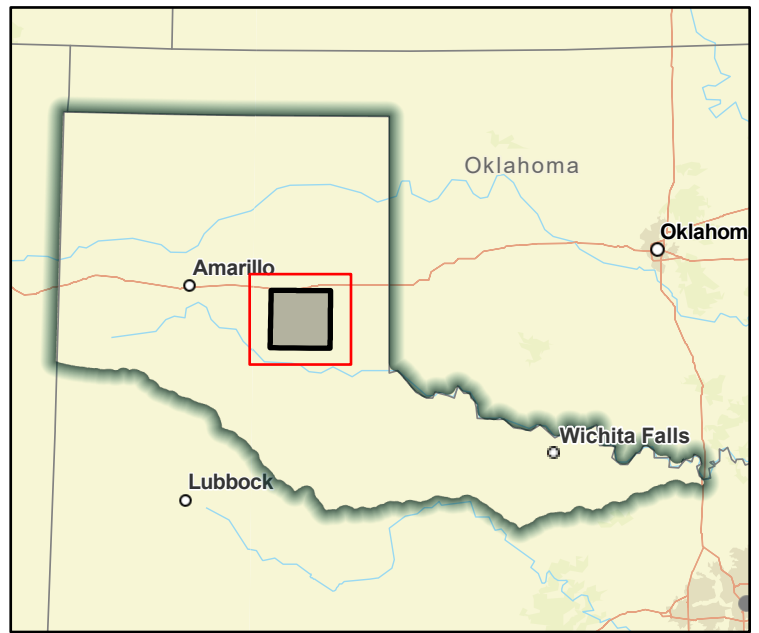
Estimated Cost and Funding Availability

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**

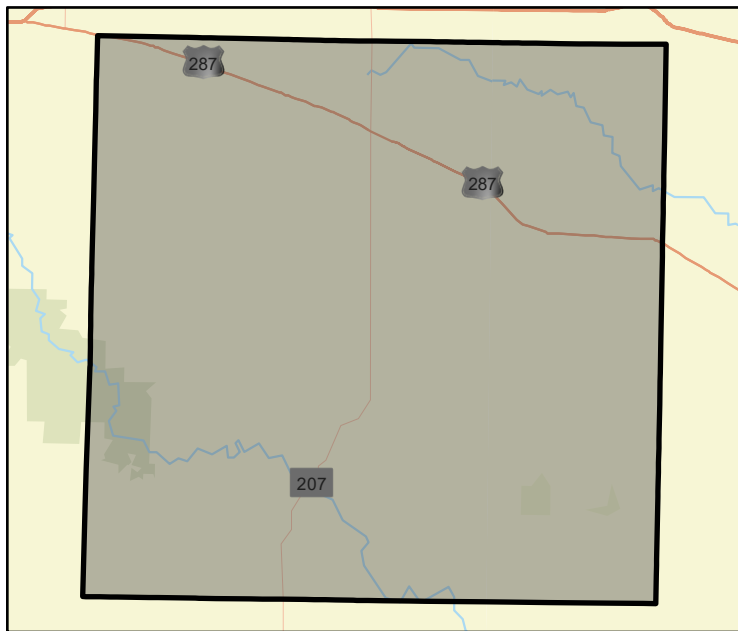
Farm/Ranch land impacted (acres) **56,990** Roadway(s) impacted (length) **25**

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 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 **6,820** # 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**

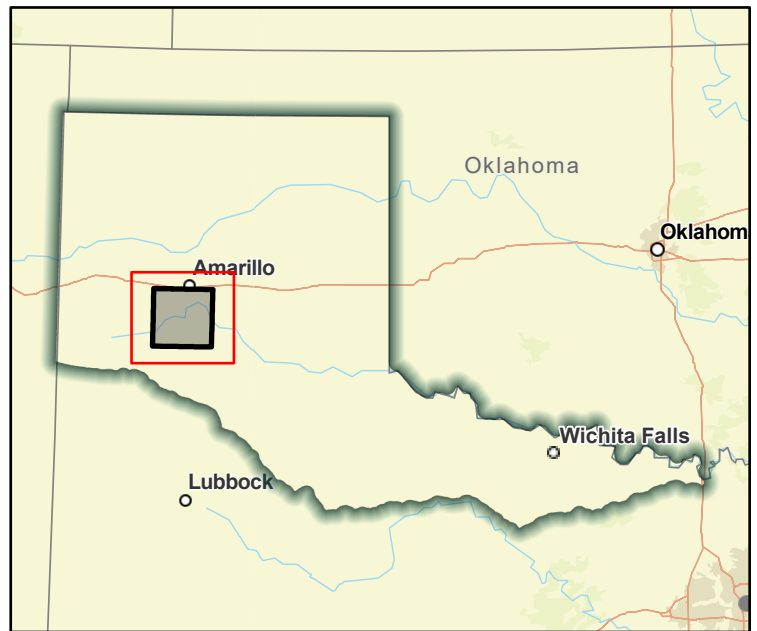
Estimated Cost and Funding Availability

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 **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 **6,820** # 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**

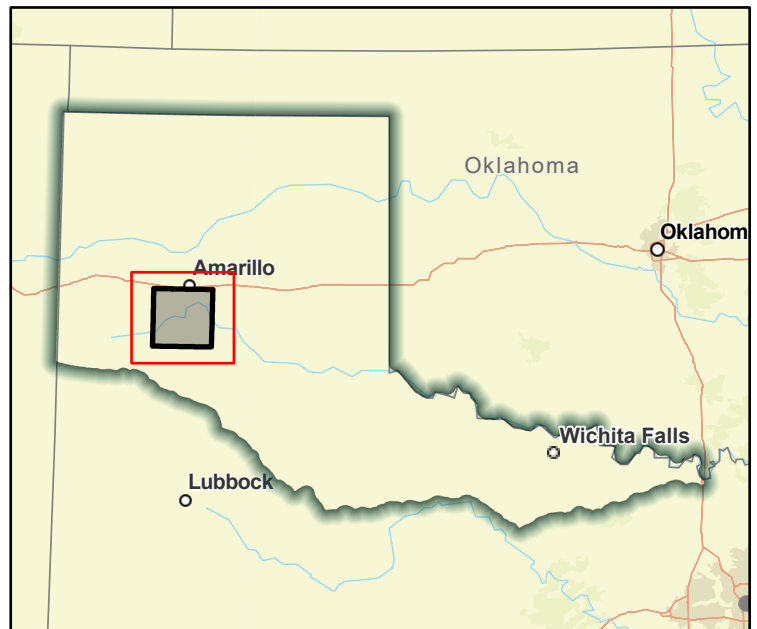
Estimated Cost and Funding Availability

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 Culvert Evaluations**

ID# **011000190**

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 **Project Planning**

Study description **Evaluate culverts and low water crossings for capacity and recommend alternatives for improvements. Locations specified by the county; 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) **-**

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

100-Year Flood Risk Summary

Population at risk **6,820** # of structures **1,781** Critical facilities **21**

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

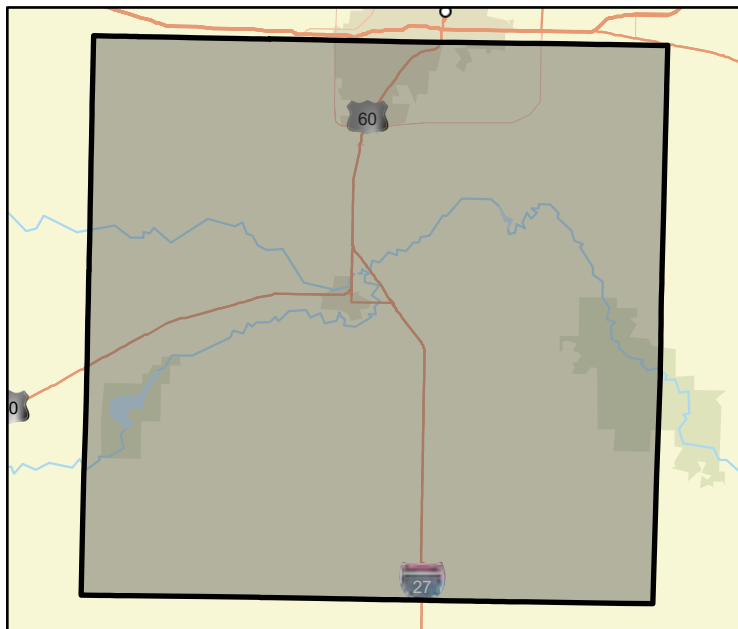
Farm/Ranch land impacted (acres) **32,848** Roadway(s) impacted (length) **153**

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

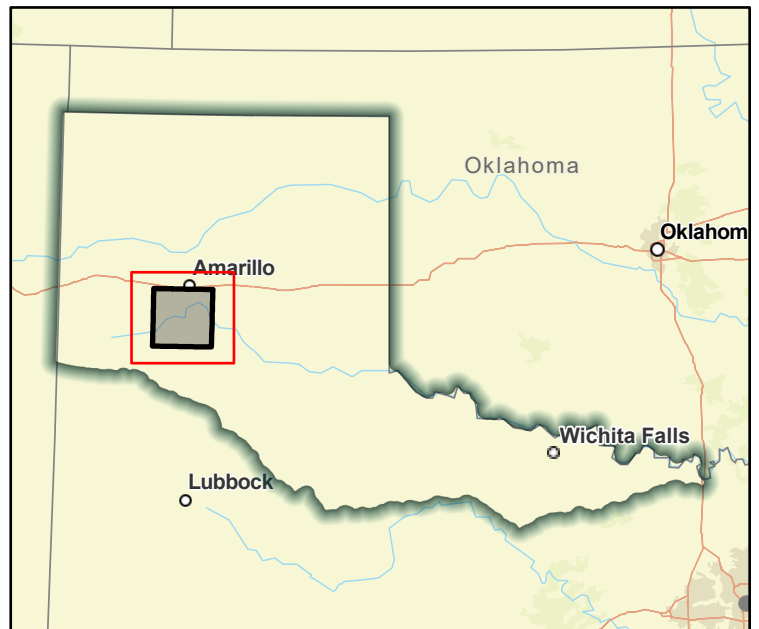
Estimated Cost and Funding Availability

Total Cost **\$120,000** 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 388 # of structures 120 Critical facilities 0

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

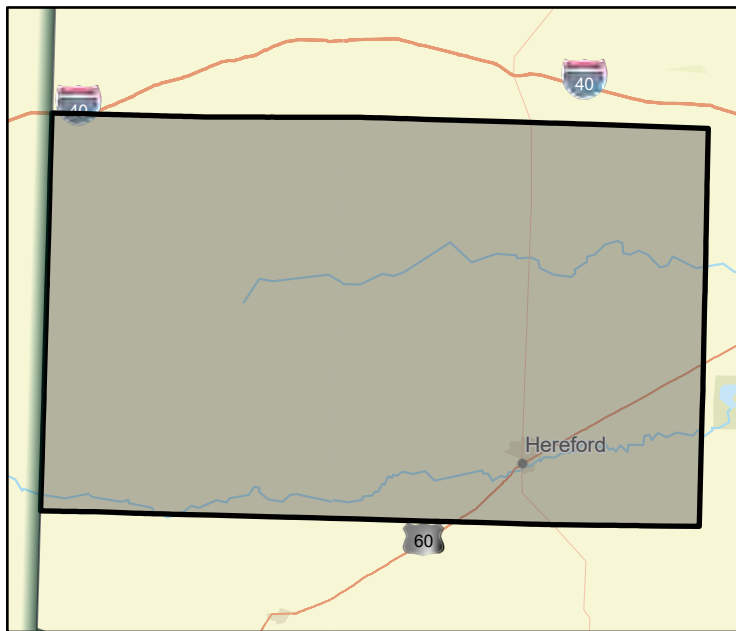
Farm/Ranch land impacted (acres) 54,135 Roadway(s) impacted (length) 76

Number of low water crossings 18 Historical road closures 25

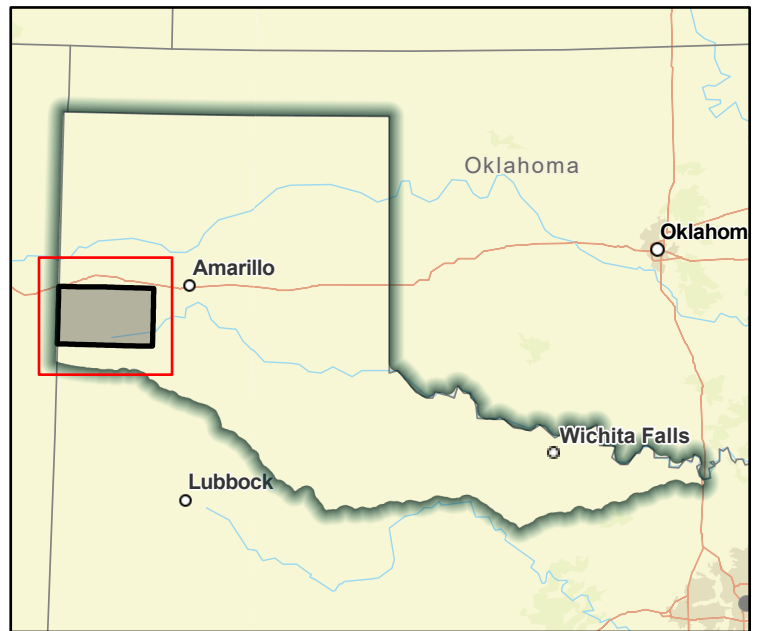
Estimated Cost and Funding Availability

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 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 **338** # of structures **191** Critical facilities **4**

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

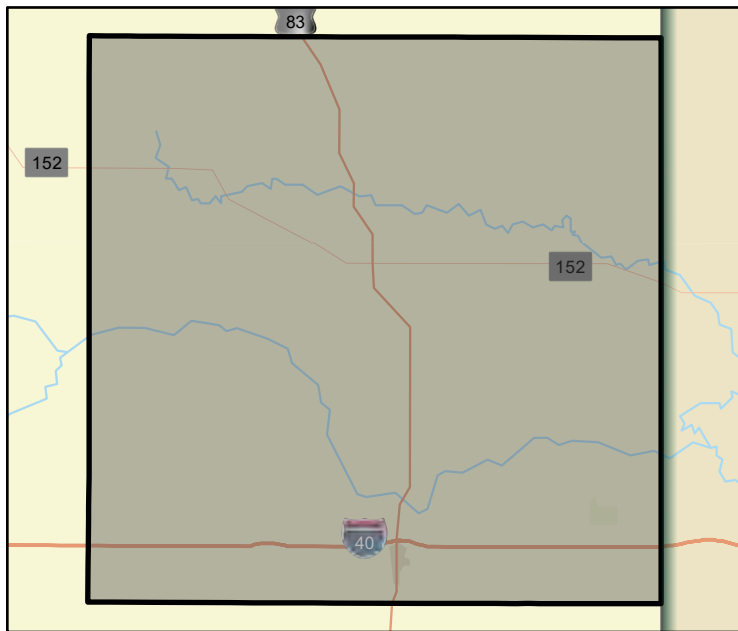
Farm/Ranch land impacted (acres) **70,022** Roadway(s) impacted (length) **65**

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 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 338 # of structures 191 Critical facilities 4

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

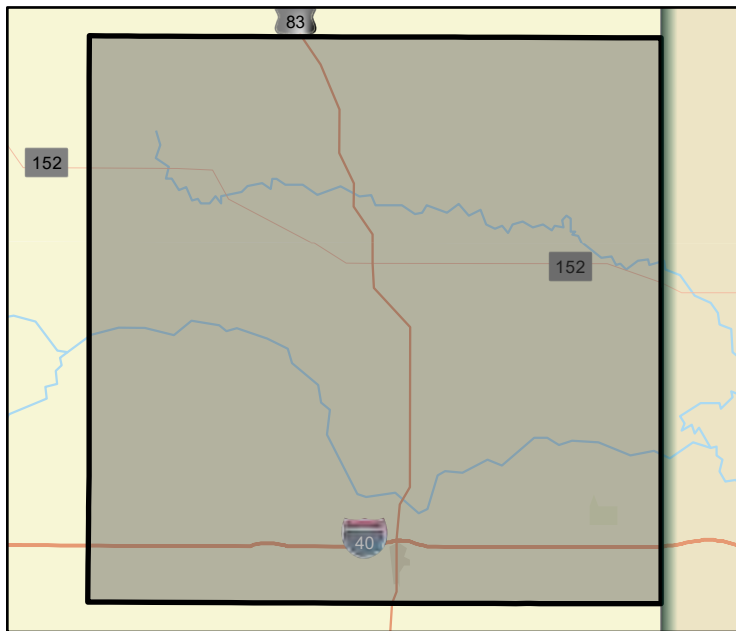
Farm/Ranch land impacted (acres) 70,022 Roadway(s) impacted (length) 65

Number of low water crossings 4 Historical road closures 4

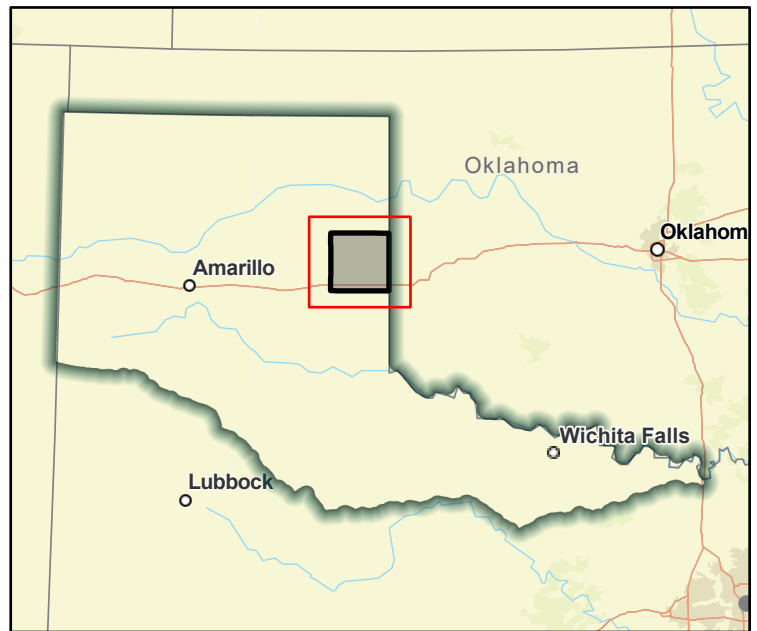
Estimated Cost and Funding Availability

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 **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 **1,429** # of structures **295** Critical facilities **2**

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

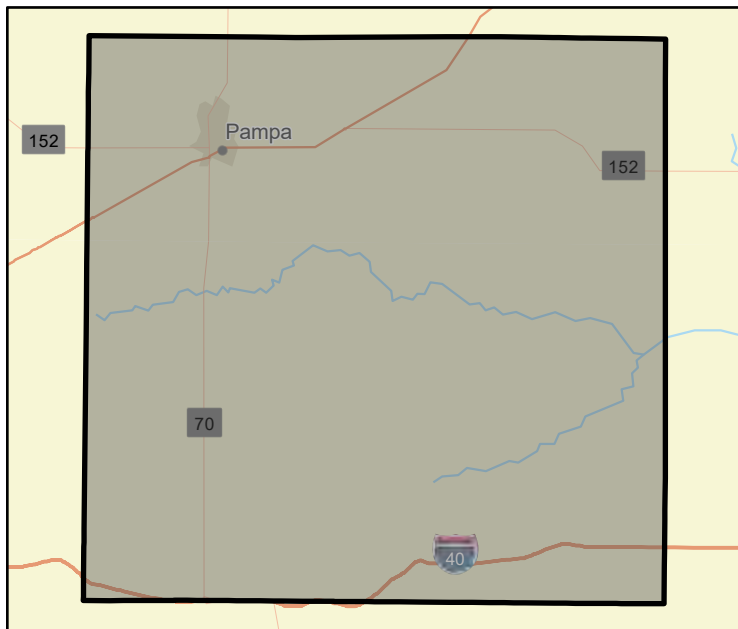
Farm/Ranch land impacted (acres) **63,863** Roadway(s) impacted (length) **49**

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

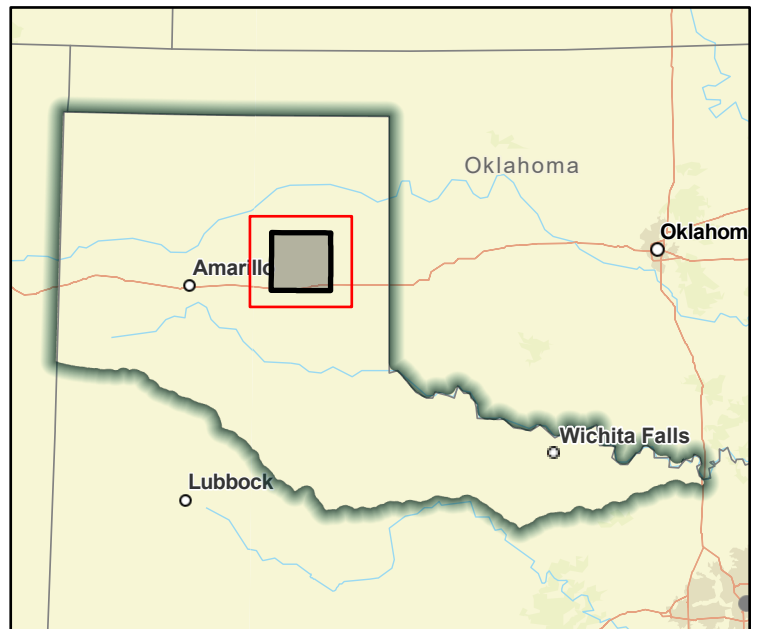
Estimated Cost and Funding Availability

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 32 # of structures 21 Critical facilities 3

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

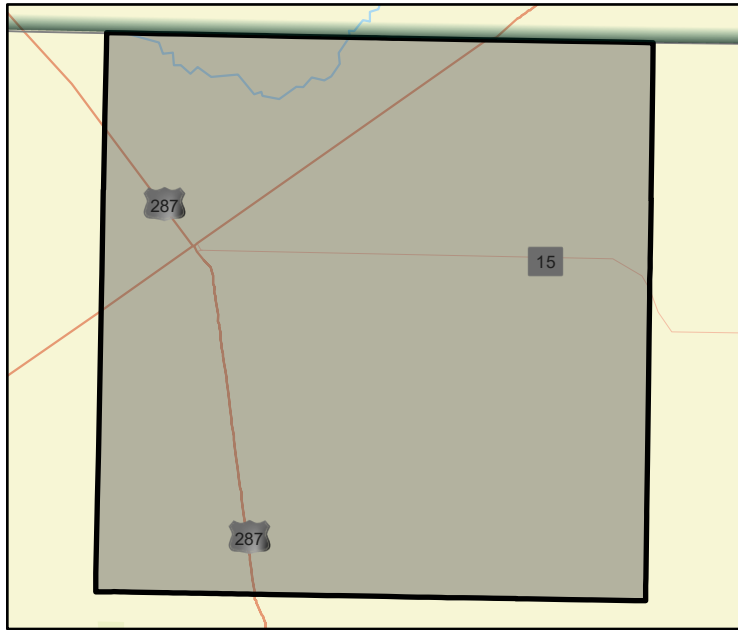
Farm/Ranch land impacted (acres) 44,313 Roadway(s) impacted (length) 57

Number of low water crossings 9 Historical road closures 10

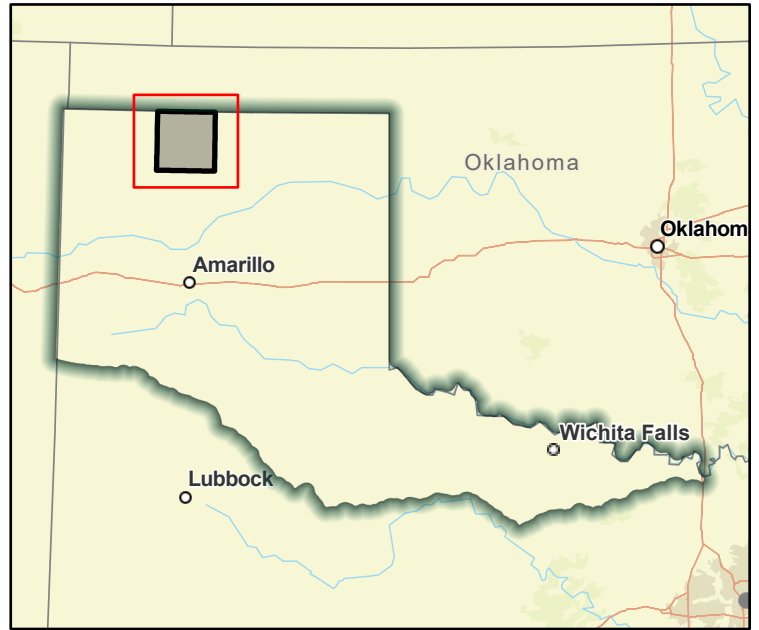
Estimated Cost and Funding Availability

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 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 1,951 # of structures 890 Critical facilities 2

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

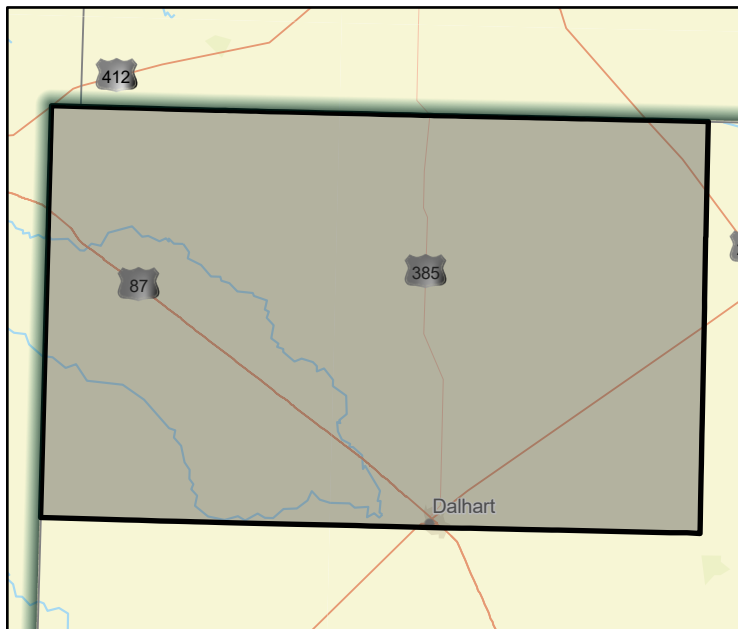
Farm/Ranch land impacted (acres) 91,034 Roadway(s) impacted (length) 178

Number of low water crossings 22 Historical road closures 22

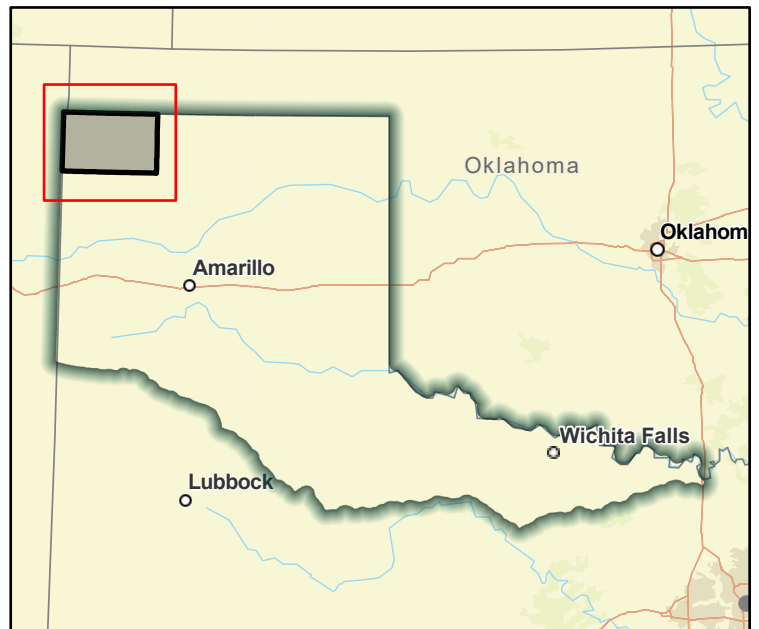
Estimated Cost and Funding Availability

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 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 1,951 # of structures 890 Critical facilities 2

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

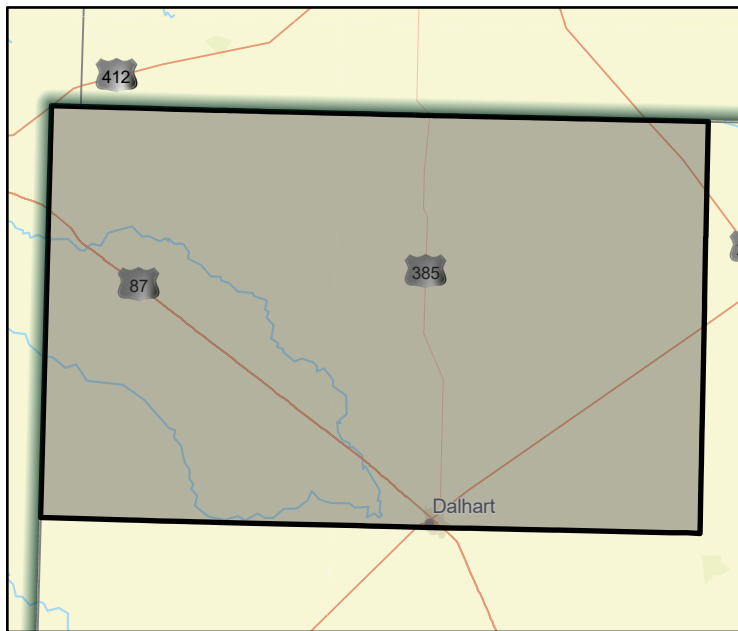
Farm/Ranch land impacted (acres) 91,034 Roadway(s) impacted (length) 178

Number of low water crossings 22 Historical road closures 22

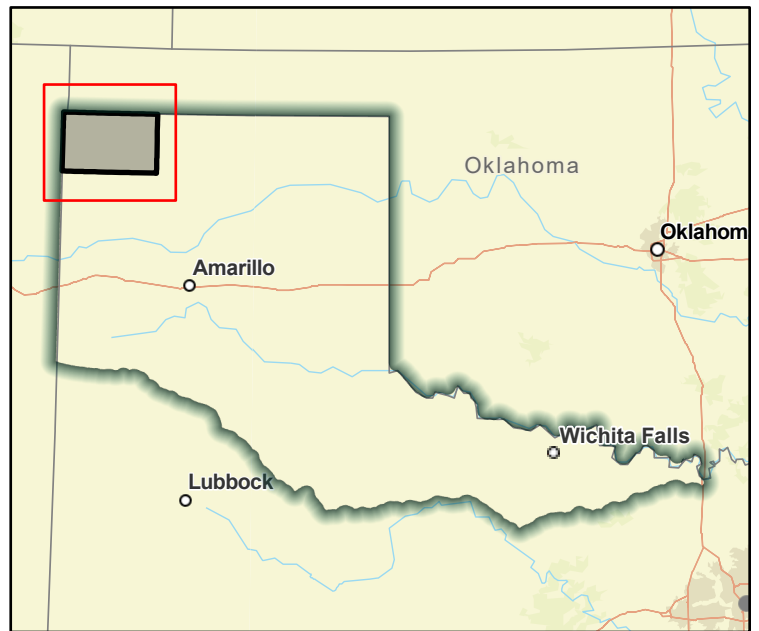
Estimated Cost and Funding Availability

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 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 80 # of structures 100 Critical facilities 0

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

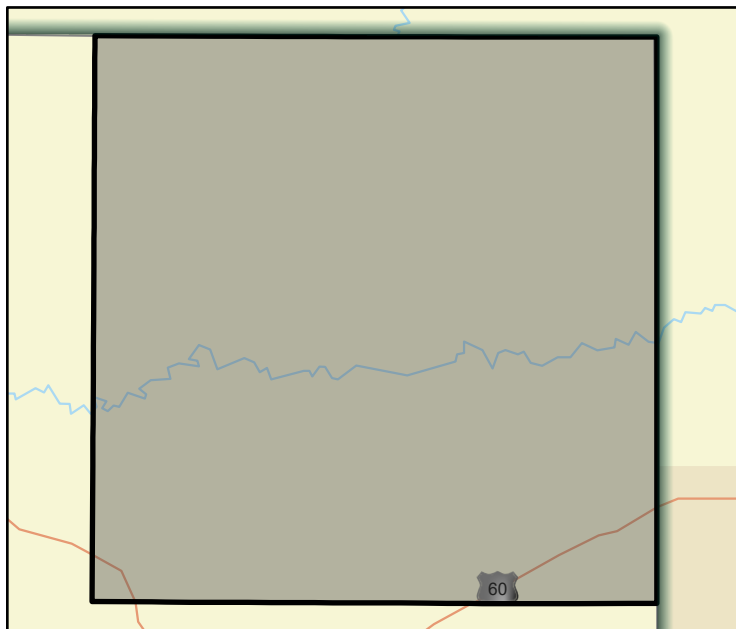
Farm/Ranch land impacted (acres) 66,275 Roadway(s) impacted (length) 20

Number of low water crossings 6 Historical road closures 6

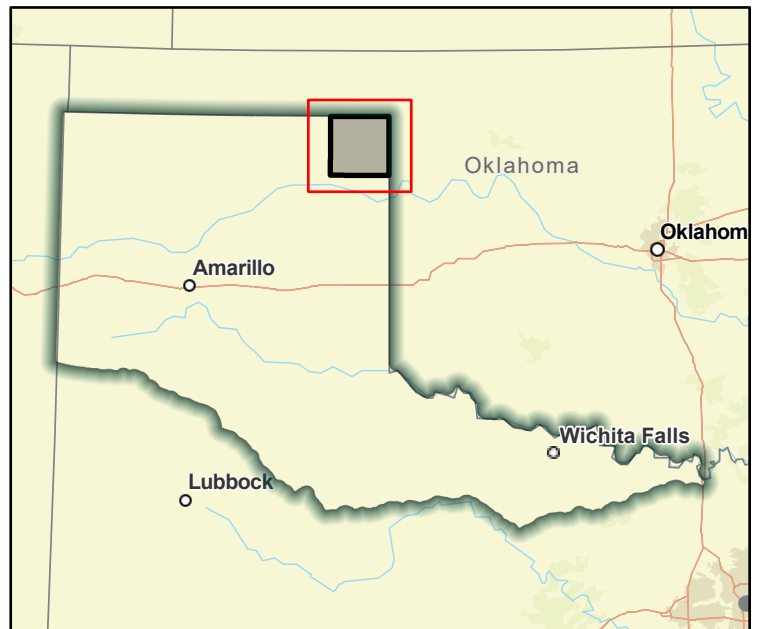
Estimated Cost and Funding Availability

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 **80** # of structures **100** Critical facilities **0**

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

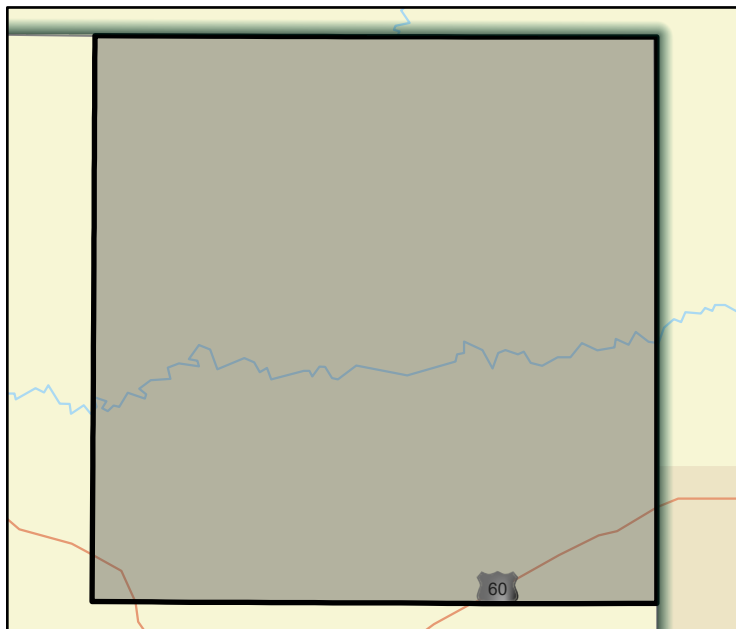
Farm/Ranch land impacted (acres) **66,275** Roadway(s) impacted (length) **20**

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

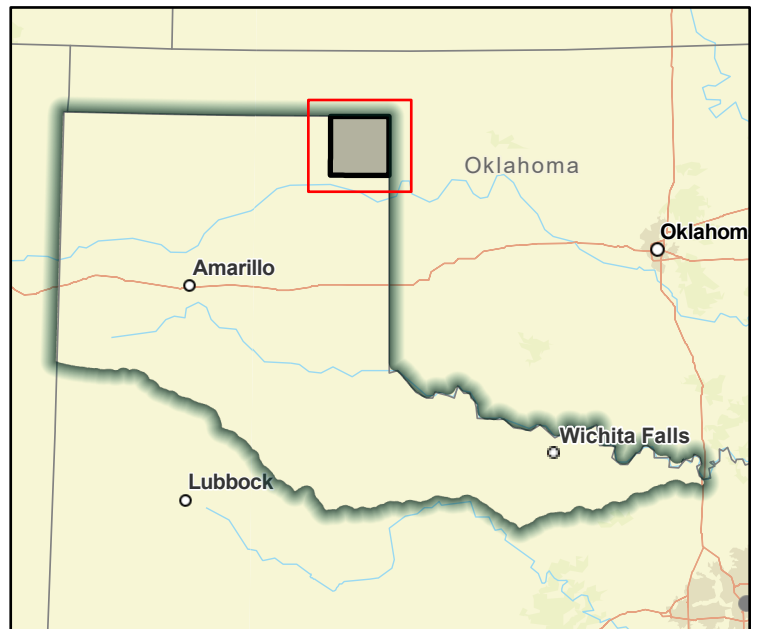
Estimated Cost and Funding Availability

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 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 **658** # of structures **369** Critical facilities **1**

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

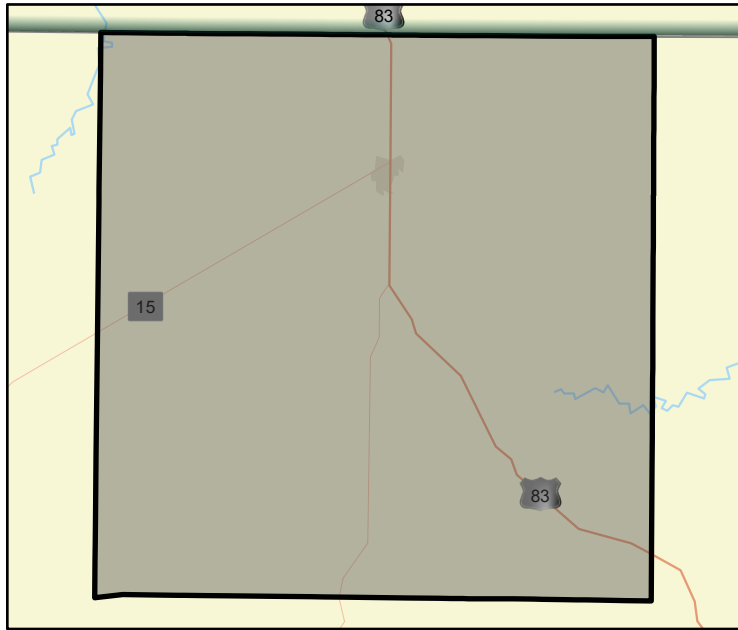
Farm/Ranch land impacted (acres) **48,150** Roadway(s) impacted (length) **31**

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

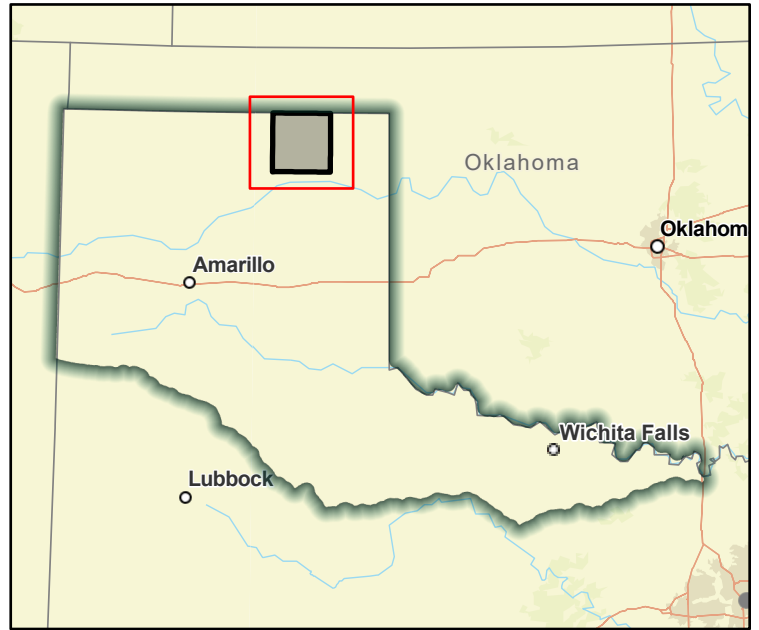
Estimated Cost and Funding Availability

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 **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 **658** # 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**

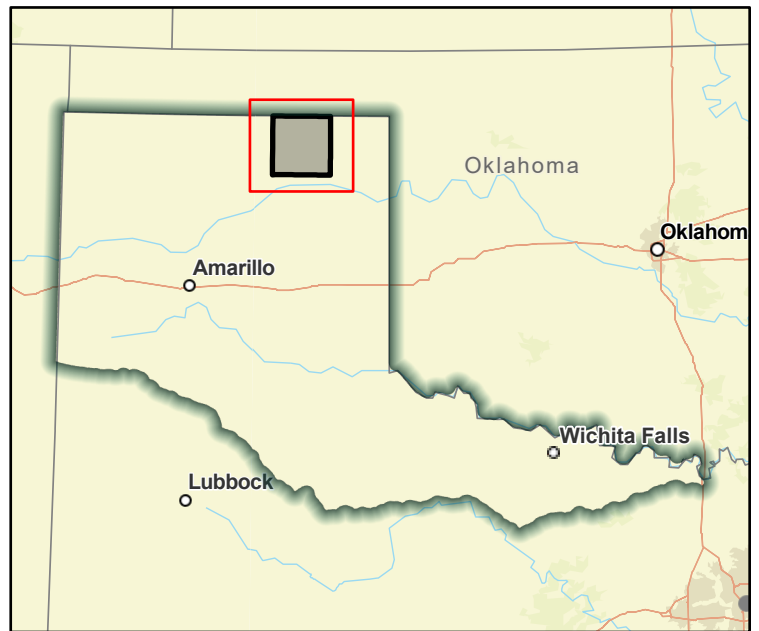
Estimated Cost and Funding Availability

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 **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 **44** # of structures **38** Critical facilities **9**

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

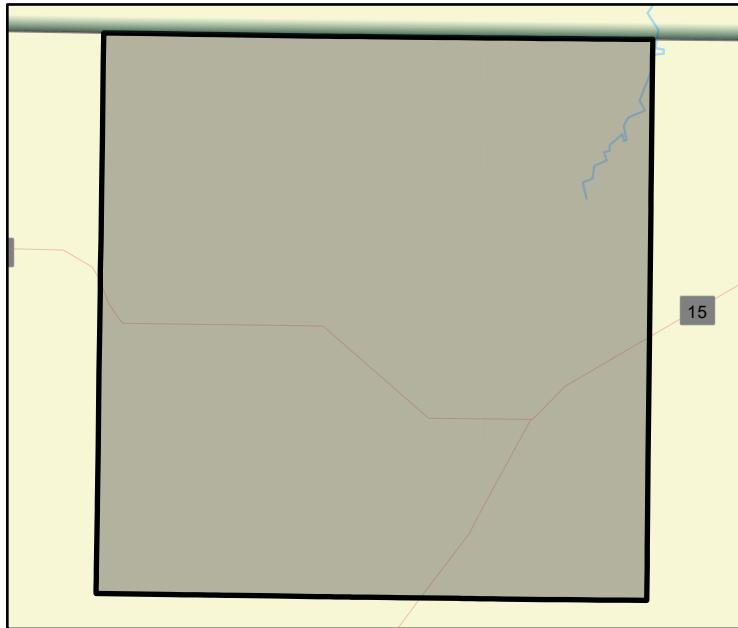
Farm/Ranch land impacted (acres) **44,978** Roadway(s) impacted (length) **16**

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

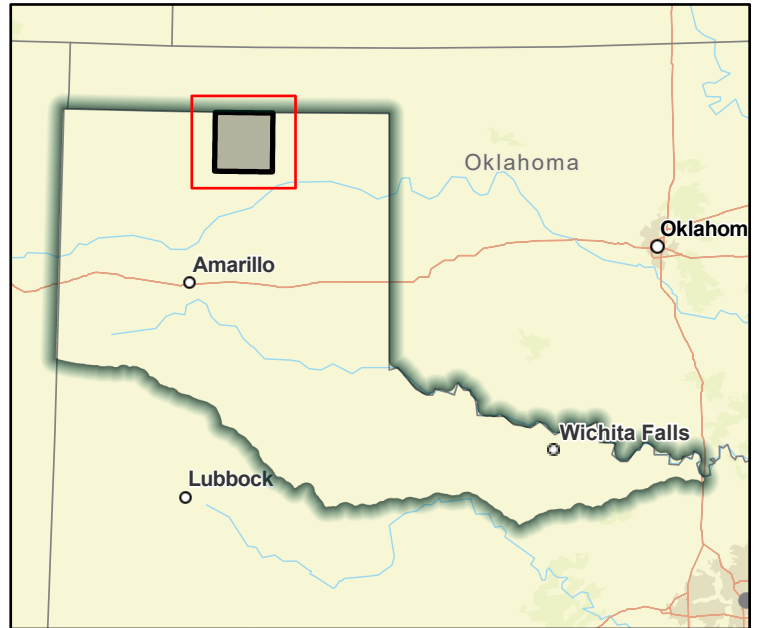
Estimated Cost and Funding Availability

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 **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 **7** # 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 **1,214** # of structures **148** Critical facilities **0**

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

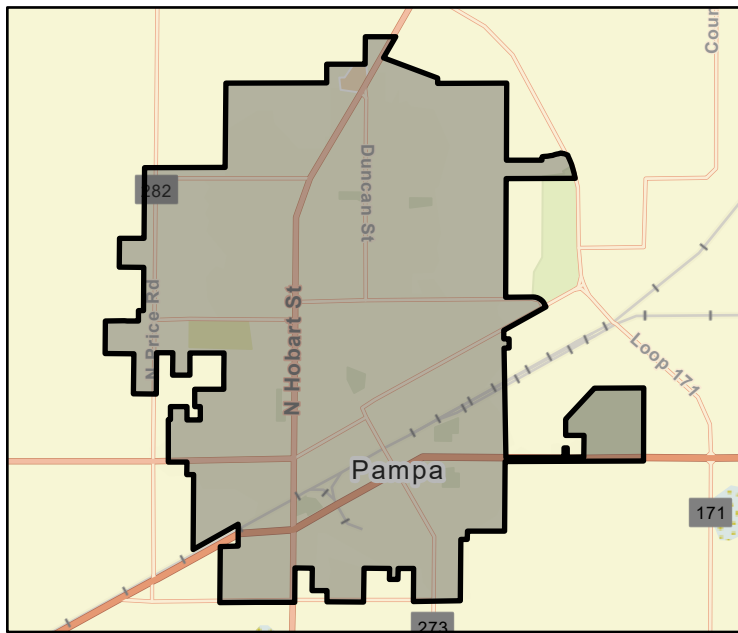
Farm/Ranch land impacted (acres) **12** Roadway(s) impacted (length) **6**

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 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 2,054 # of structures 887 Critical facilities 0

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

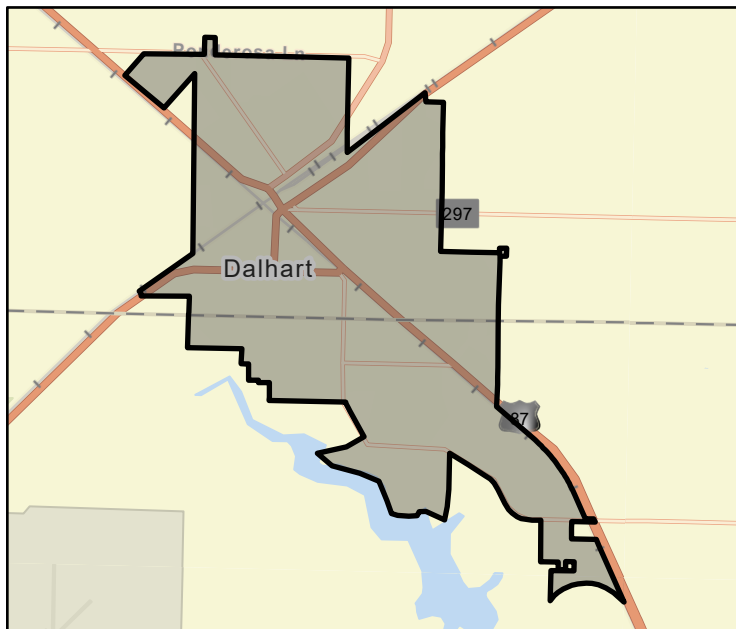
Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (length) 21

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 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 2,054 # of structures 887 Critical facilities 0

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

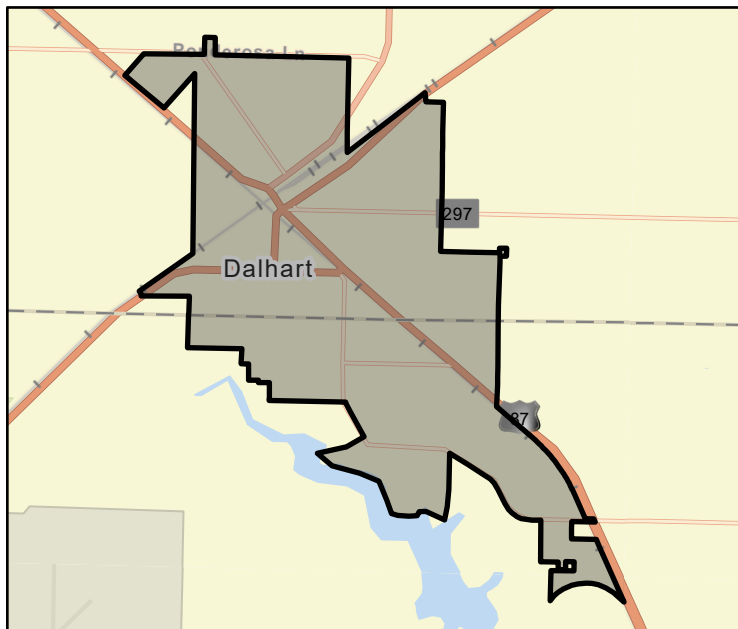
Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (length) 21

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 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 18 # of structures 8 Critical facilities 1

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

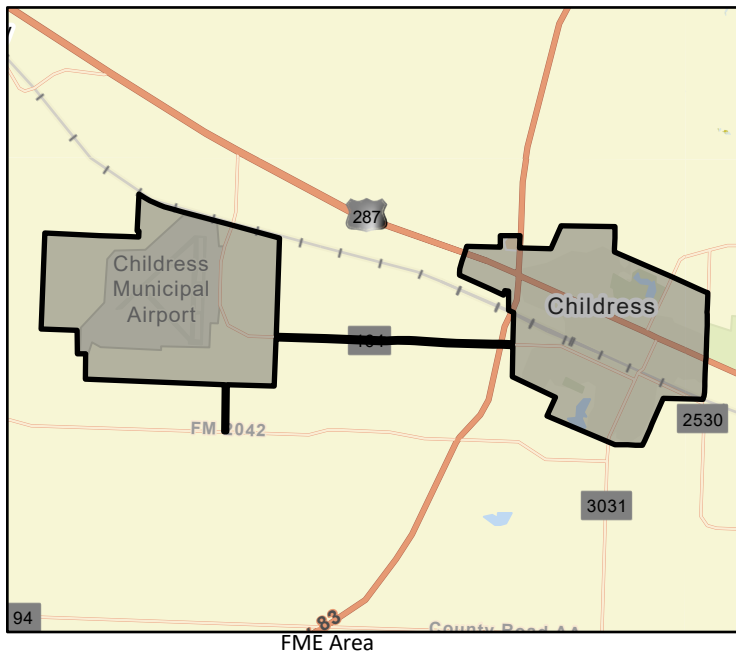
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 2

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 **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**

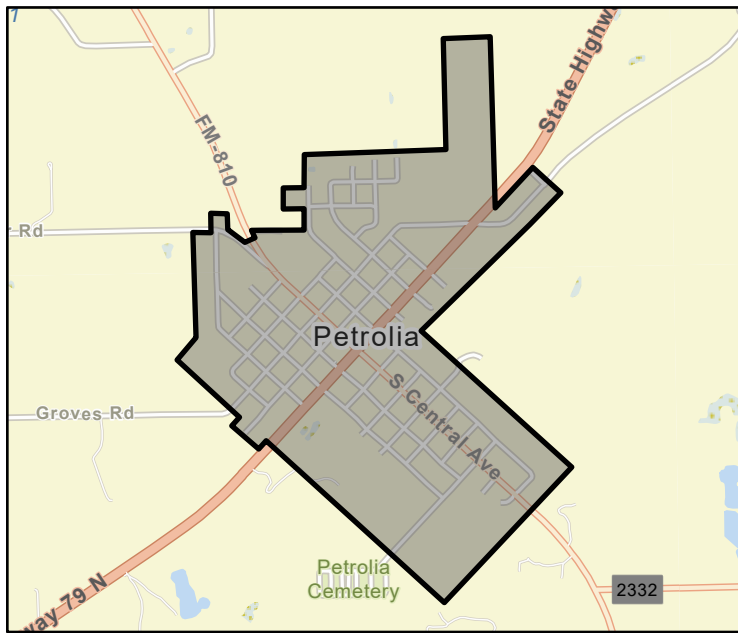
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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 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

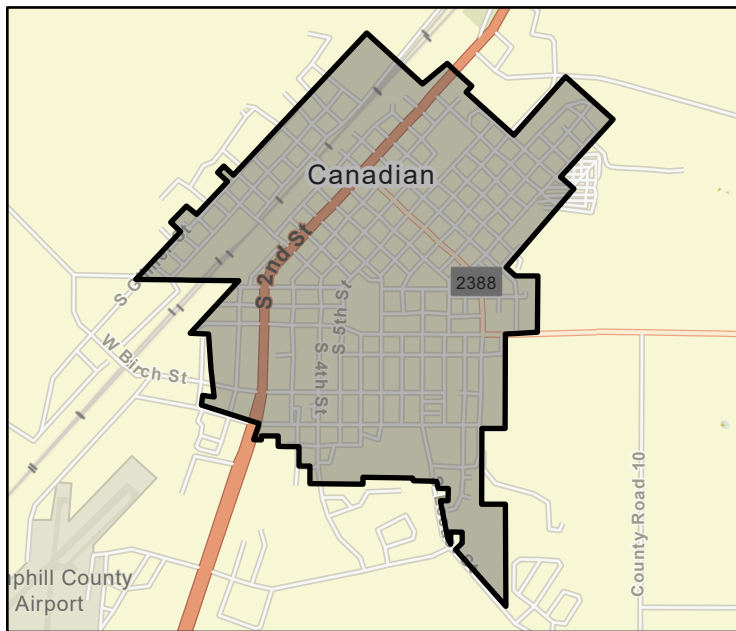
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 0

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 **436** # of structures **128** Critical facilities **2**

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

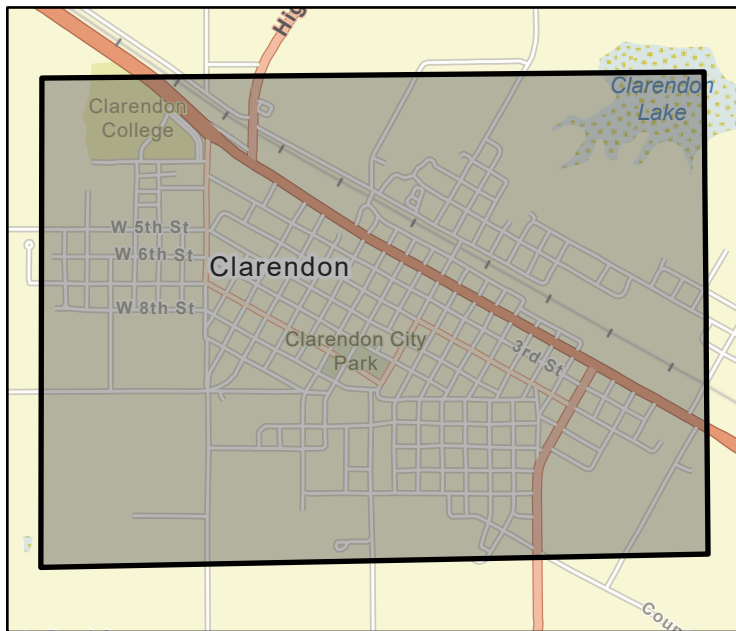
Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **9**

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 436 # of structures 128 Critical facilities 2

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

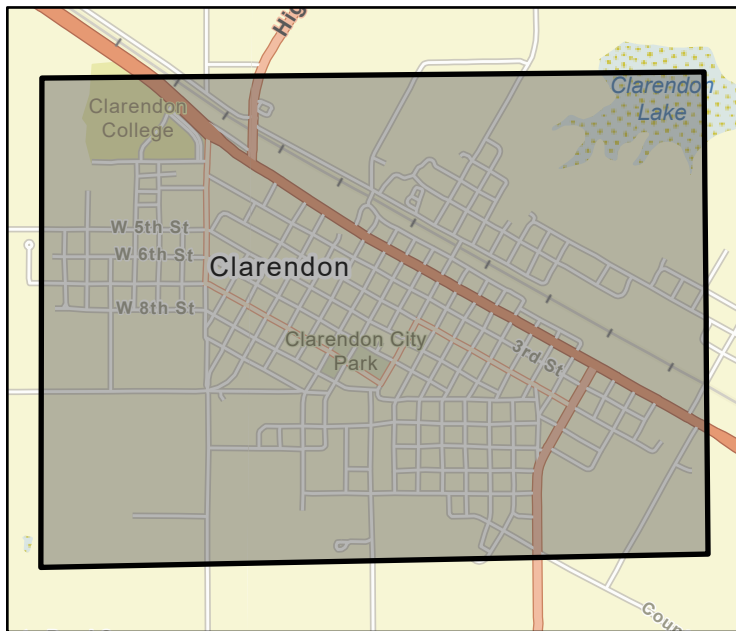
Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (length) 9

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**

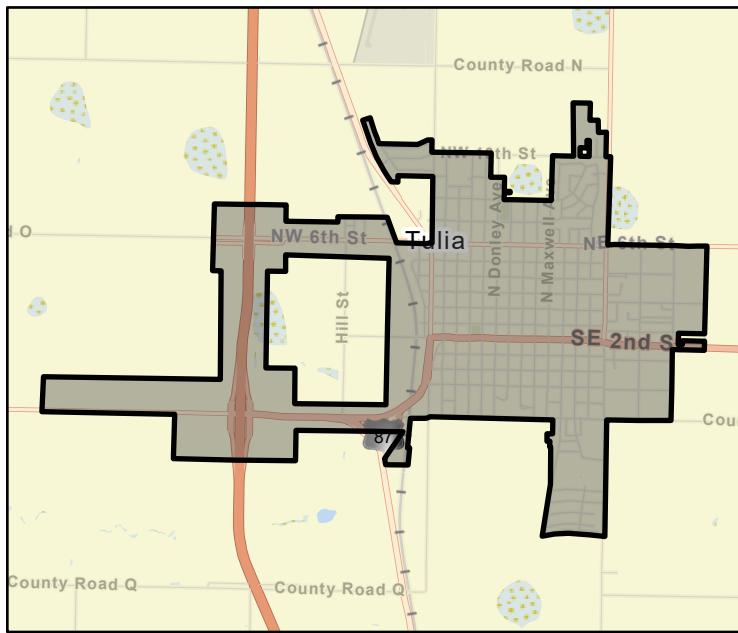
Farm/Ranch land impacted (acres) **11** Roadway(s) impacted (length) **5**

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 **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**

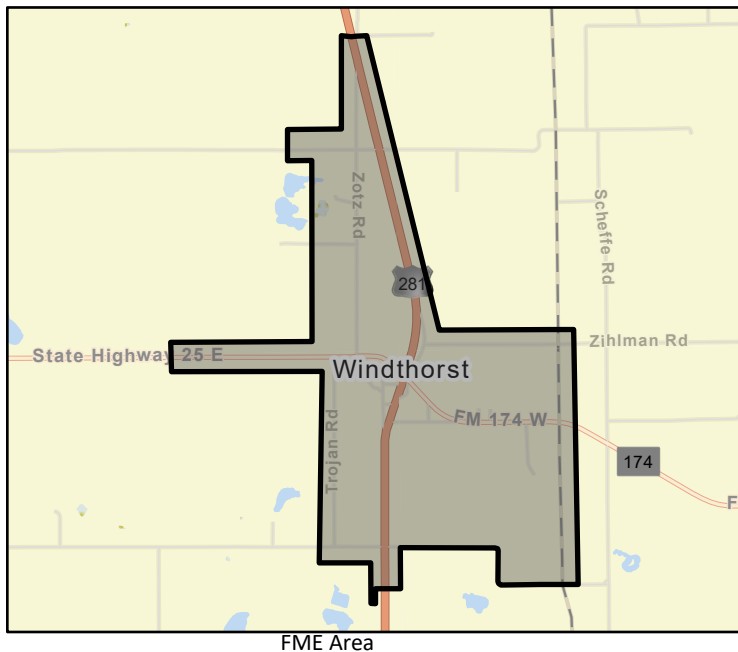
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **0**

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 **-**



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 83 # of structures 19 Critical facilities 0

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

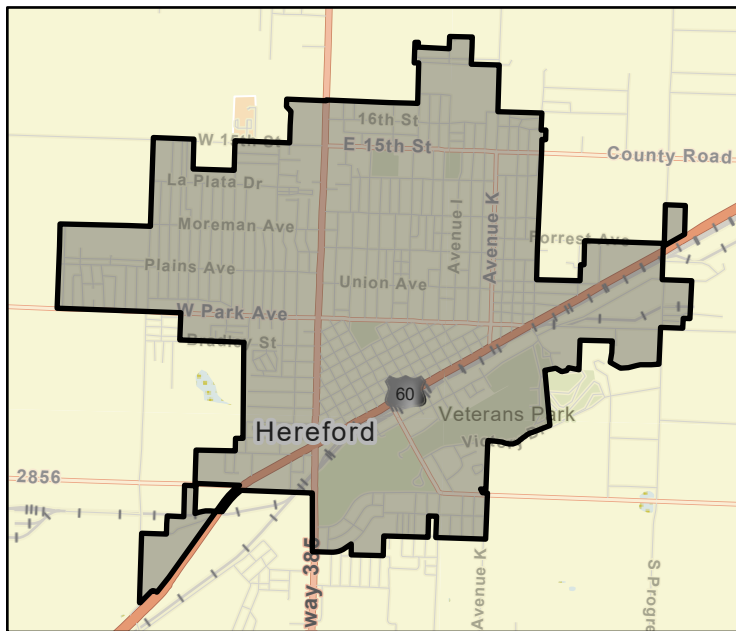
Farm/Ranch land impacted (acres) 7 Roadway(s) impacted (length) 2

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**

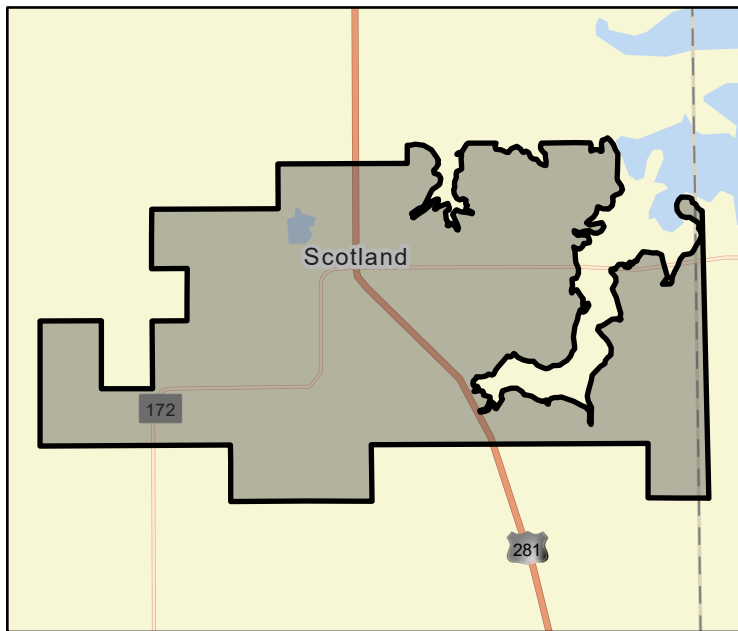
Farm/Ranch land impacted (acres) **27** Roadway(s) impacted (length) **0**

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

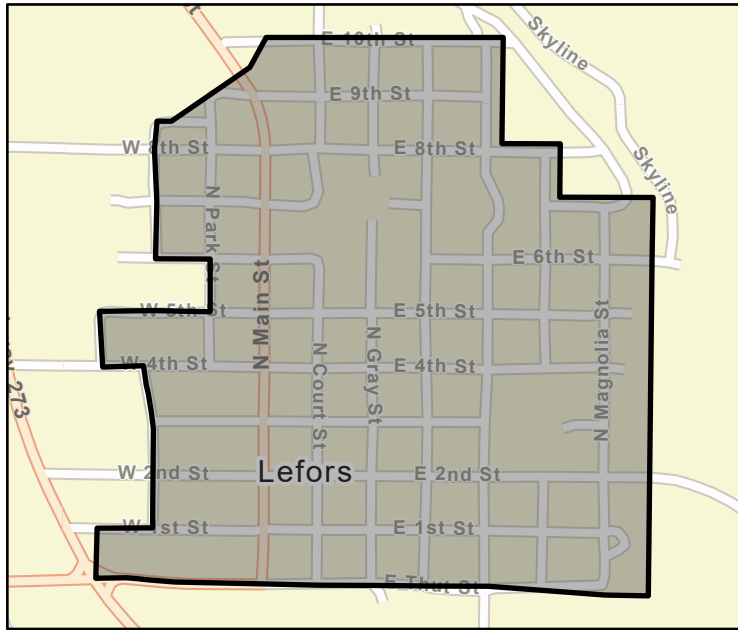
100-Year Flood Risk Summary

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 -



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

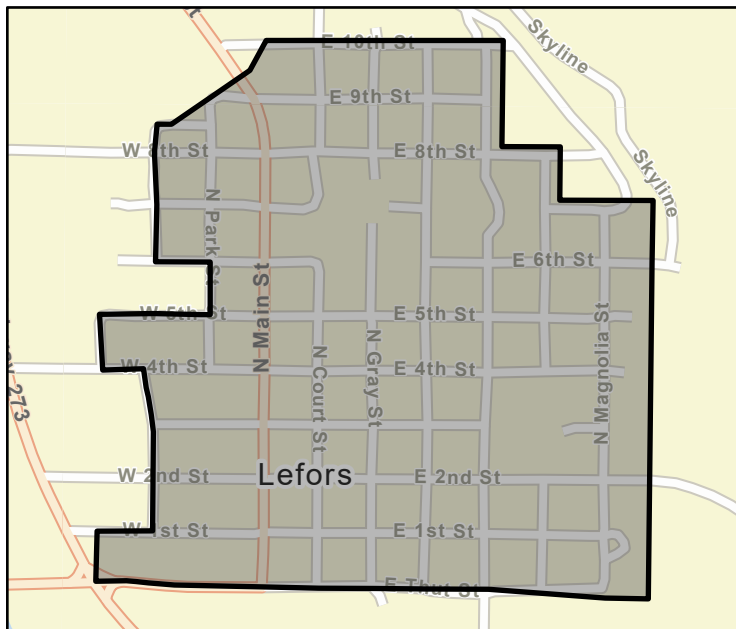
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

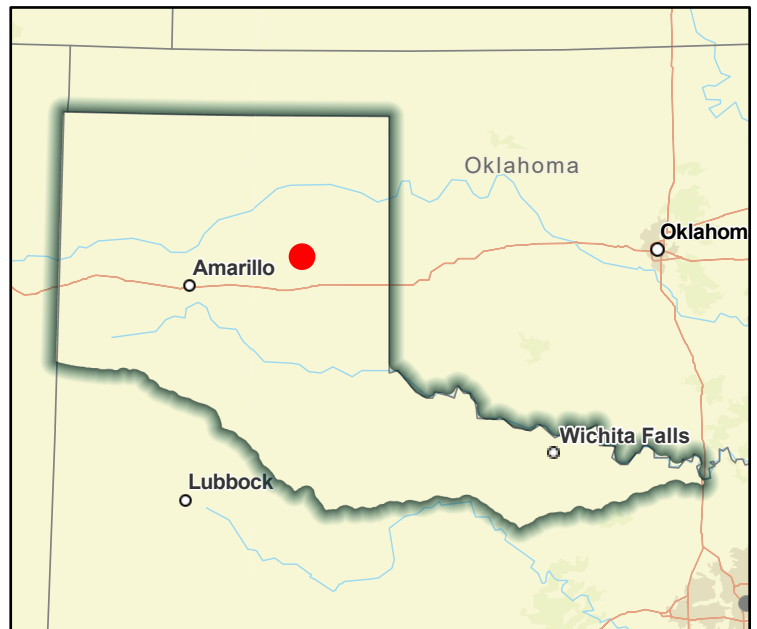
Estimated Cost and Funding Availability

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**

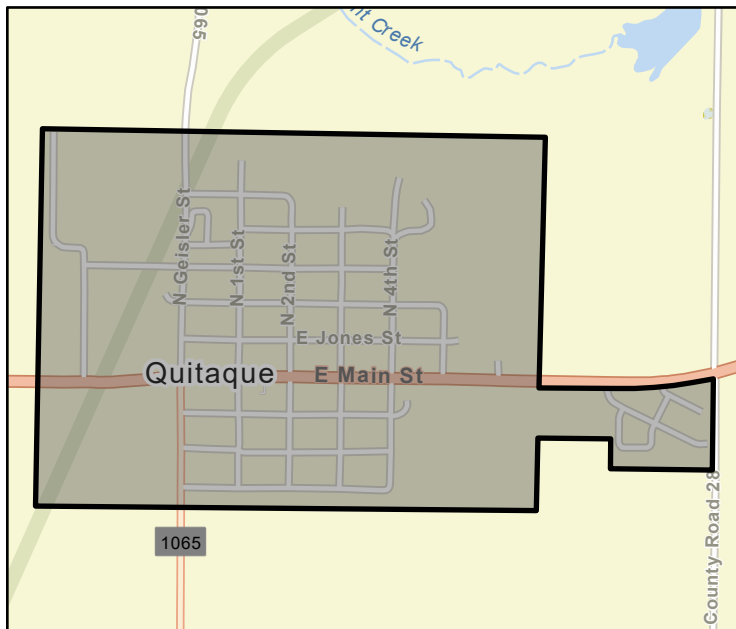
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **0**

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

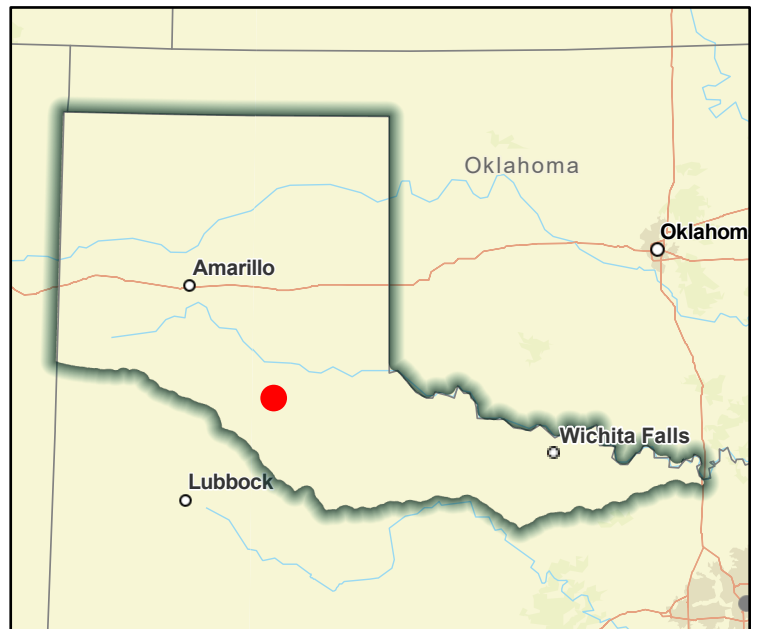
Estimated Cost and Funding Availability

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 395 # of structures 198 Critical facilities 1

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

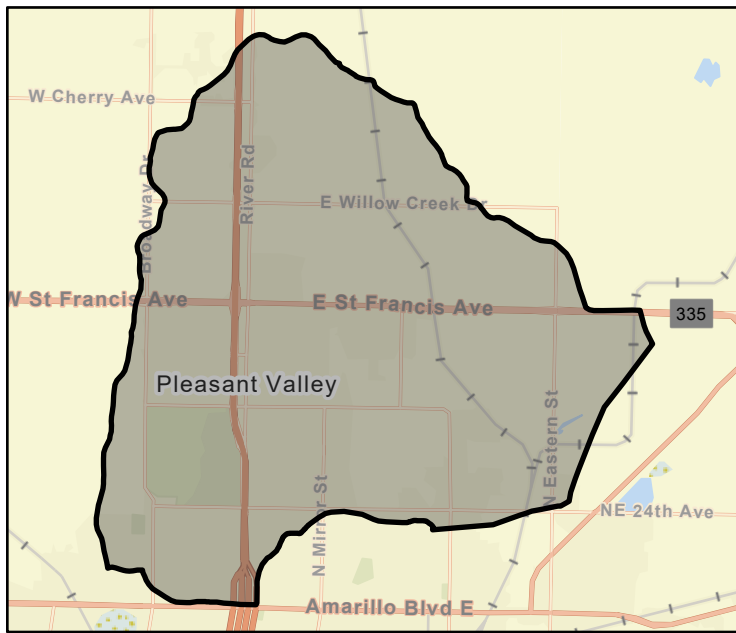
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

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 395 # of structures 198 Critical facilities 1

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

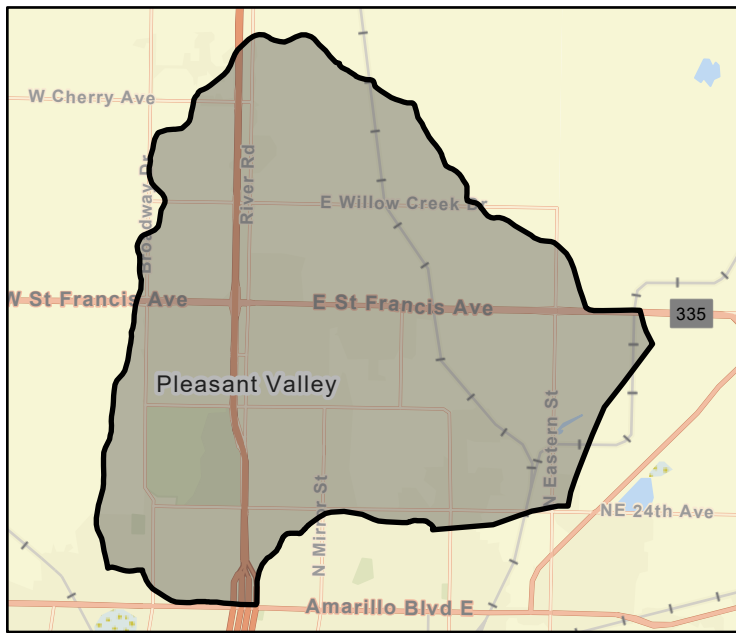
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

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.

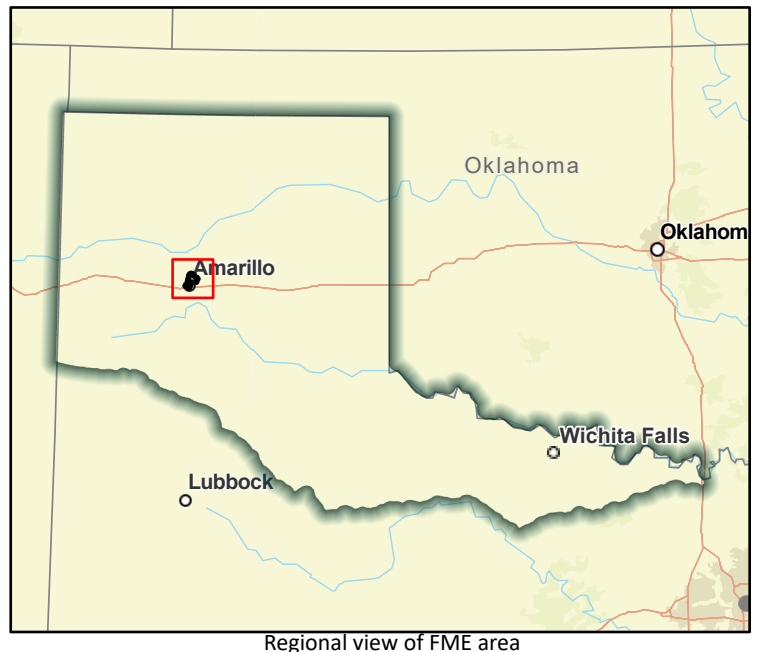
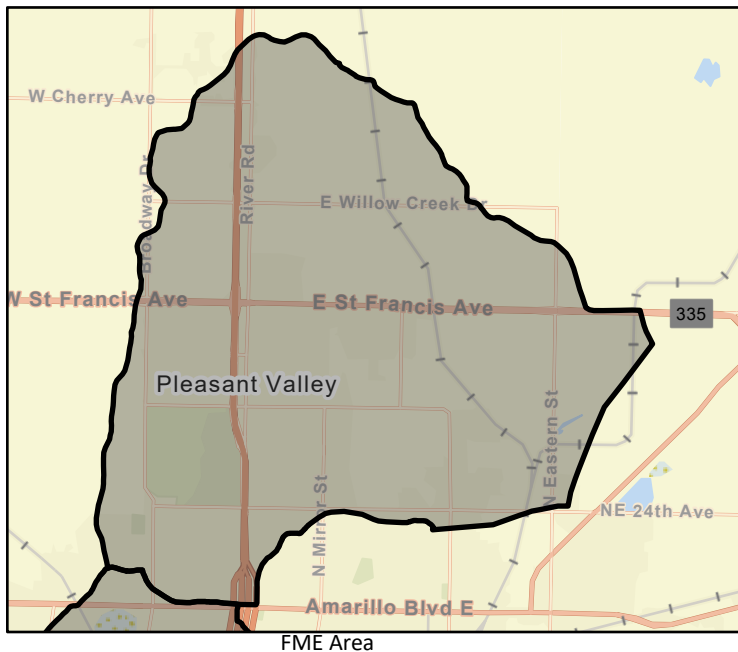
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050402
 Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 395 # 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 165 # of structures 69 Critical facilities 0

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

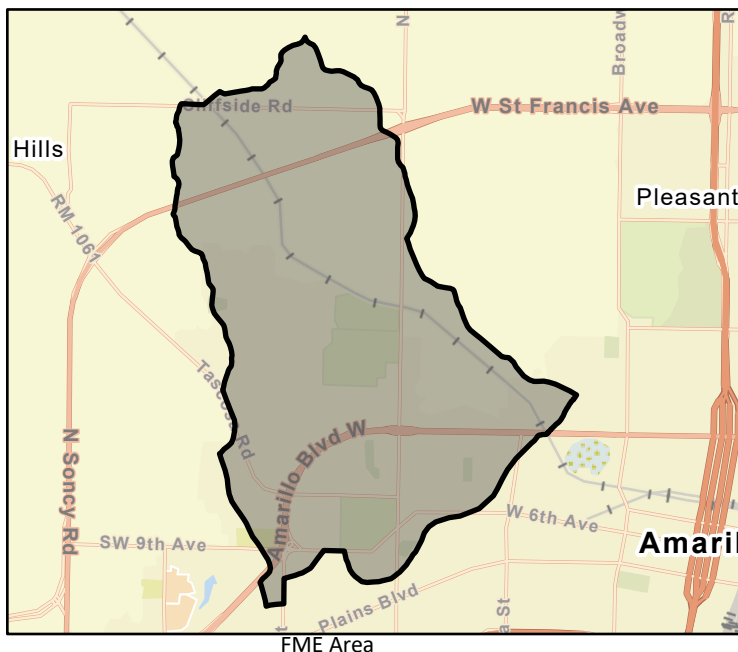
Farm/Ranch land impacted (acres) 124 Roadway(s) impacted (length) 3

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 1,974 # of structures 48 Critical facilities 1

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

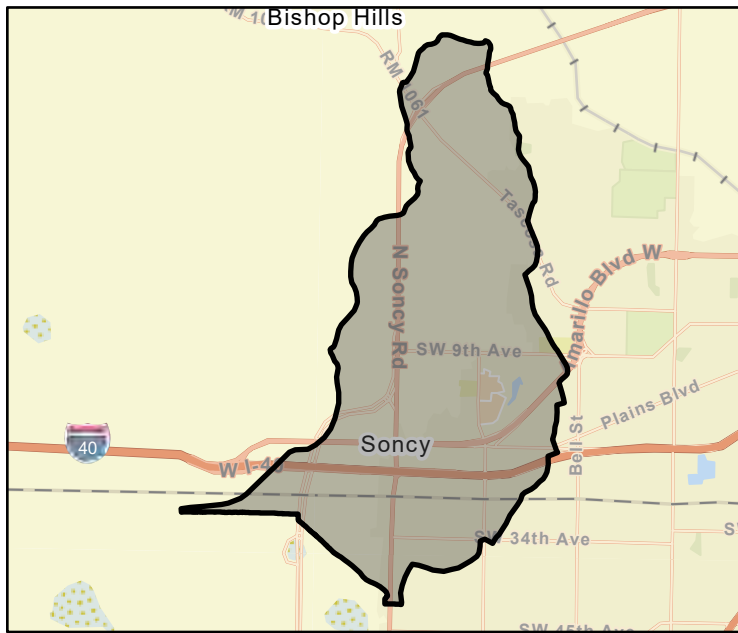
Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5

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 1,974 # of structures 48 Critical facilities 1

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

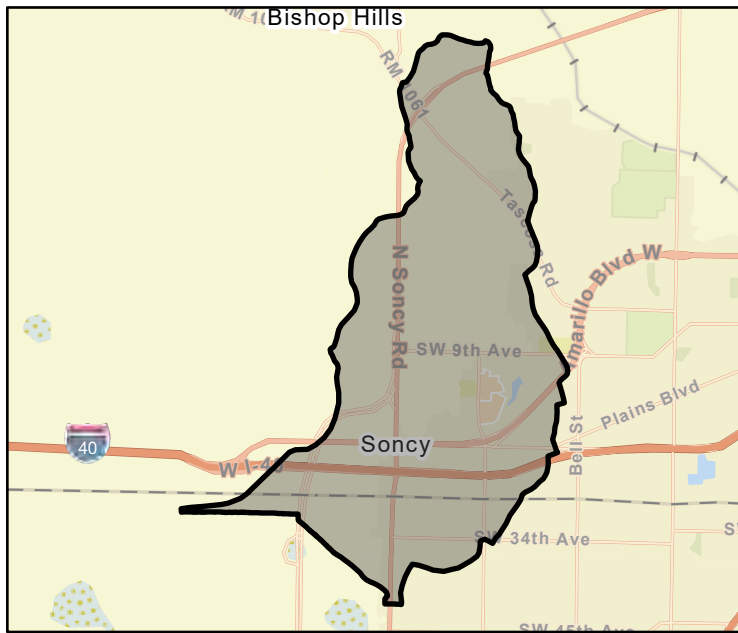
Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5

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.

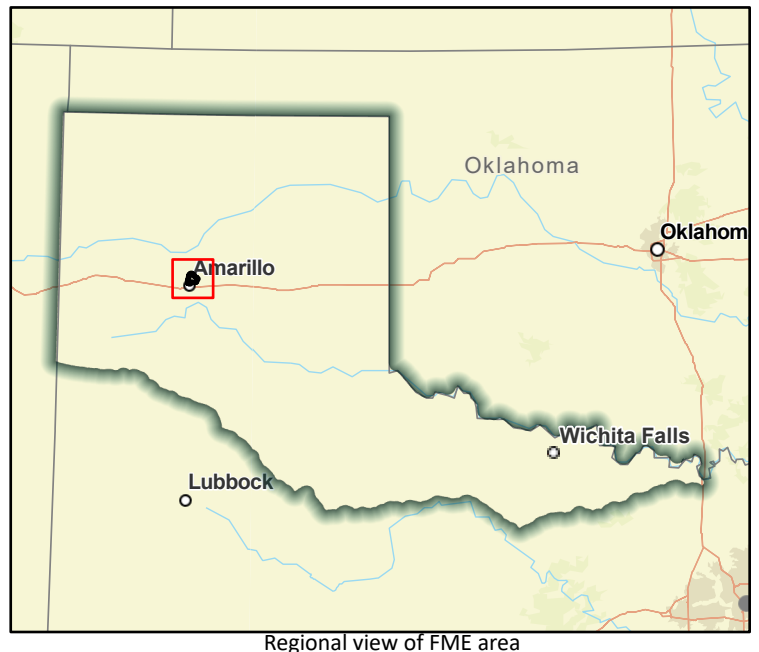
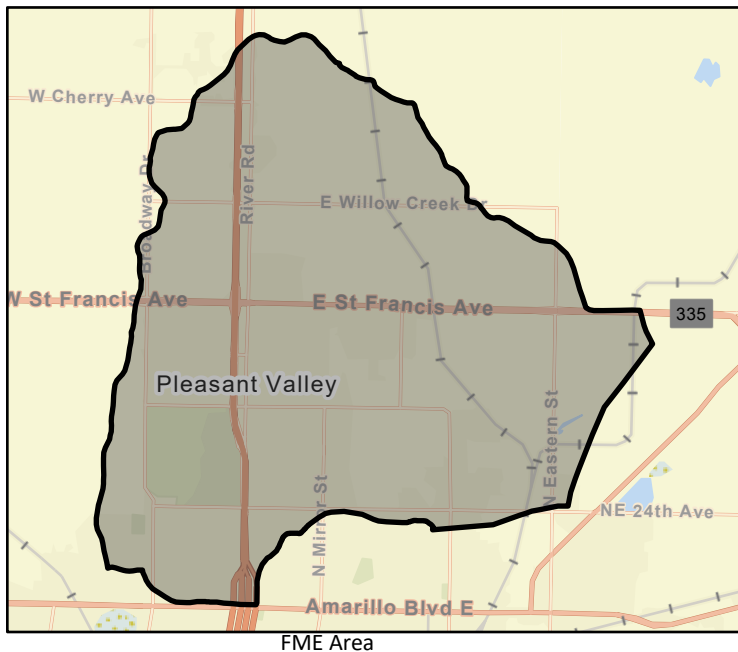
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050402
 Drainage area (Square miles, est.) 19 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 395 # 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



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 395

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

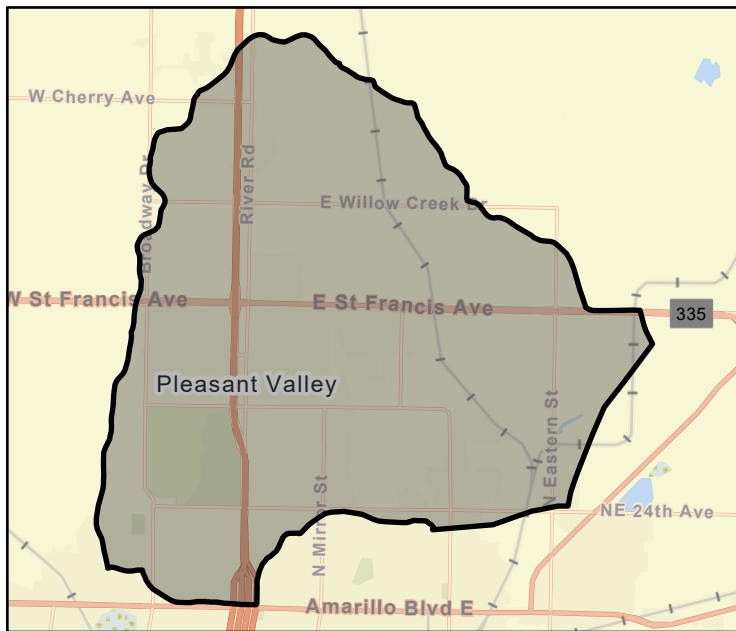
Estimated Cost and Funding Availability

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 395 # of structures 198 Critical facilities 1

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

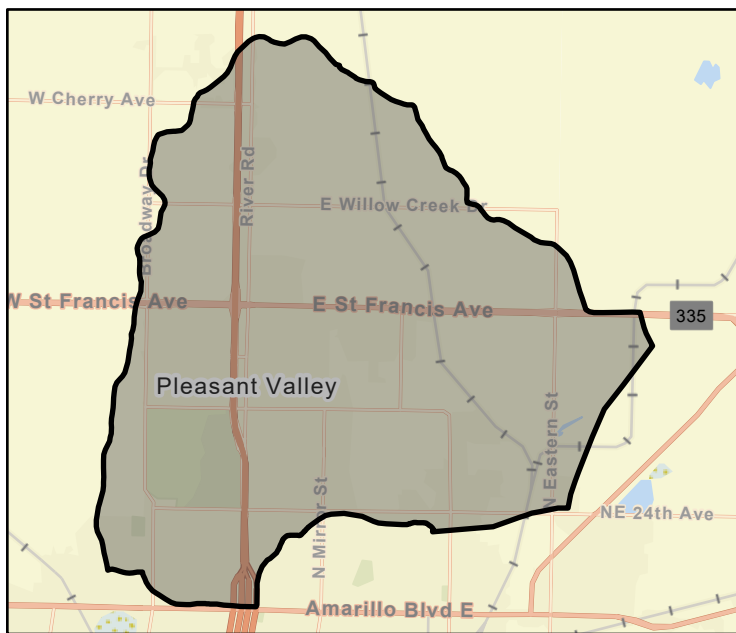
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

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 **165** # of structures **69** Critical facilities **0**

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

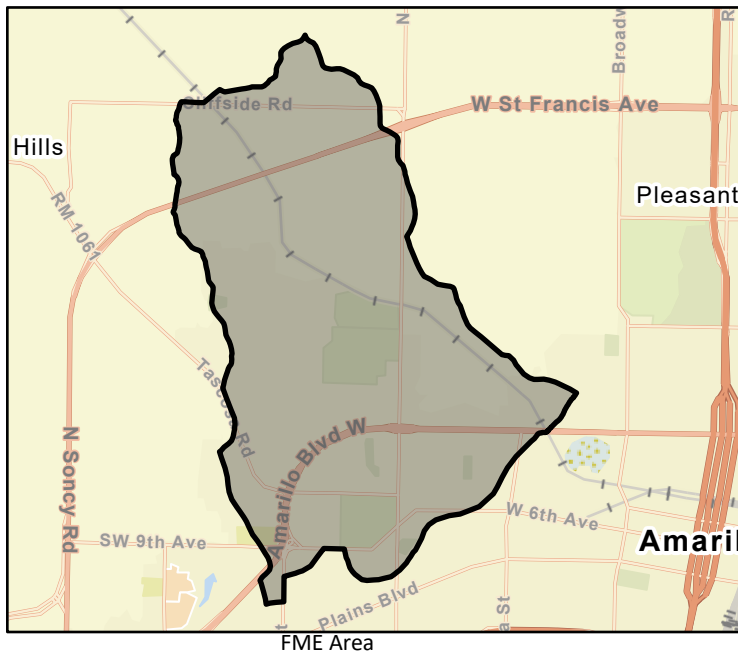
Farm/Ranch land impacted (acres) **124** Roadway(s) impacted (length) **3**

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 - Wolfen 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 1,974 # of structures 48 Critical facilities 1

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

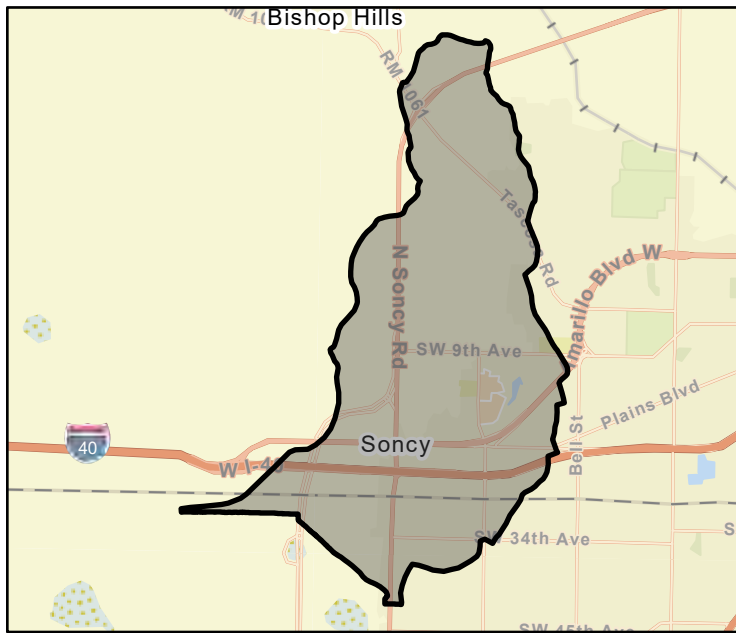
Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5

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 165

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

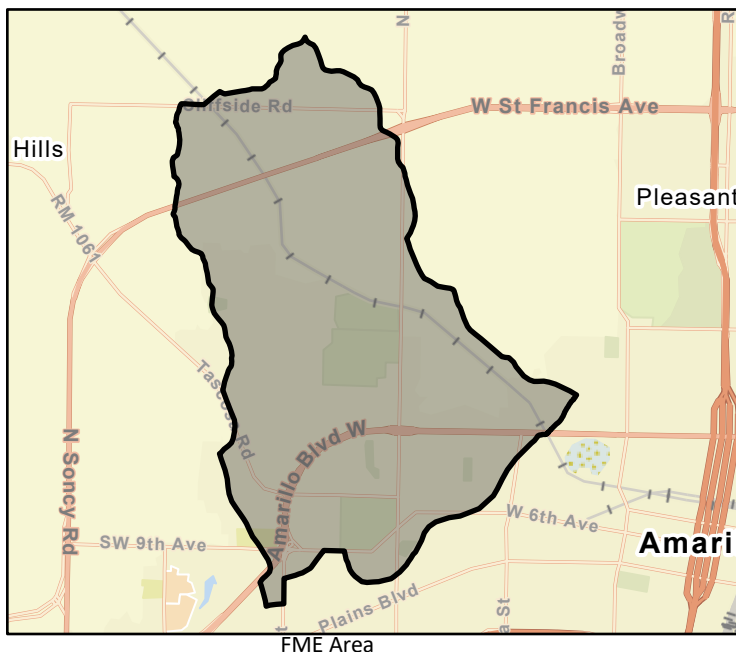
Estimated Cost and Funding Availability

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 395 # of structures 198 Critical facilities 1

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

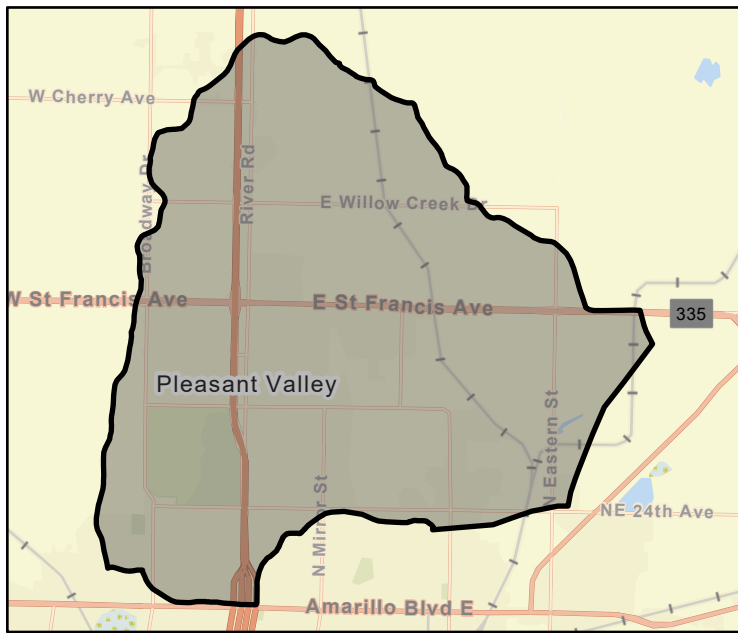
Farm/Ranch land impacted (acres) 182 Roadway(s) impacted (length) 11

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 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 297 # of structures 30 Critical facilities 1

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

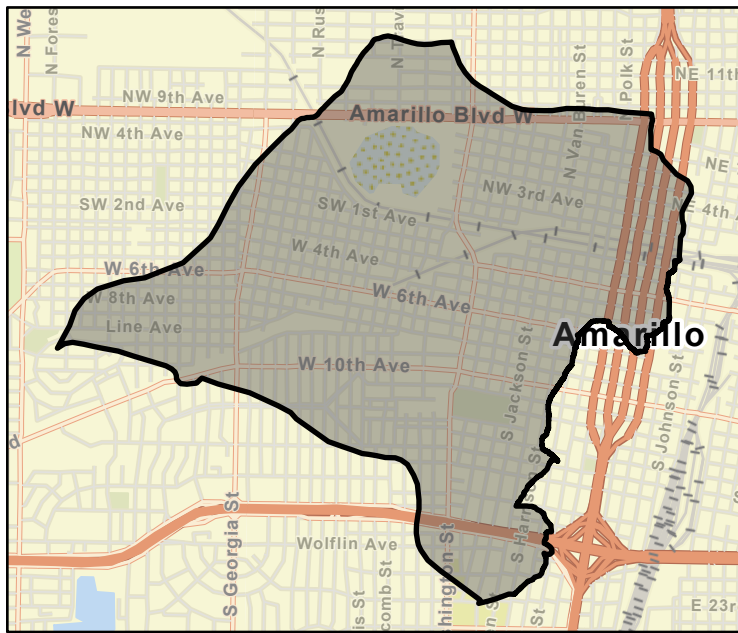
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

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.

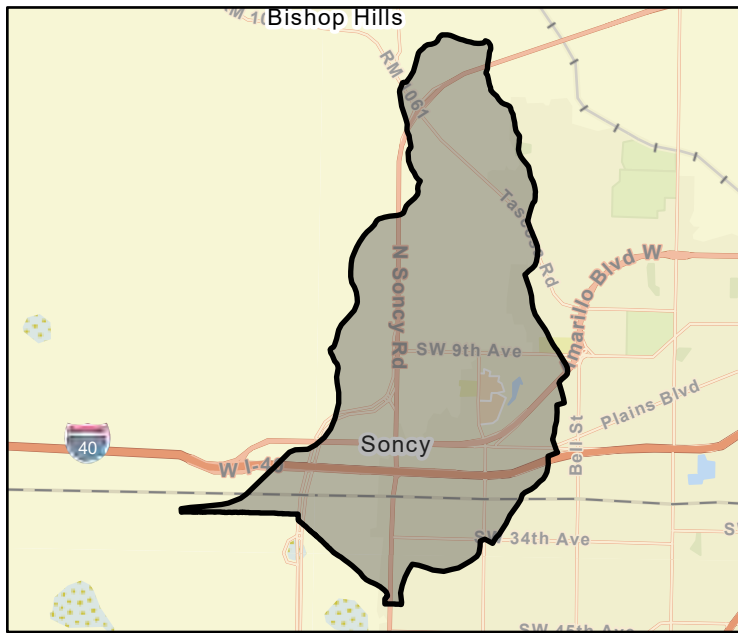
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050308
 Drainage area (Square miles, est.) 11 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

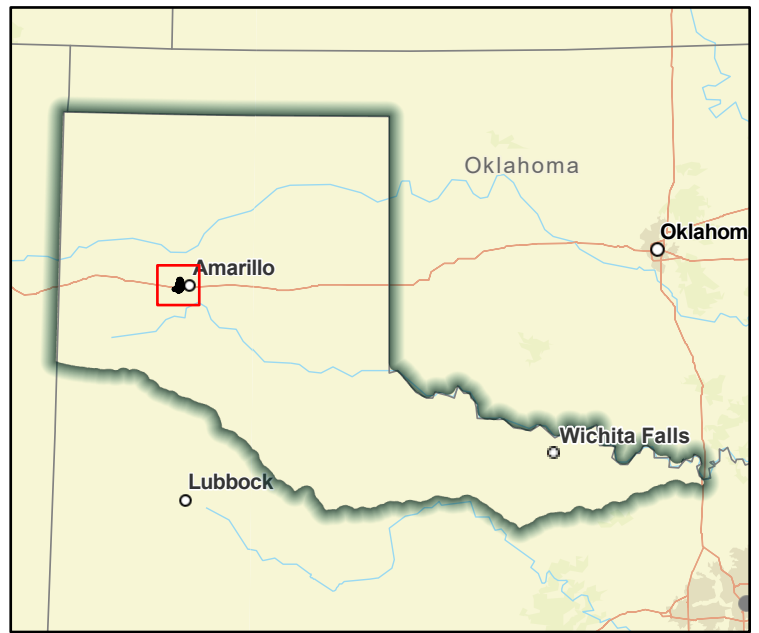
Population at risk 1,974 # of structures 48 Critical facilities 1
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
 Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5
 Number of low water crossings 2 Historical road closures 2

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

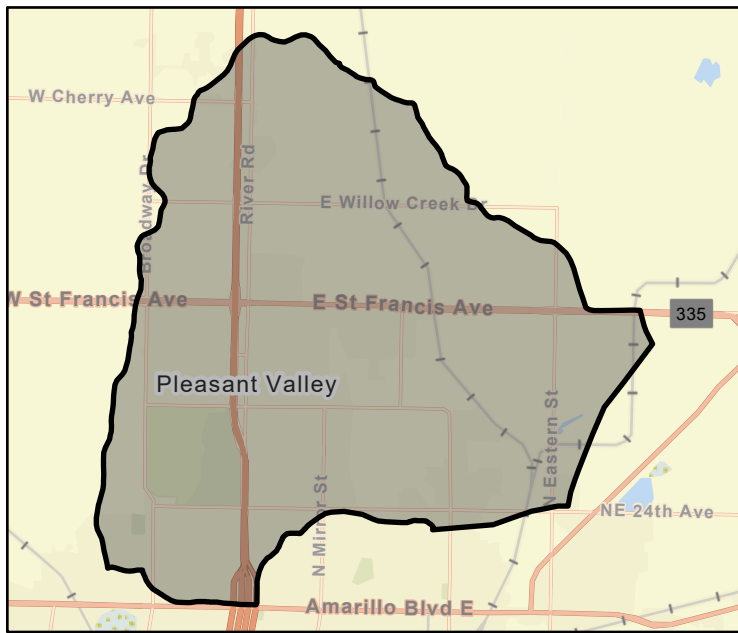
100-Year Flood Risk Summary

Population at risk 395 # 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



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.

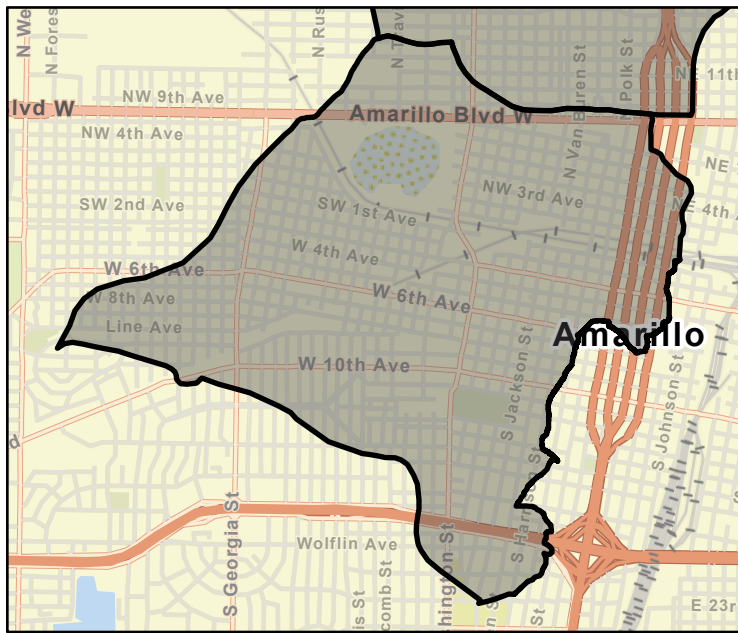
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050402
 Drainage area (Square miles, est.) 4 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 297 # 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 **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**

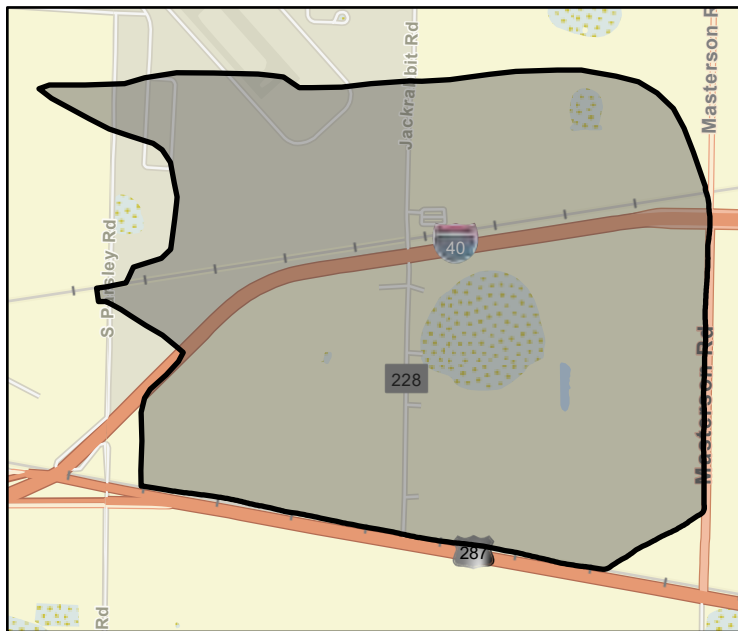
Farm/Ranch land impacted (acres) **68** Roadway(s) impacted (length) **1**

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 297 # of structures 30 Critical facilities 1

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

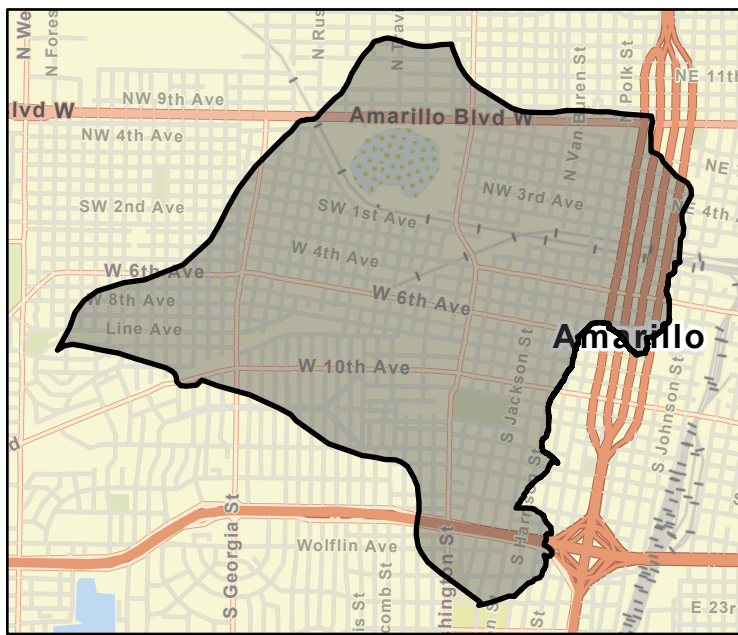
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

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 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.

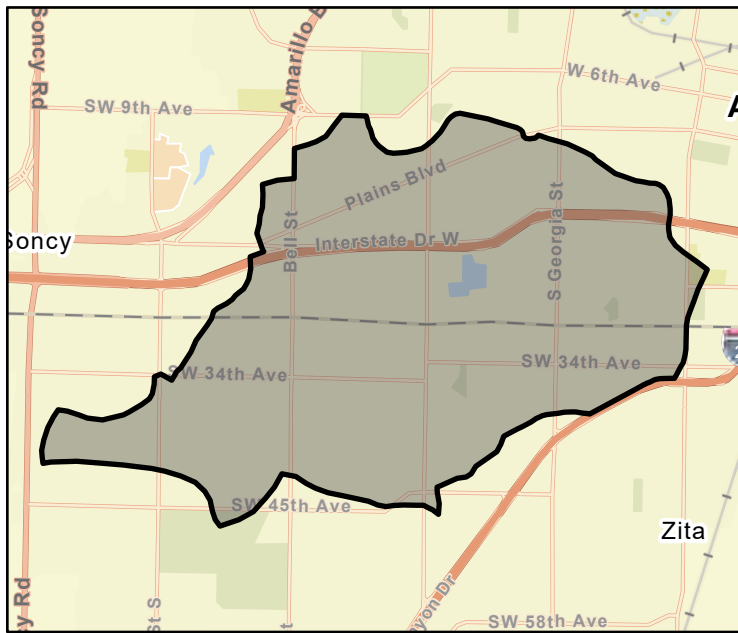
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 864 # 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 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 35 # of structures 14 Critical facilities 0

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

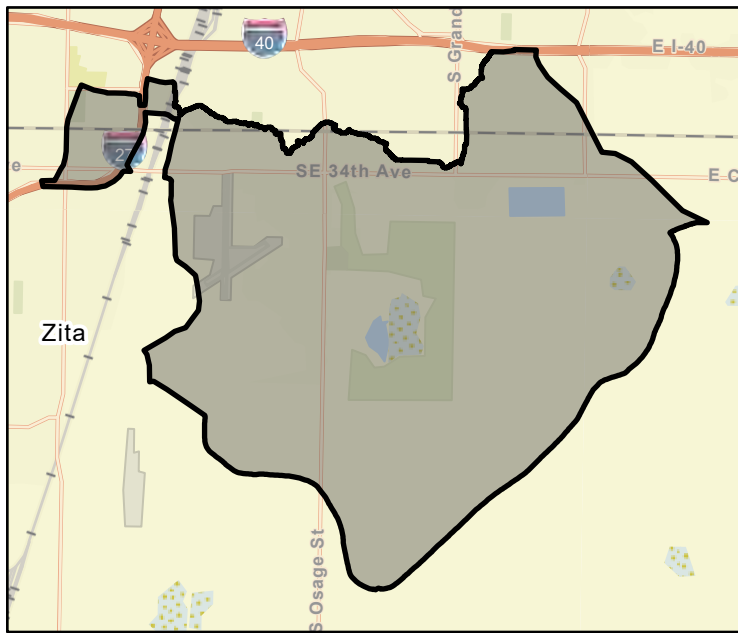
Farm/Ranch land impacted (acres) 224 Roadway(s) impacted (length) 4

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 297 # of structures 30 Critical facilities 1

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

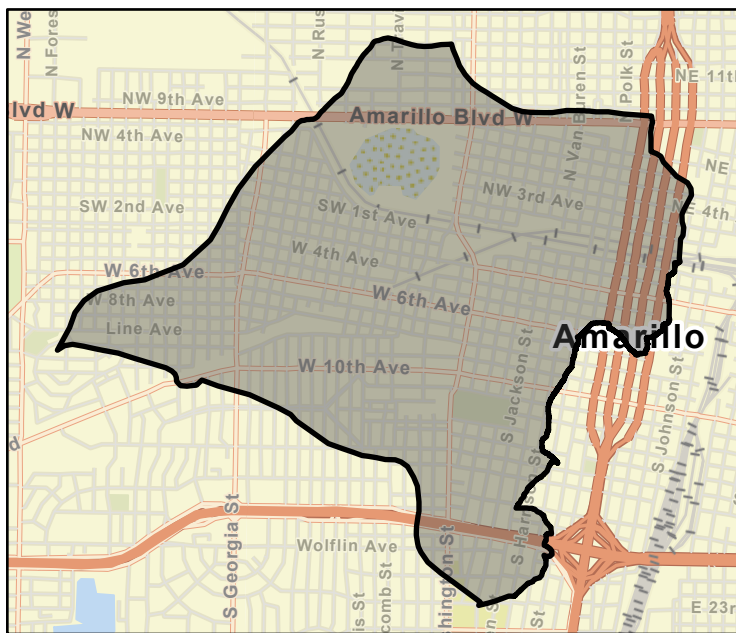
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

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 864 # of structures 133 Critical facilities 1

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

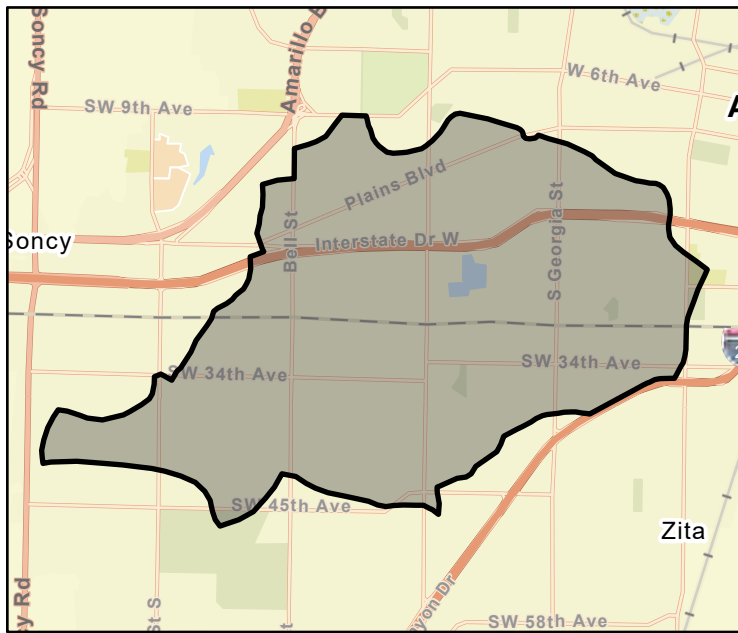
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 19

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.

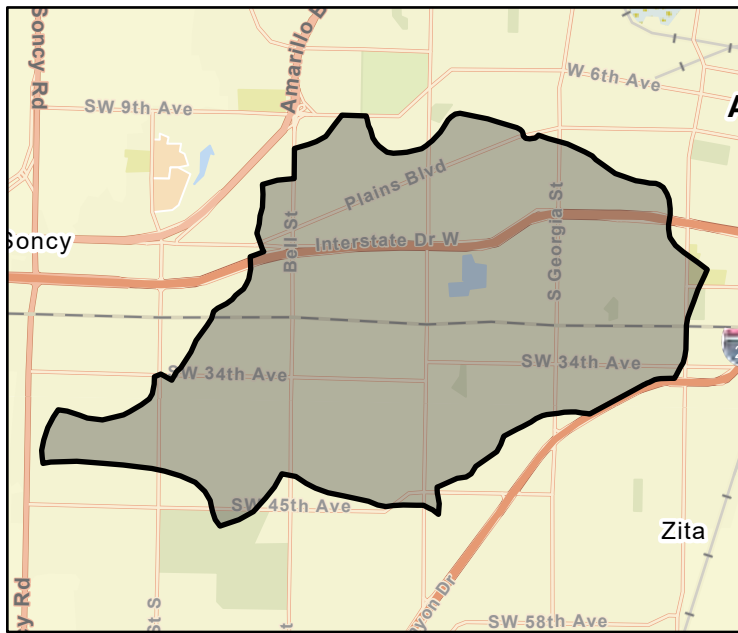
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 864 # 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



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.

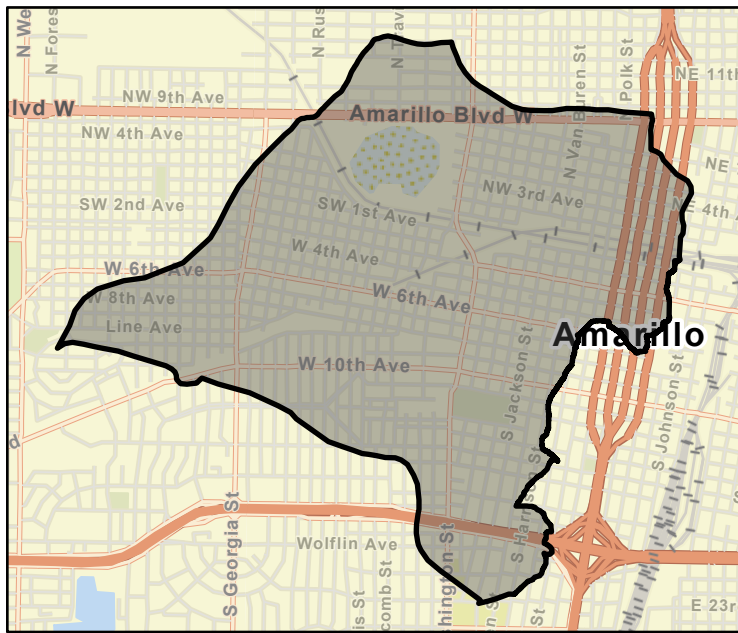
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter Watershed HUC# (if known) 110901050402
 Drainage area (Square miles, est.) 4 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 297 # 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 **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 **750** # of structures **200** Critical facilities **0**

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

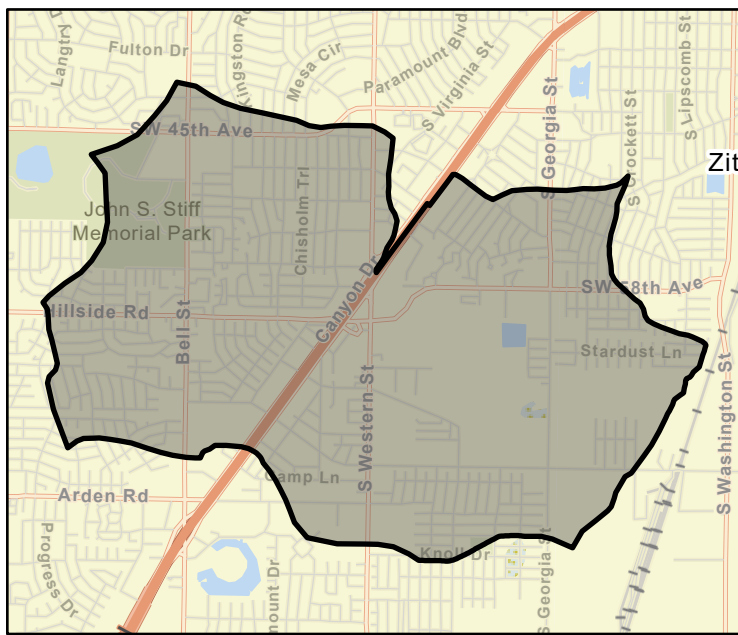
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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 **750** # of structures **200** Critical facilities **0**

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

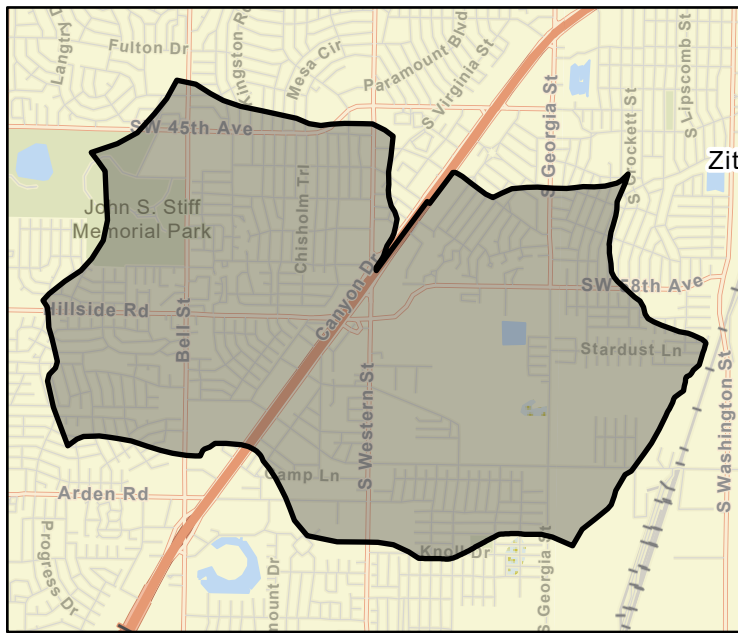
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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**

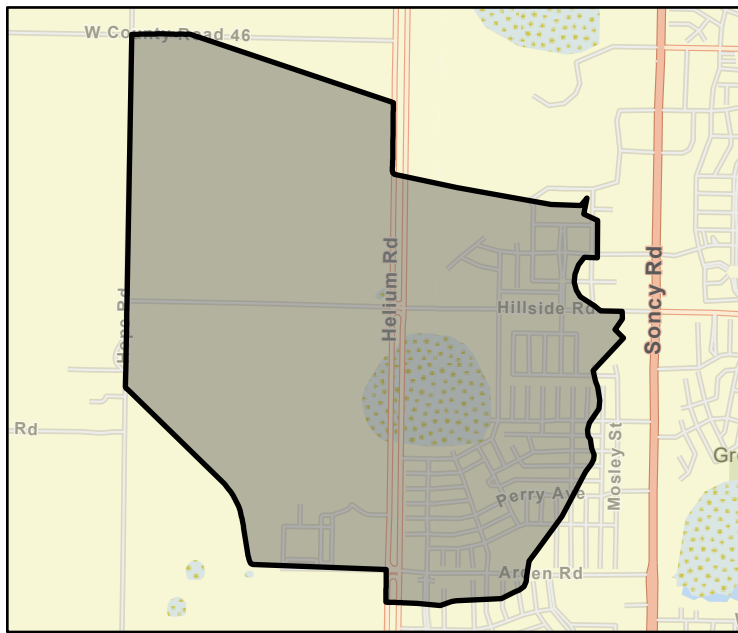
Farm/Ranch land impacted (acres) **52** Roadway(s) impacted (length) **2**

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 66 # of structures 13 Critical facilities 0

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

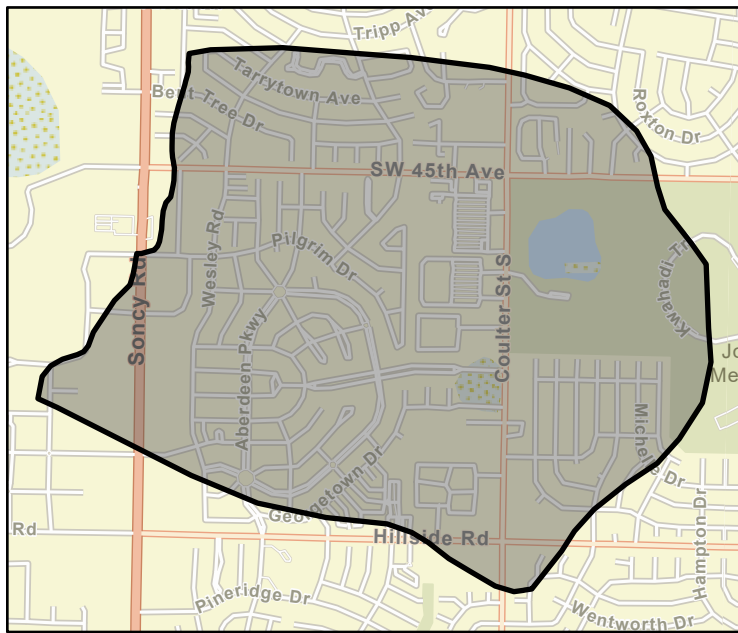
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 4

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 **35** # of structures **7** Critical facilities **0**

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

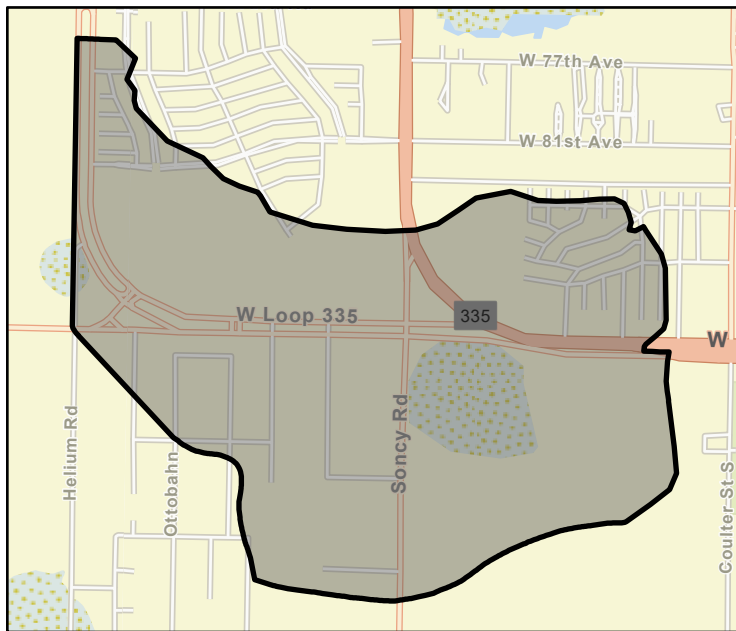
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **1**

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

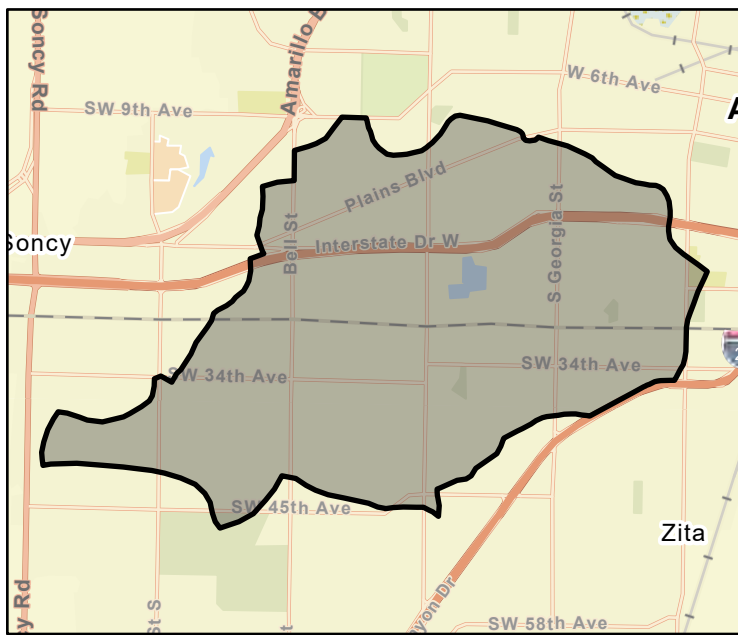
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 110901050308, 110901050402, 111201030101, 111201030106
 Drainage area (Square miles, est.) 9 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

Population at risk 864 # 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**

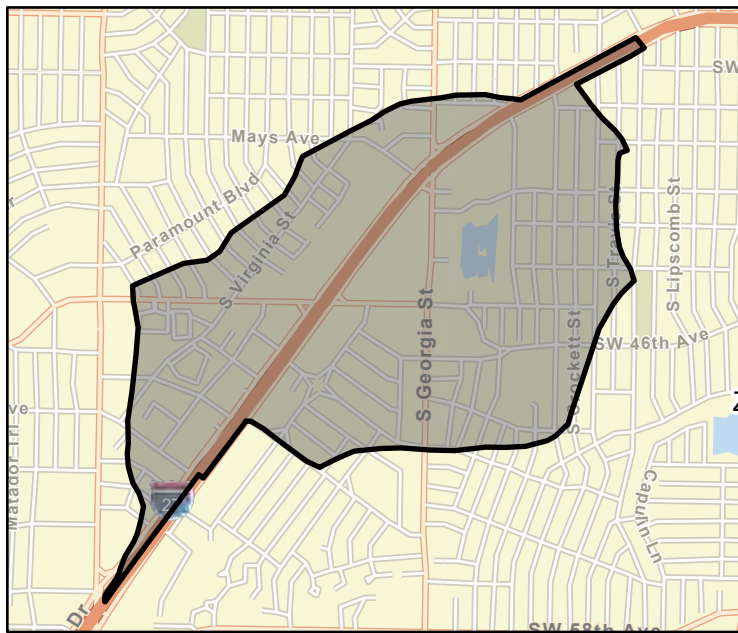
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201030101, 111201030102**
 Drainage area (Square miles, est.) **1** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **525** # 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**

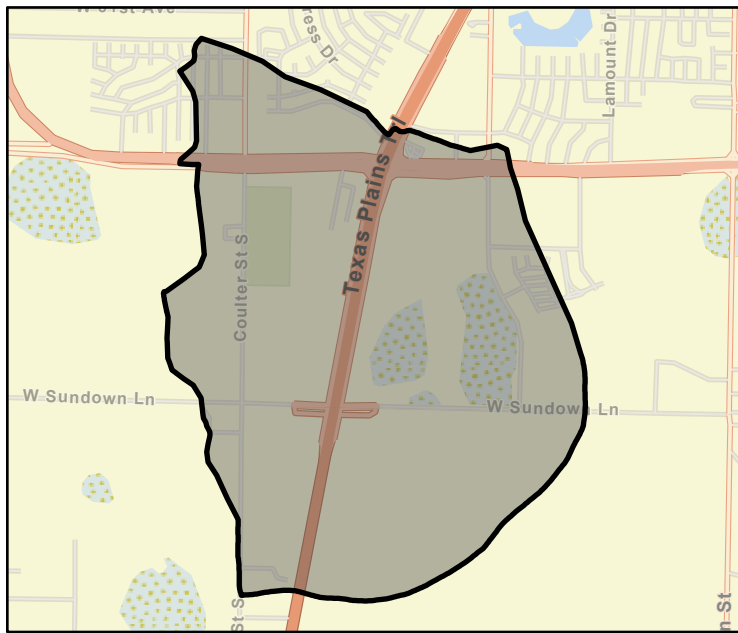
Farm/Ranch land impacted (acres) **57** Roadway(s) impacted (length) **2**

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

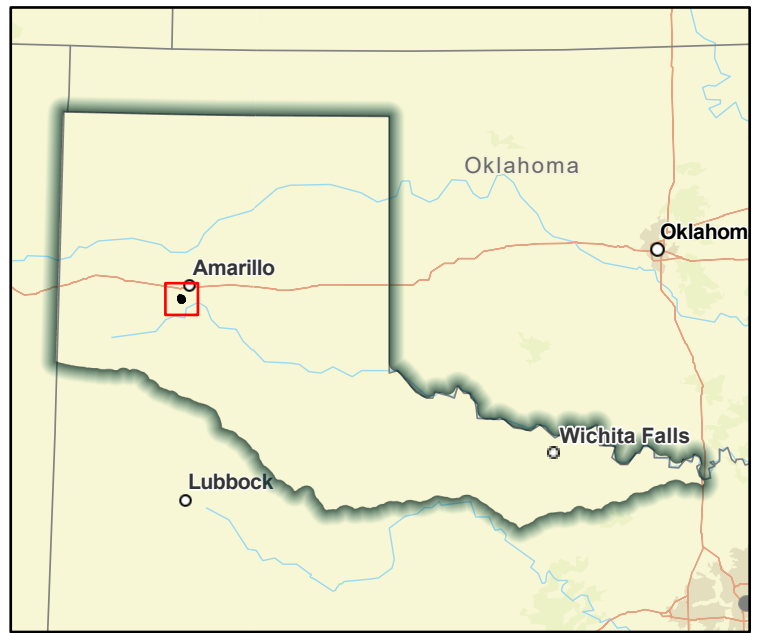
Estimated Cost and Funding Availability

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

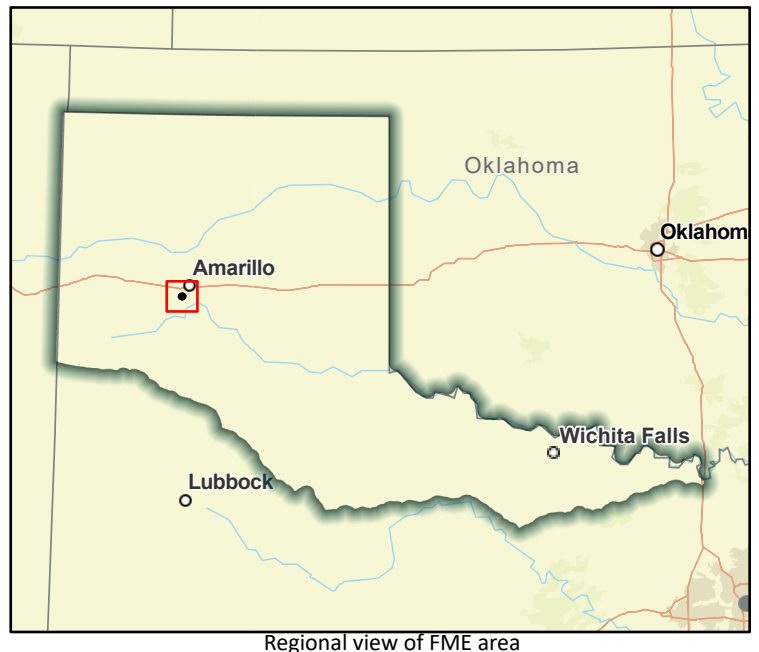
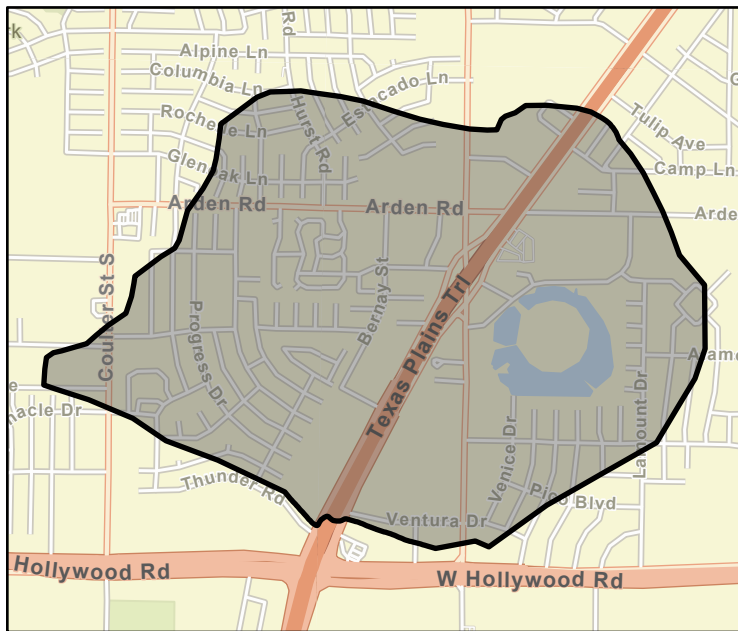
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

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



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 **750** # of structures **200** Critical facilities **0**

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

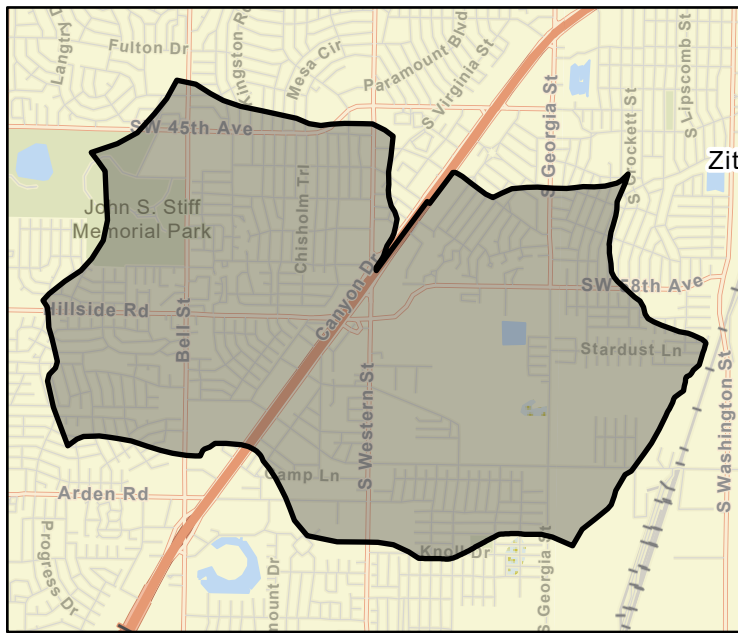
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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 859 # of structures 238 Critical facilities 0

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

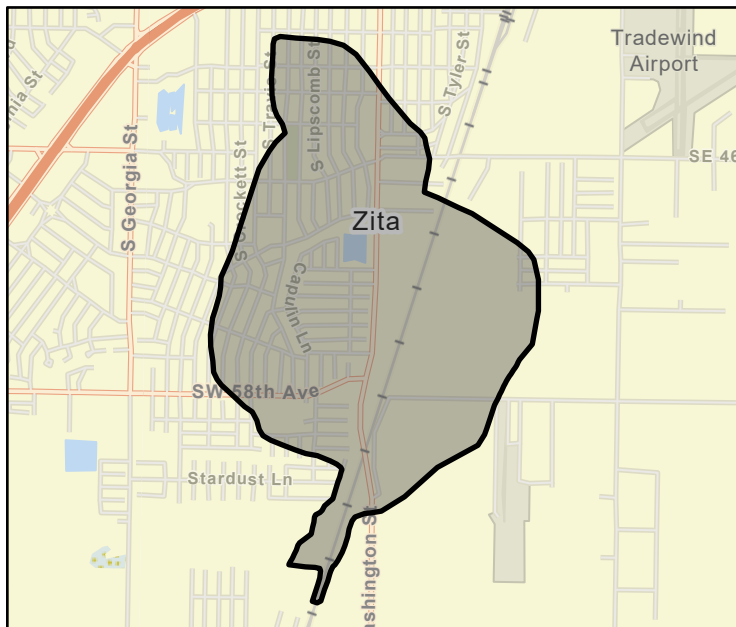
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 4

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 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 864 # of structures 133 Critical facilities 1

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

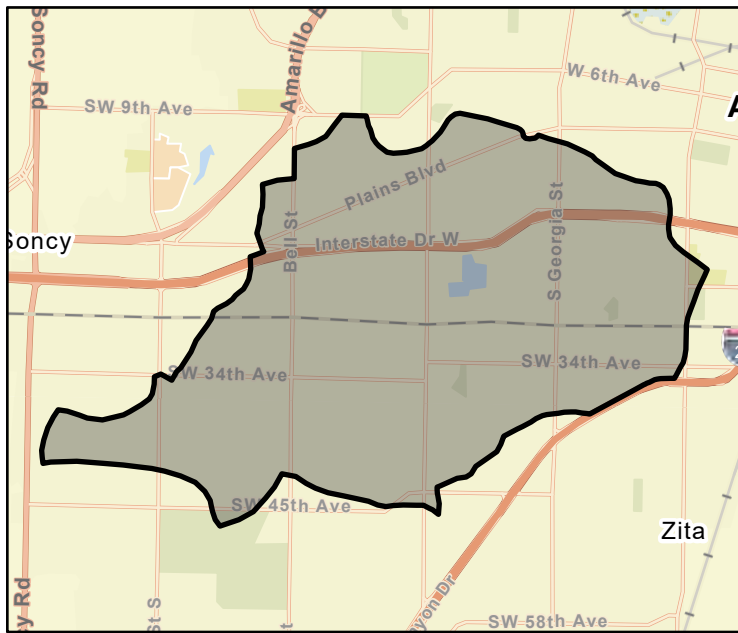
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 19

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 864 # of structures 133 Critical facilities 1

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

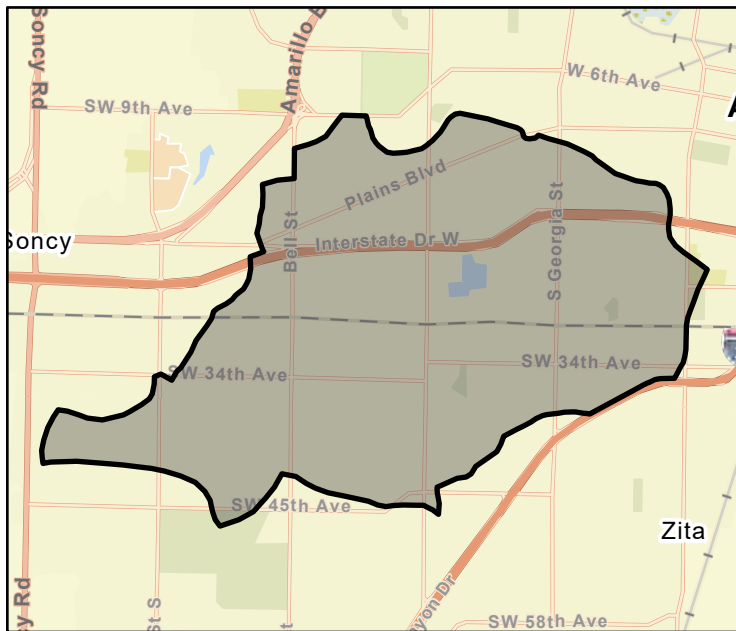
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 19

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 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 864 # of structures 133 Critical facilities 1

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

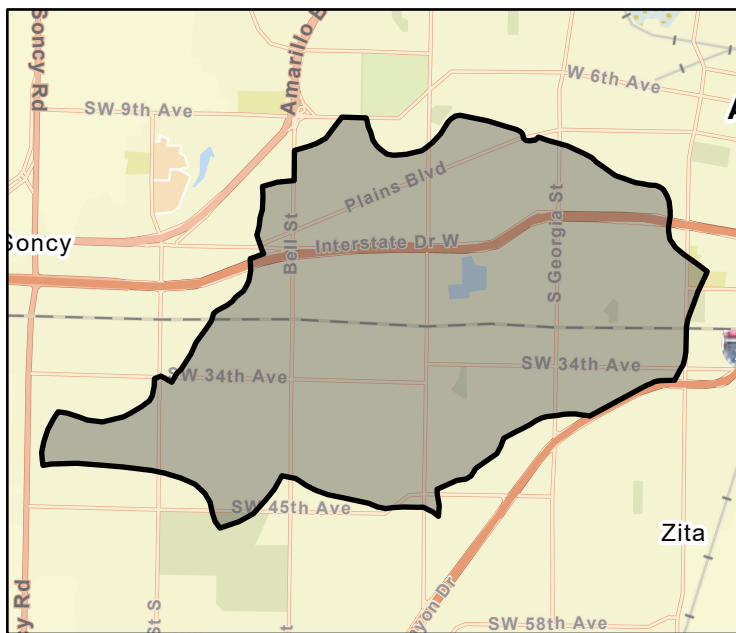
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 19

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 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 66 # of structures 13 Critical facilities 0

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

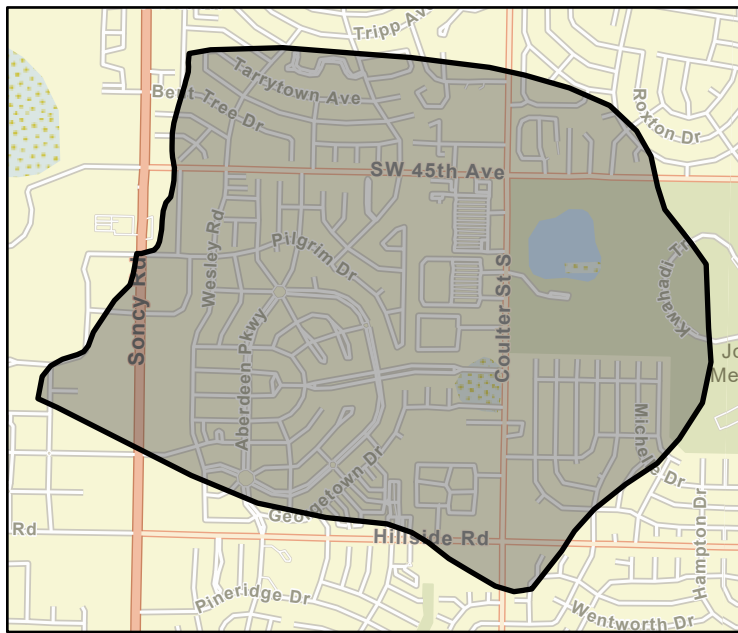
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 4

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 **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**

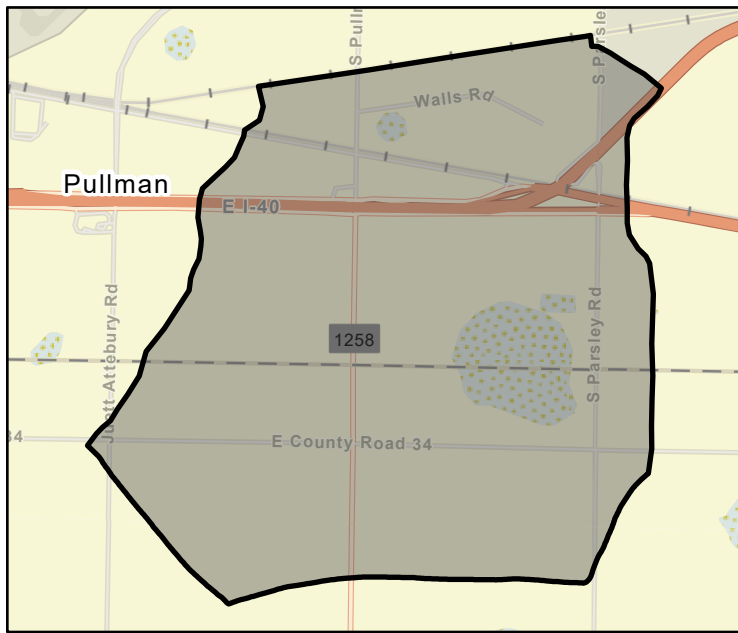
Farm/Ranch land impacted (acres) **134** Roadway(s) impacted (length) **2**

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

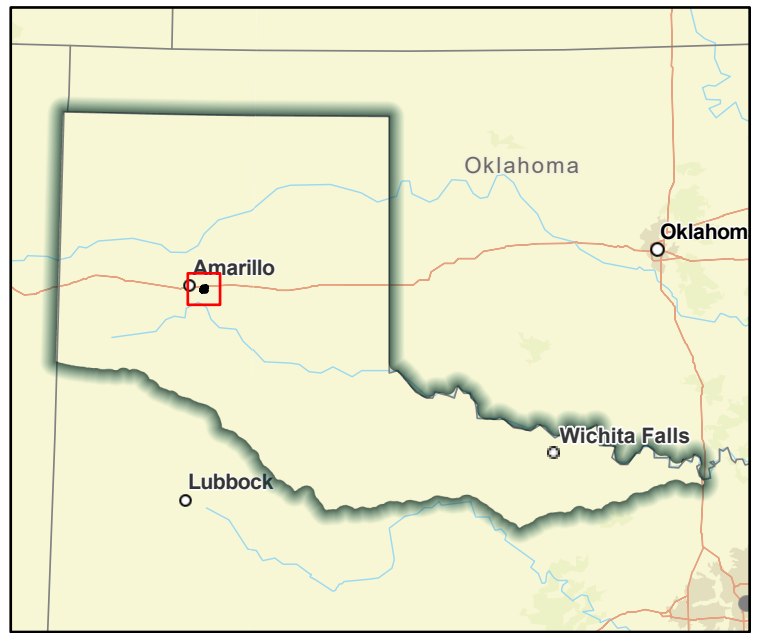
Estimated Cost and Funding Availability

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 **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 **5** # of structures **2** Critical facilities **0**

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

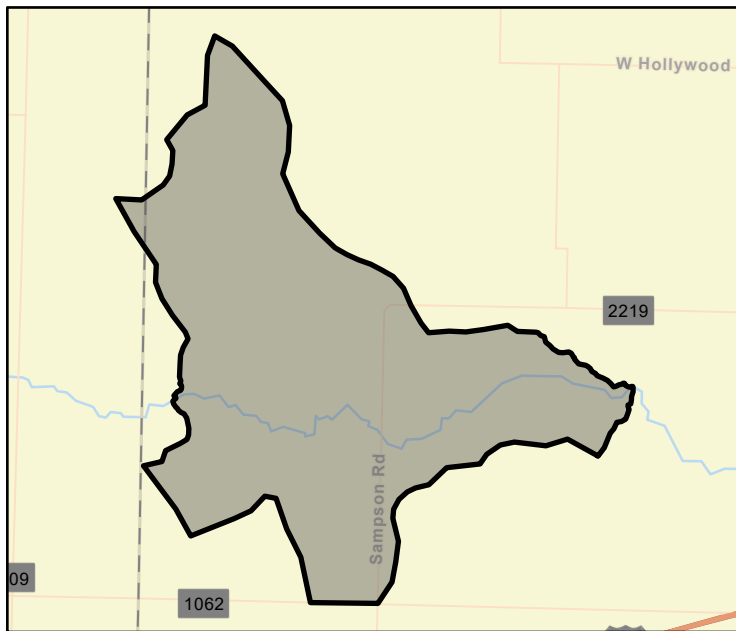
Farm/Ranch land impacted (acres) **1,041** Roadway(s) impacted (length) **2**

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 1,974 # of structures 48 Critical facilities 1

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

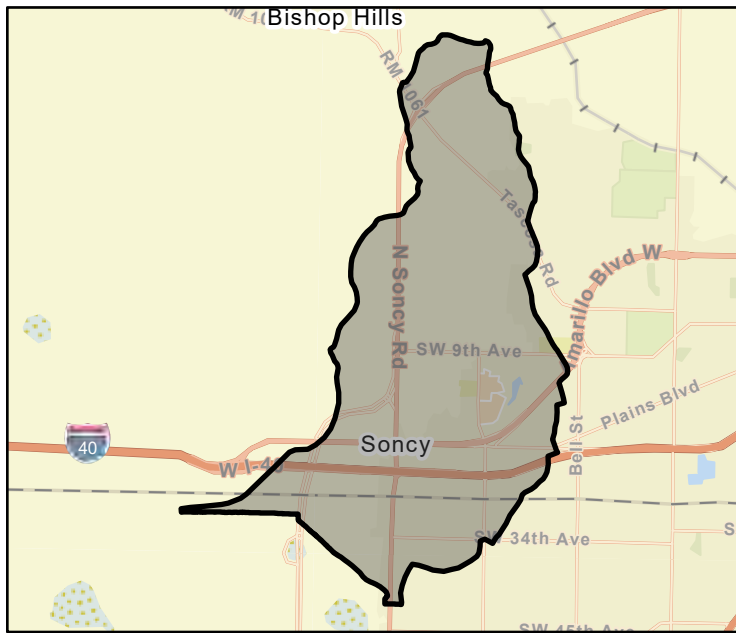
Farm/Ranch land impacted (acres) 188 Roadway(s) impacted (length) 5

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 **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 **750** # of structures **200** Critical facilities **0**

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

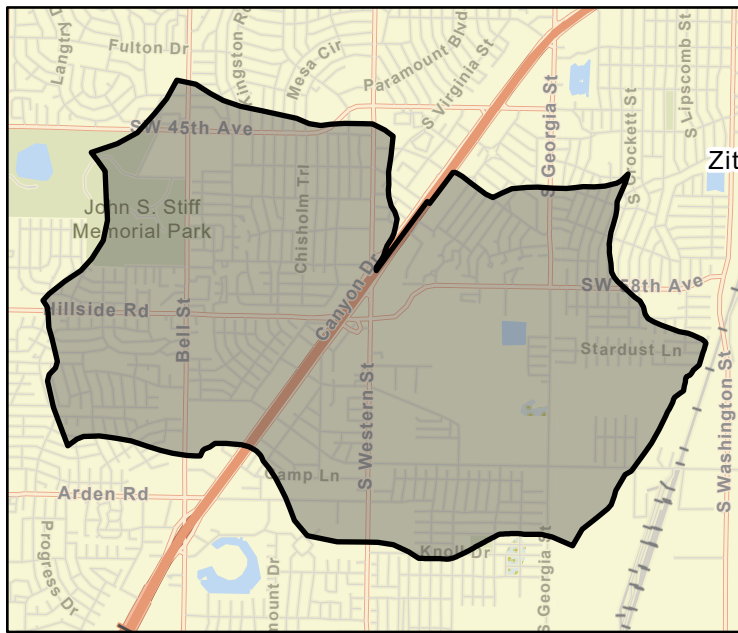
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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.**

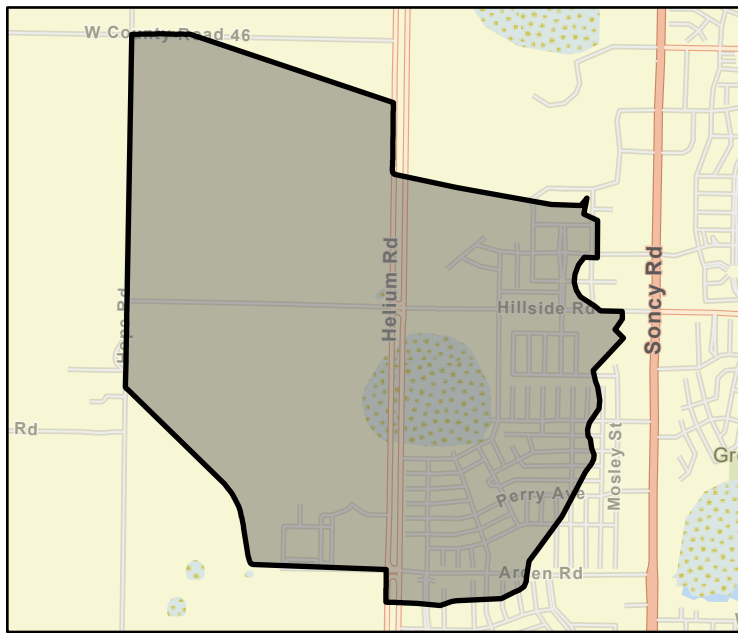
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201020303, 111201030101**
 Drainage area (Square miles, est.) **3** Goal(s) **01000003, 01000004**

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 66

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

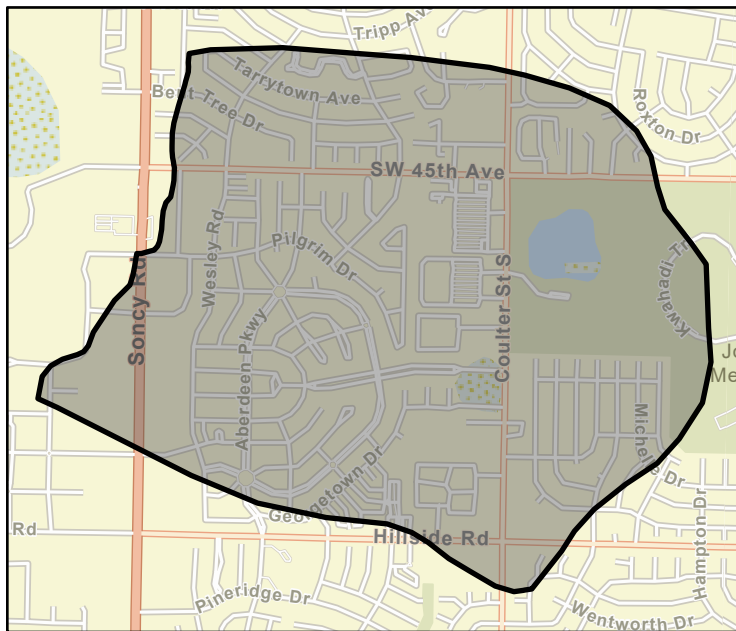
Estimated Cost and Funding Availability

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 **66** # of structures **13** Critical facilities **0**

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

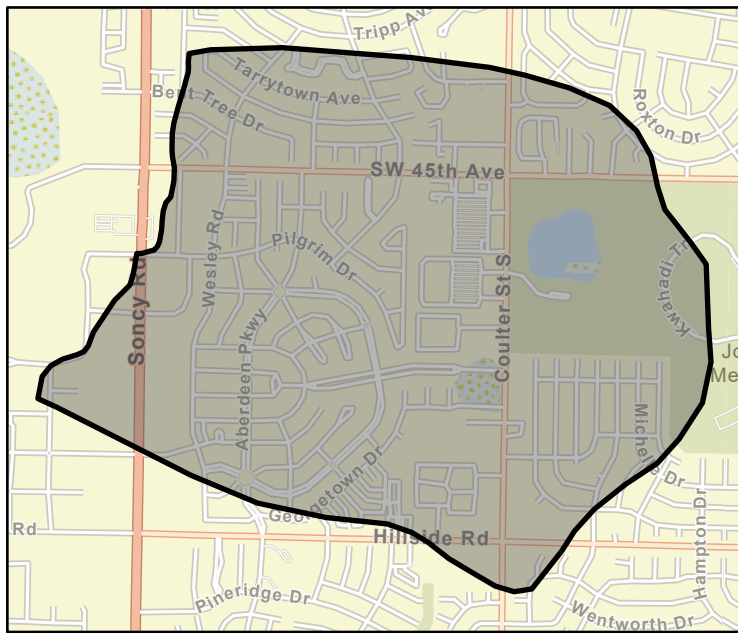
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **4**

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.

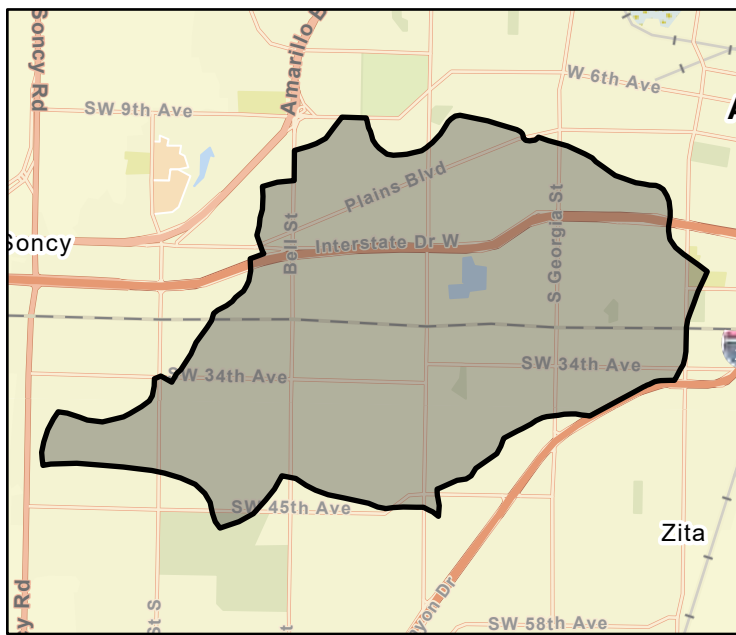
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Potter, Randall Watershed HUC# (if known) 111201030101
 Drainage area (Square miles, est.) 9 Goal(s) 01000003, 01000004

100-Year Flood Risk Summary

Population at risk 864 # 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**

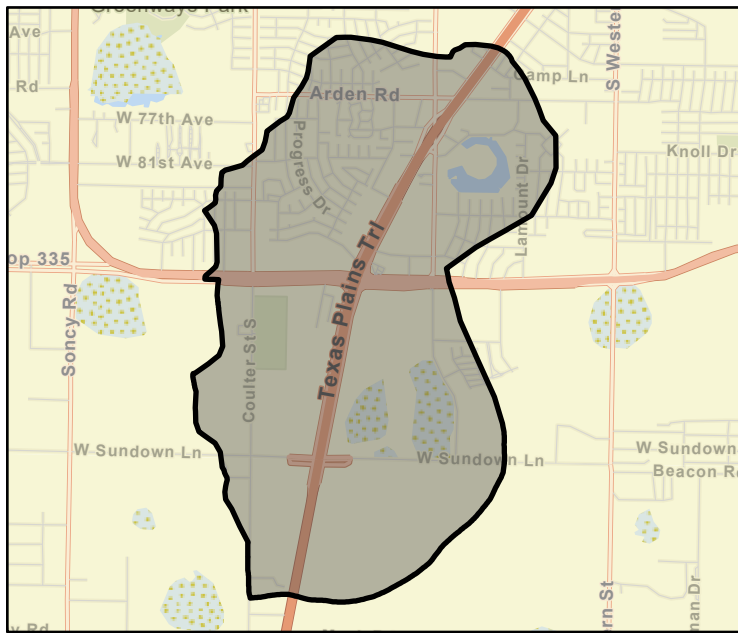
Farm/Ranch land impacted (acres) **57** Roadway(s) impacted (length) **4**

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

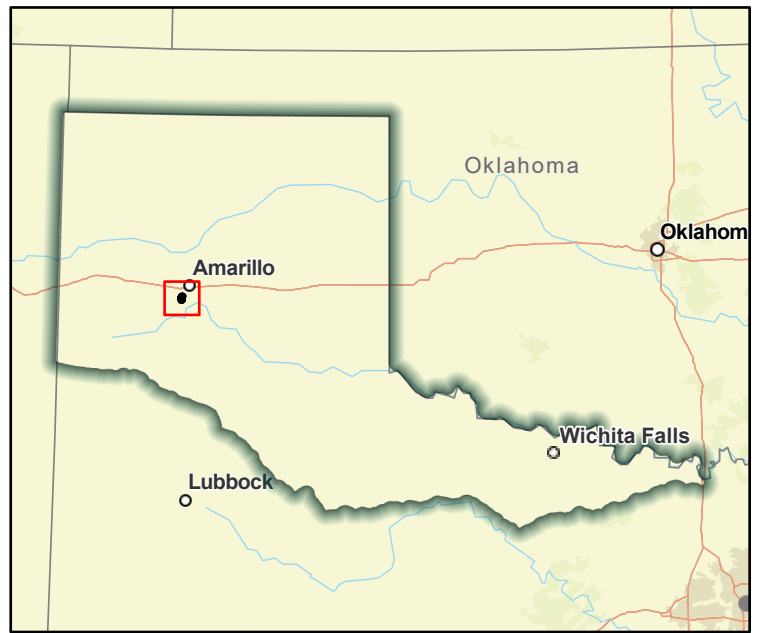
Estimated Cost and Funding Availability

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 **750** # of structures **200** Critical facilities **0**

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

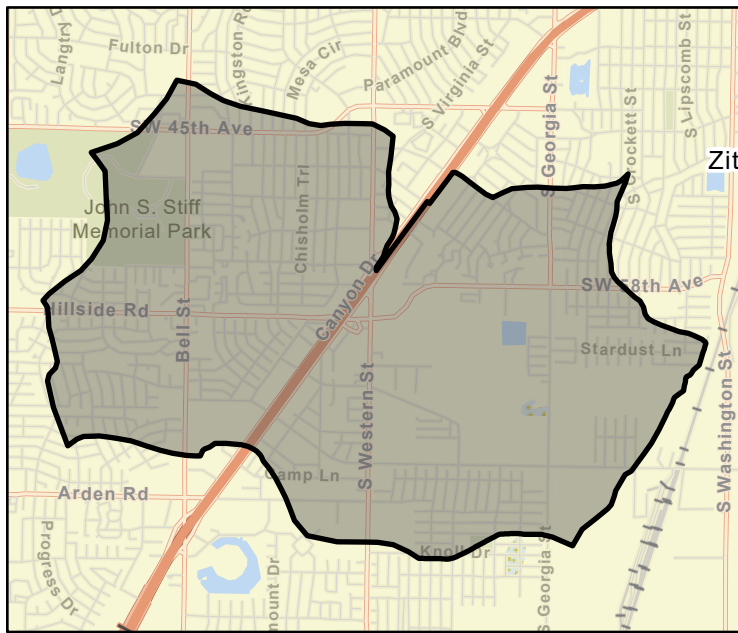
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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 **750** # of structures **200** Critical facilities **0**

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

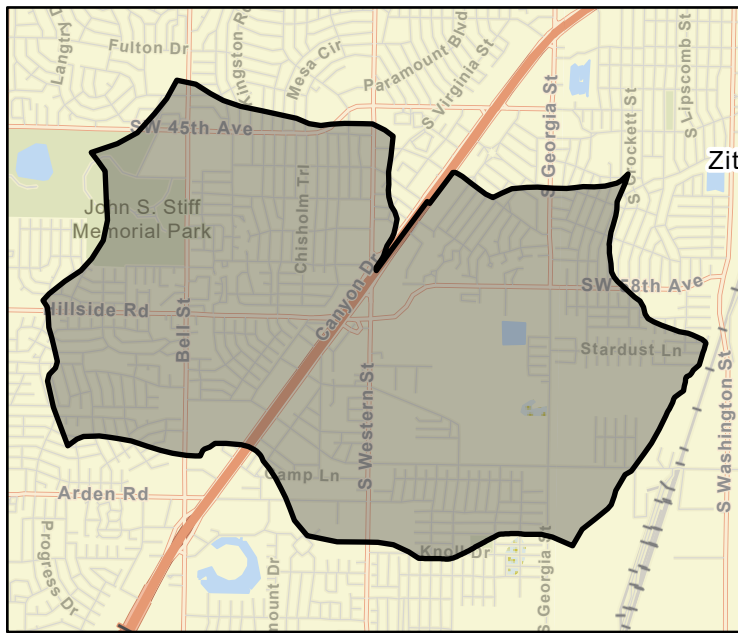
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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 859

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

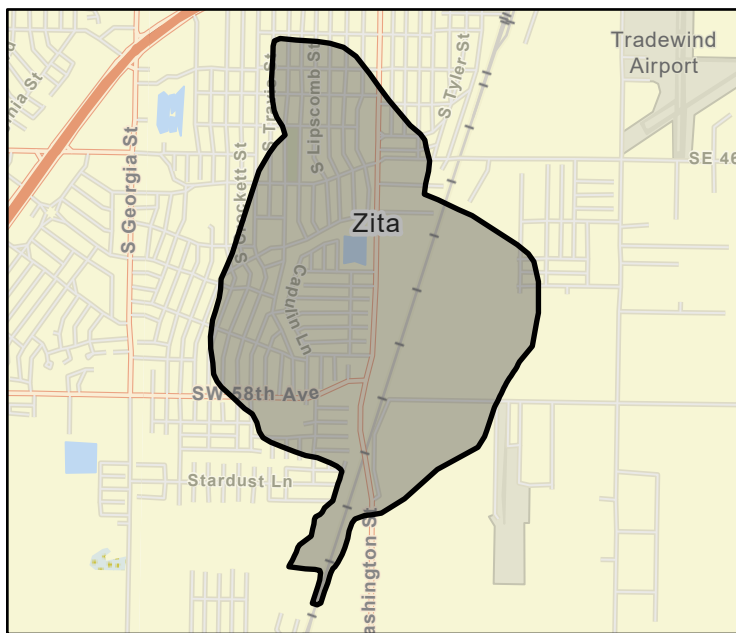
Estimated Cost and Funding Availability

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 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

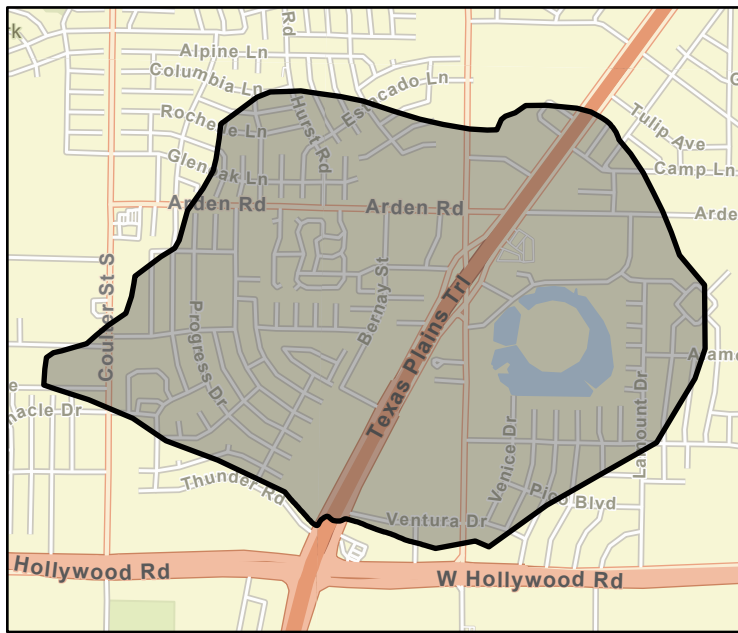
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

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.**

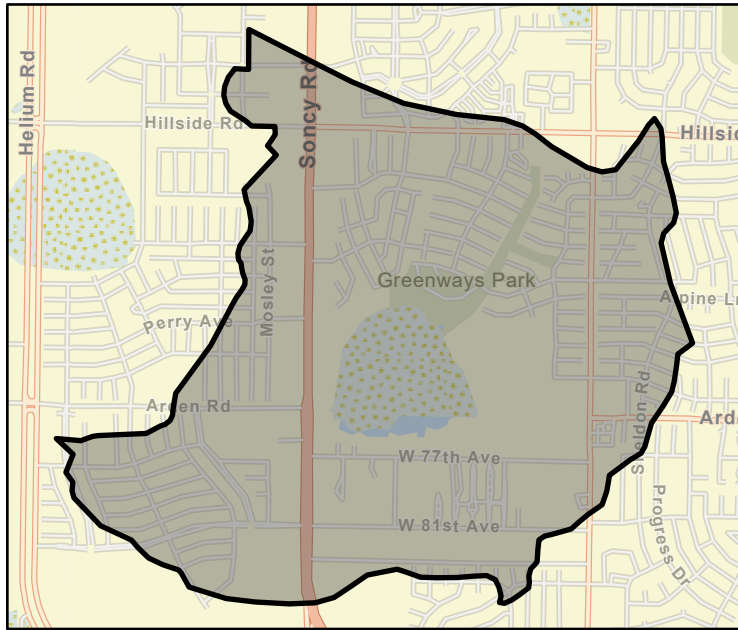
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201030101**
 Drainage area (Square miles, est.) **3** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **81** # 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 **750** # of structures **200** Critical facilities **0**

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

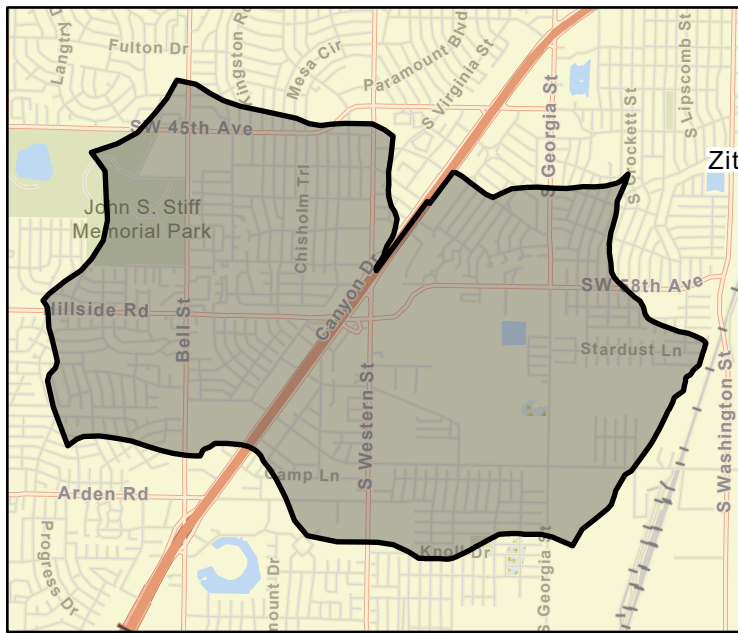
Farm/Ranch land impacted (acres) **54** Roadway(s) impacted (length) **13**

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

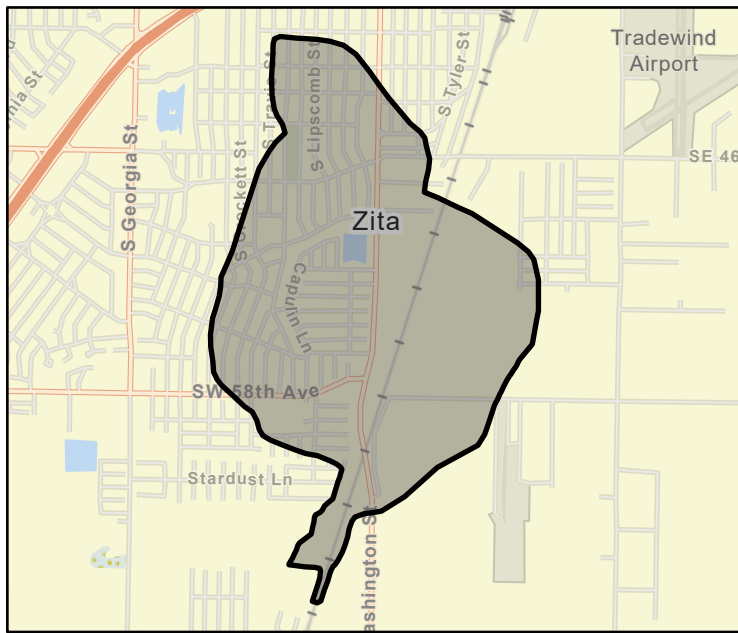
100-Year Flood Risk Summary

Population at risk 859 # 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.**

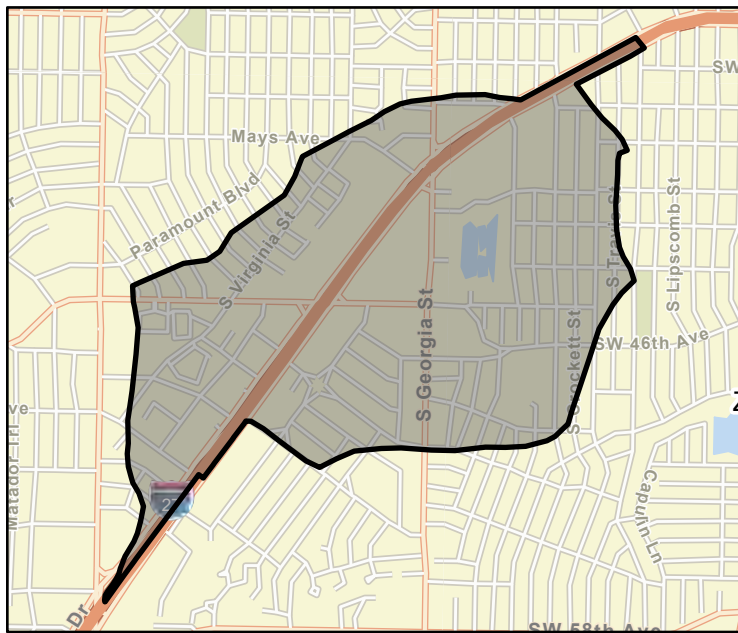
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201030101**
 Drainage area (Square miles, est.) **1** Goal(s) **01000003, 01000004**

100-Year Flood Risk Summary

Population at risk **525** # 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 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 35 # of structures 14 Critical facilities 0

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

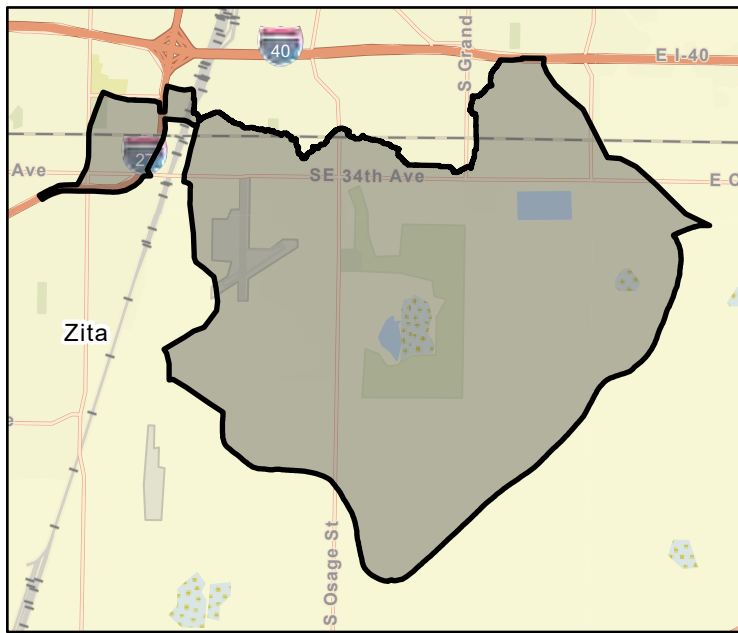
Farm/Ranch land impacted (acres) 224 Roadway(s) impacted (length) 4

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 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

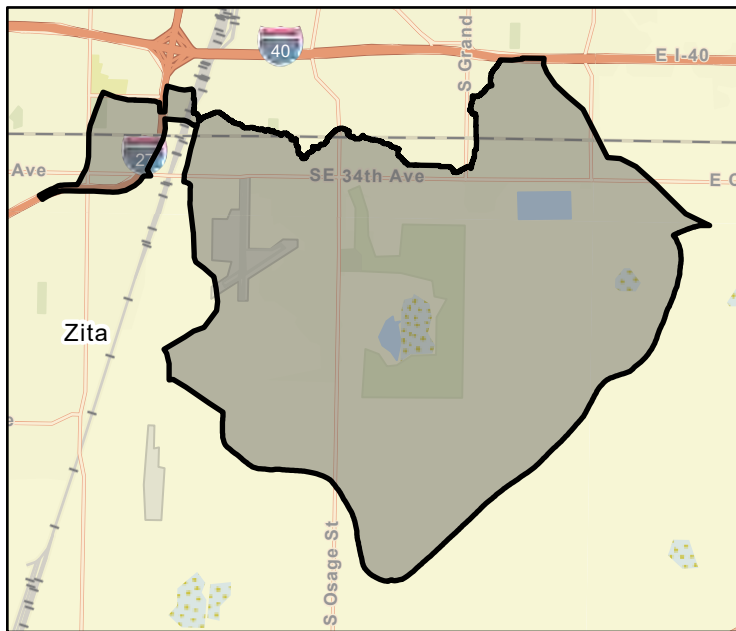
100-Year Flood Risk Summary

Population at risk 35 # 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 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 12,344 # of structures 1,703 Critical facilities 7

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

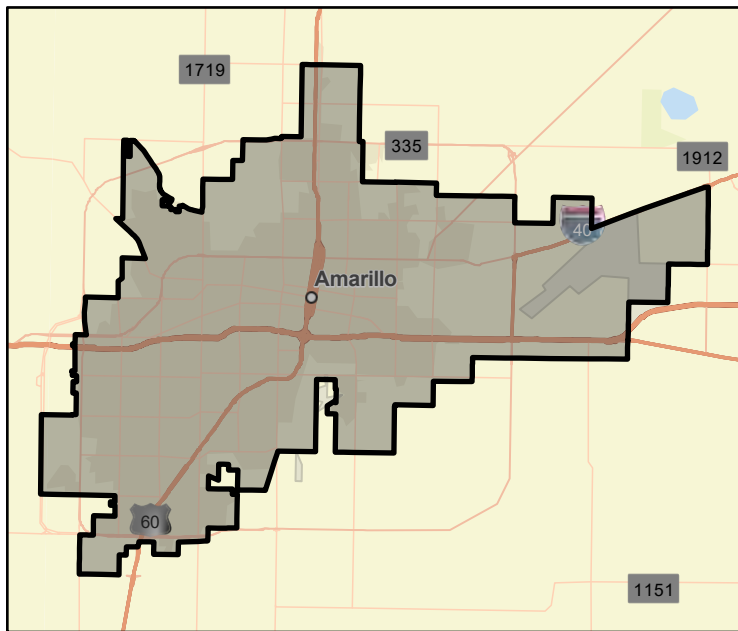
Farm/Ranch land impacted (acres) 213 Roadway(s) impacted (length) 103

Number of low water crossings 6 Historical road closures 6

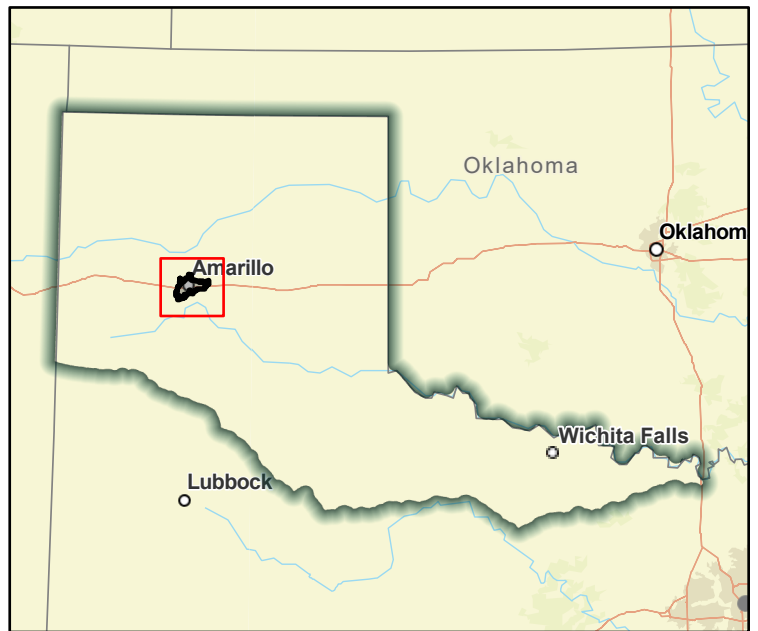
Estimated Cost and Funding Availability

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 **12,344** # of structures **1,703** Critical facilities **7**

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

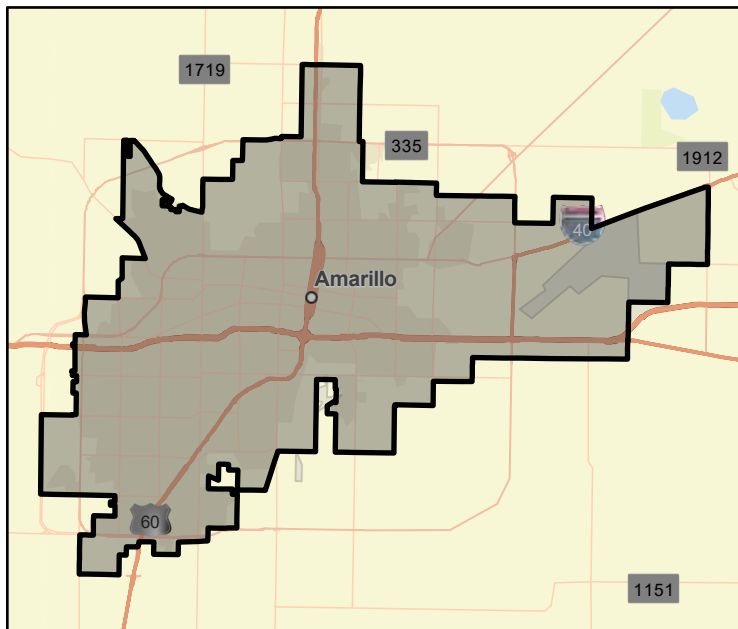
Farm/Ranch land impacted (acres) **213** Roadway(s) impacted (length) **103**

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

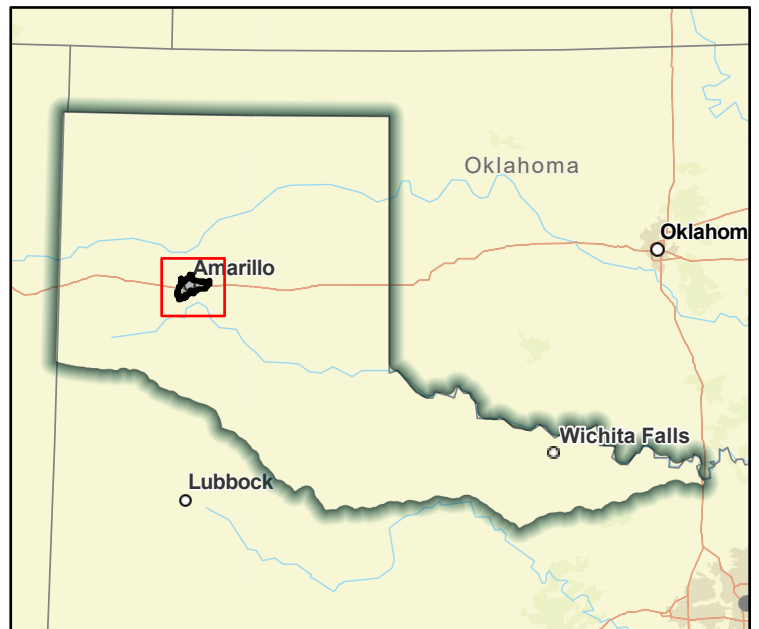
Estimated Cost and Funding Availability

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 **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 **12,344** # of structures **1,703** Critical facilities **7**

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

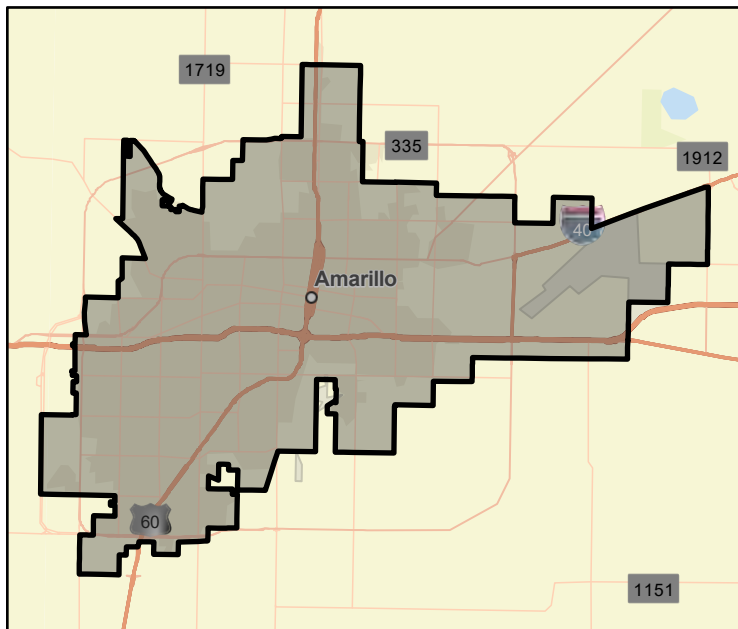
Farm/Ranch land impacted (acres) **213** Roadway(s) impacted (length) **103**

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 **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**

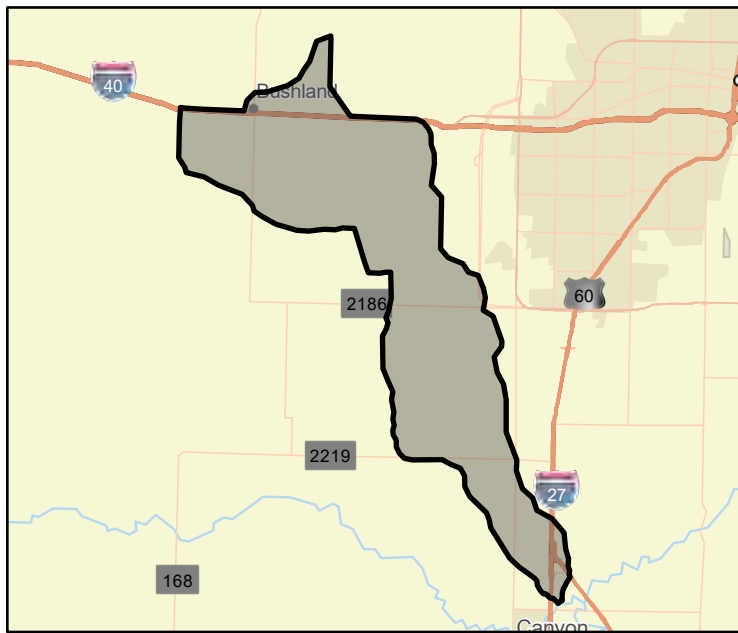
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Potter, Randall** Watershed HUC# (if known) **111201020303**
 Drainage area (Square miles, est.) **44** Goal(s) **01000001, 01000002**

100-Year Flood Risk Summary

Population at risk **134** # 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 **554** # of structures **147** Critical facilities **2**

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

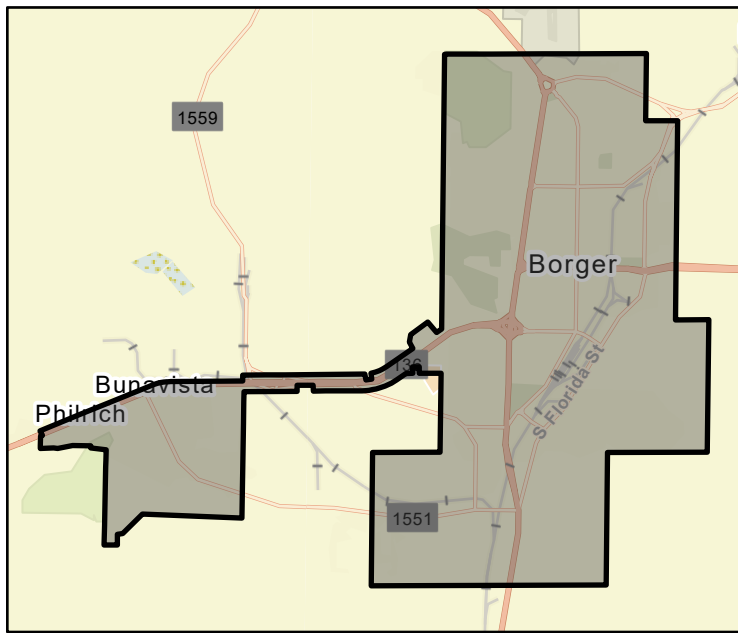
Farm/Ranch land impacted (acres) **13** Roadway(s) impacted (length) **5**

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 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 117 # of structures 76 Critical facilities 0

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

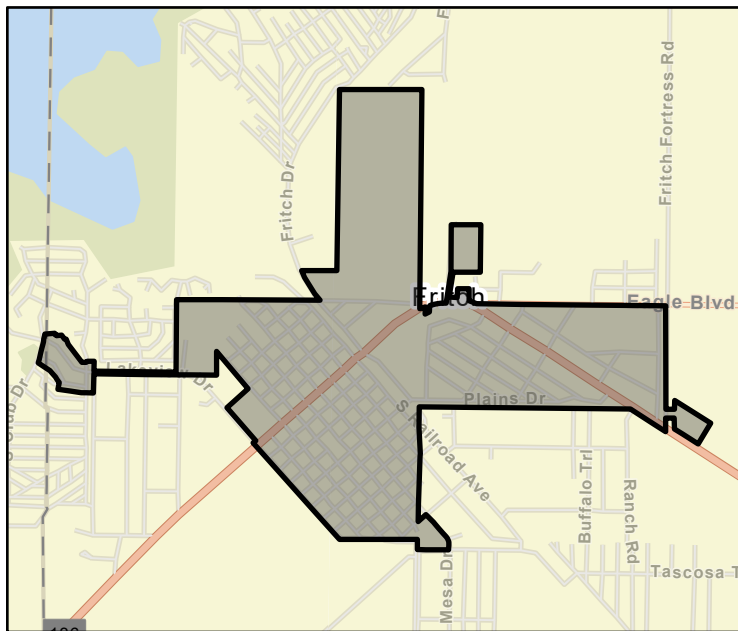
Farm/Ranch land impacted (acres) 6 Roadway(s) impacted (length) 4

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**

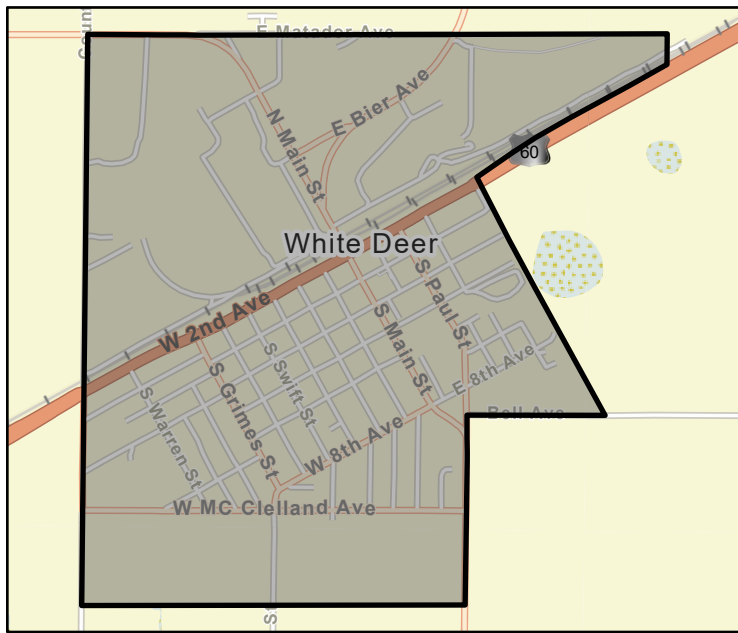
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **0**

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

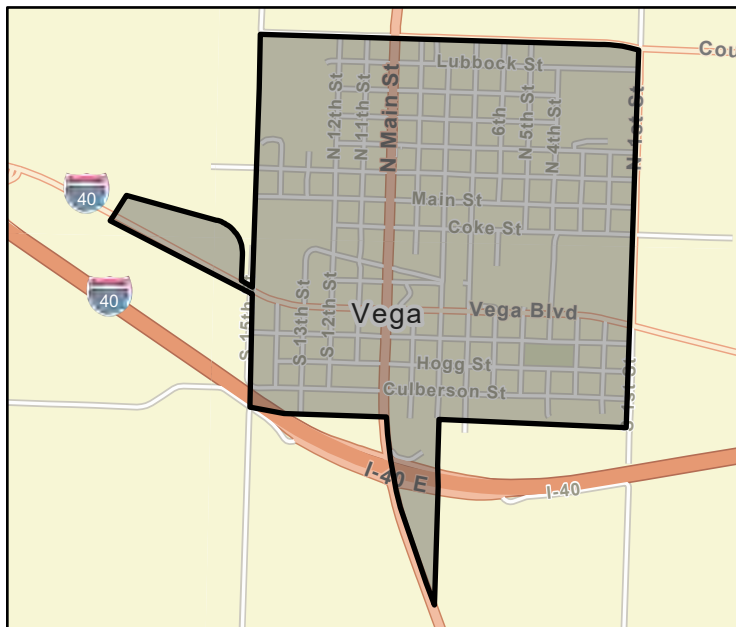
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

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 **105** # of structures **47** Critical facilities **0**

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

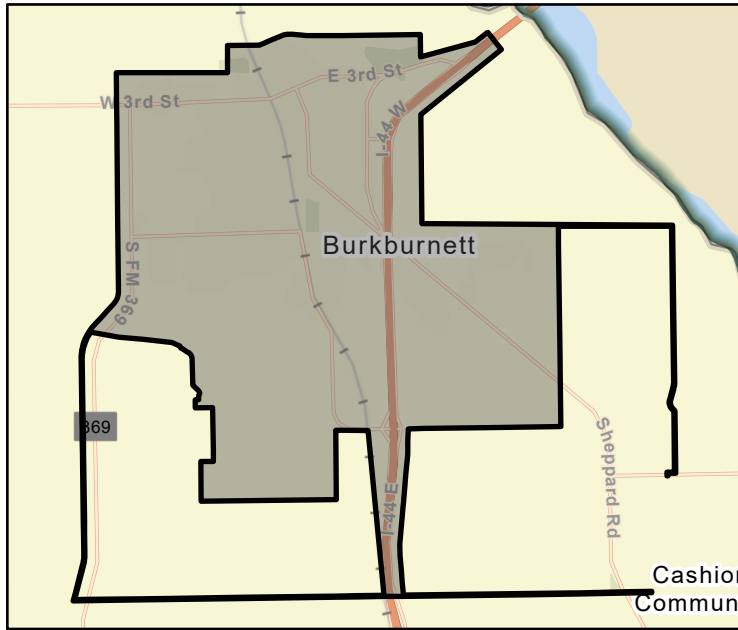
Farm/Ranch land impacted (acres) **184** Roadway(s) impacted (length) **7**

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 **26** # of structures **3** Critical facilities **0**

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

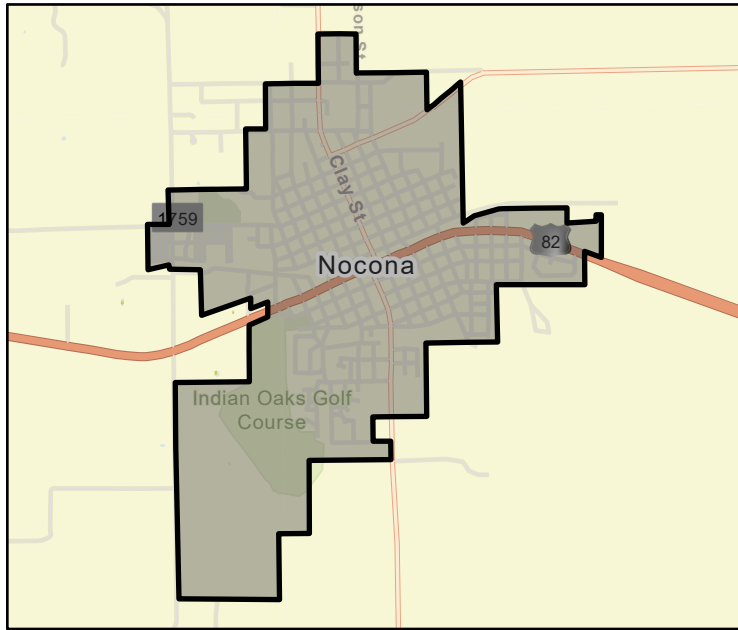
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **0**

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 **17** # of structures **7** Critical facilities **0**

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

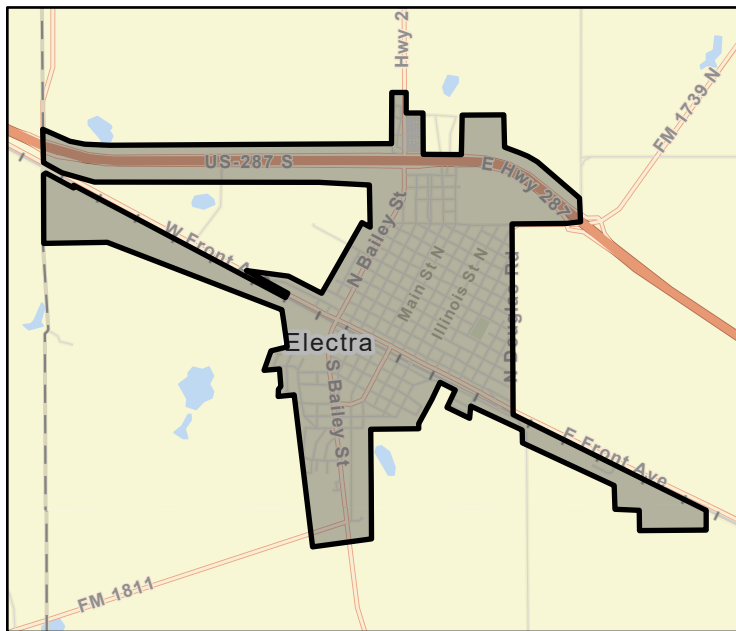
Farm/Ranch land impacted (acres) **13** Roadway(s) impacted (length) **2**

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 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

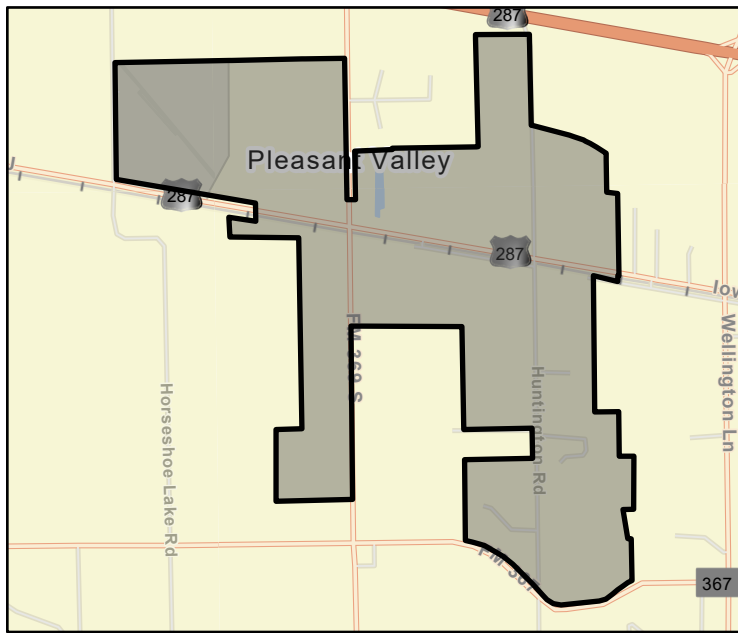
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Wichita Watershed HUC# (if known) 111302060406, 111302060407
 Drainage area (Square miles, est.) 3 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 248 # 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 181 # of structures 121 Critical facilities 0

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

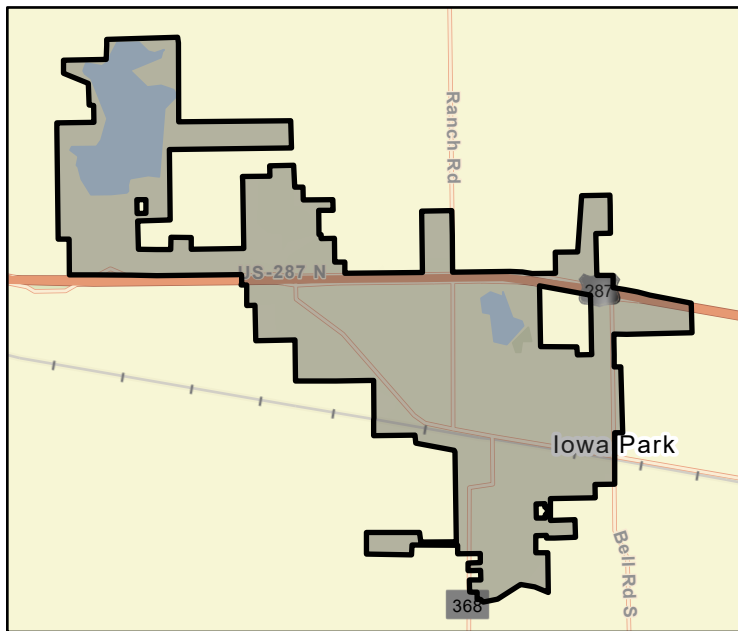
Farm/Ranch land impacted (acres) 42 Roadway(s) impacted (length) 5

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

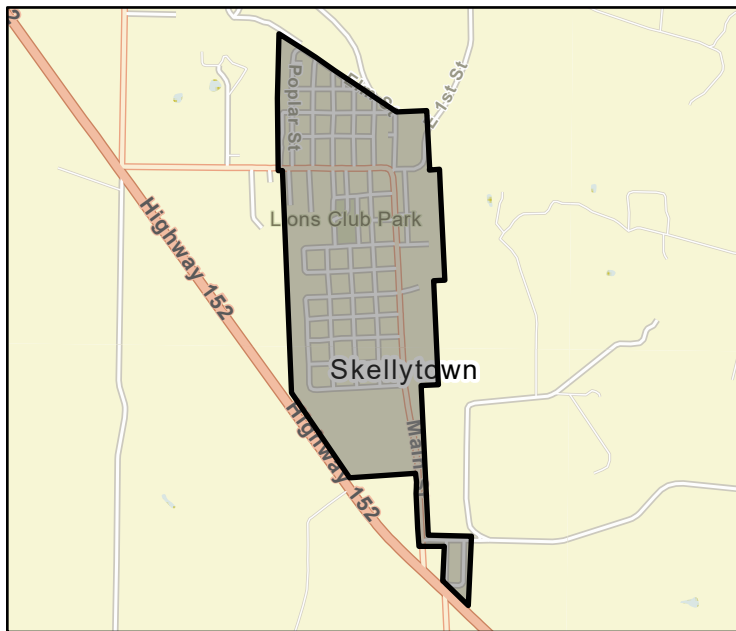
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 0

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

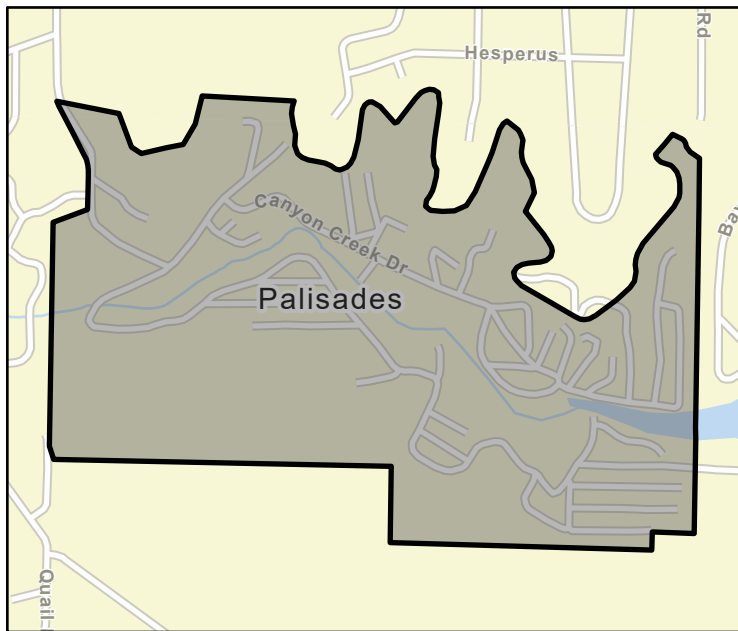
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall Watershed HUC# (if known) 111201030102, 111201030103
 Drainage area (Square miles, est.) 1 Goal(s) 01000001, 01000002, 01000005, 01000006

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

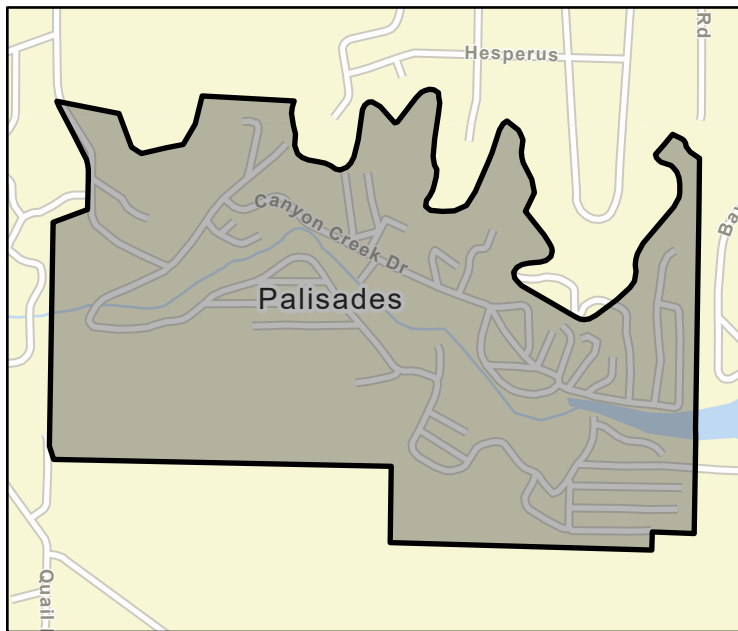
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

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**

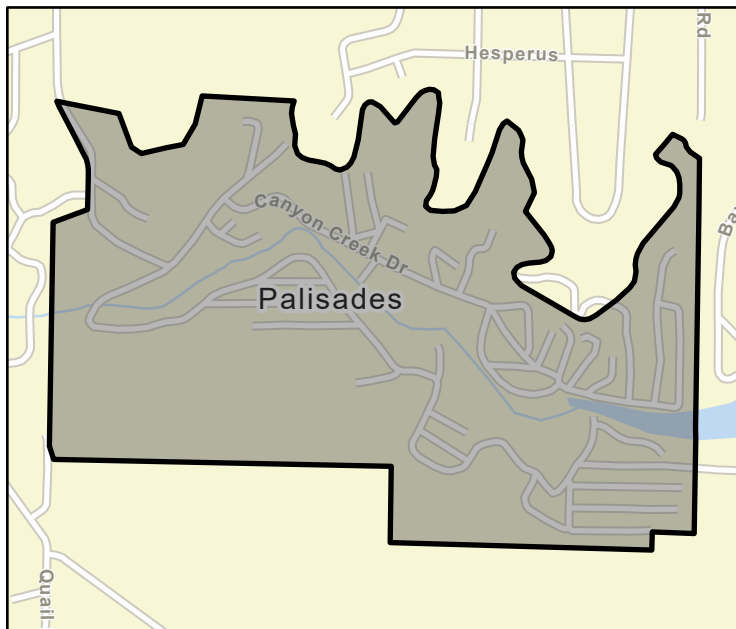
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **2**

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

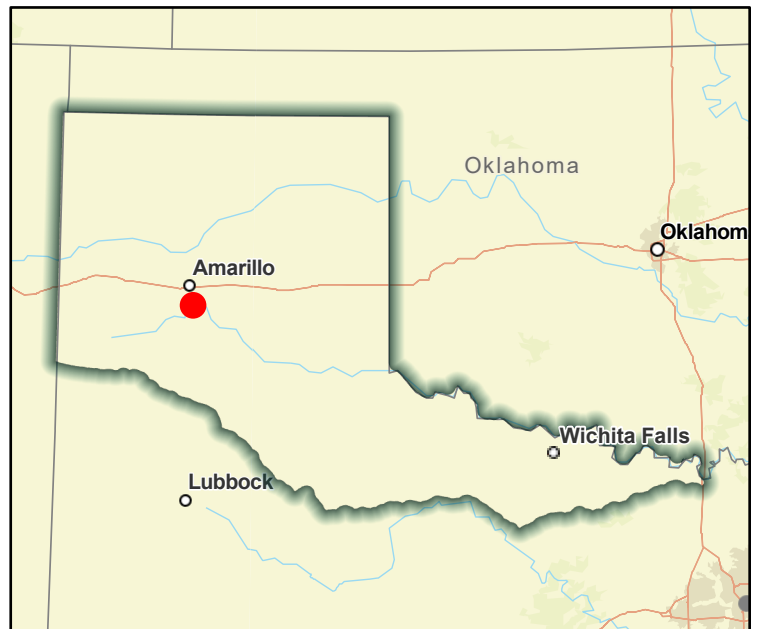
Estimated Cost and Funding Availability

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**

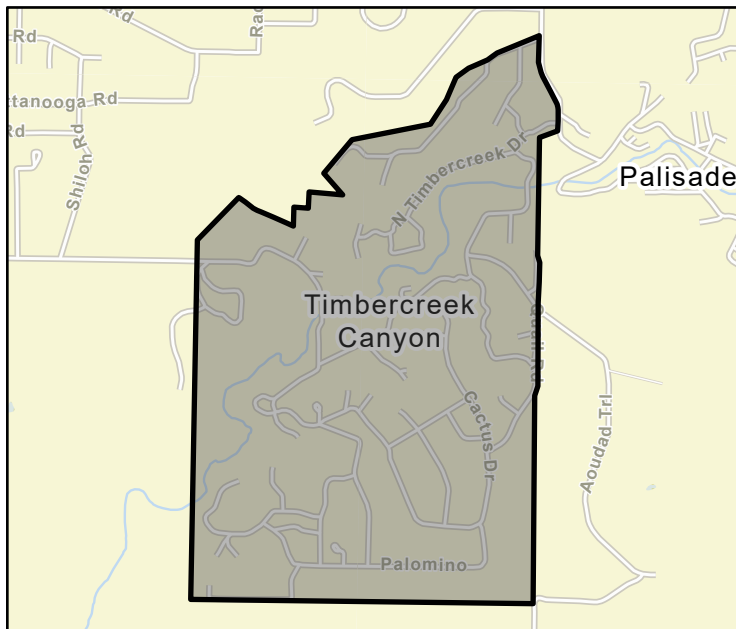
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **1**

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 55 # of structures 14 Critical facilities 3

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

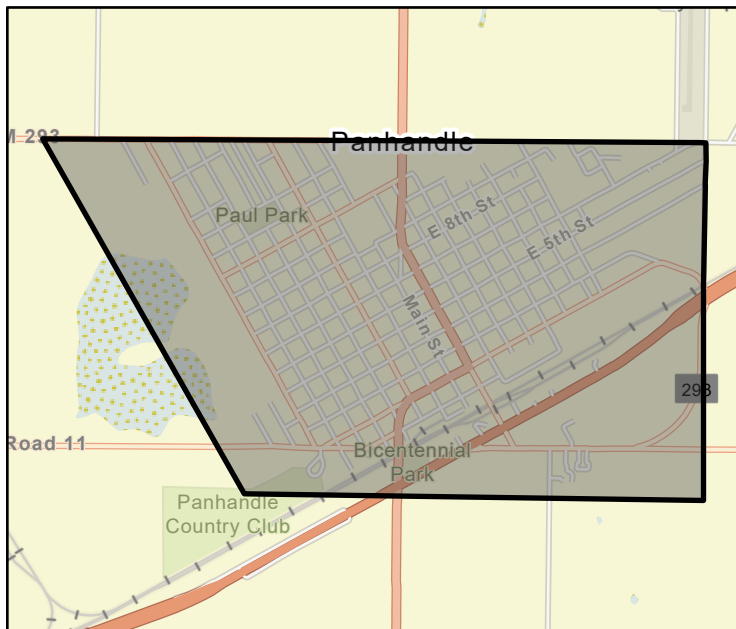
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

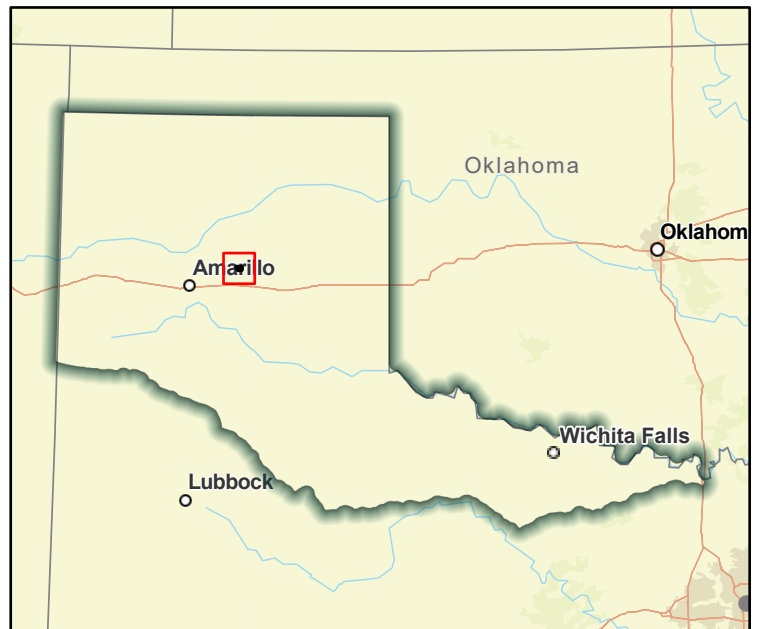
Estimated Cost and Funding Availability

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 55 # of structures 14 Critical facilities 3

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

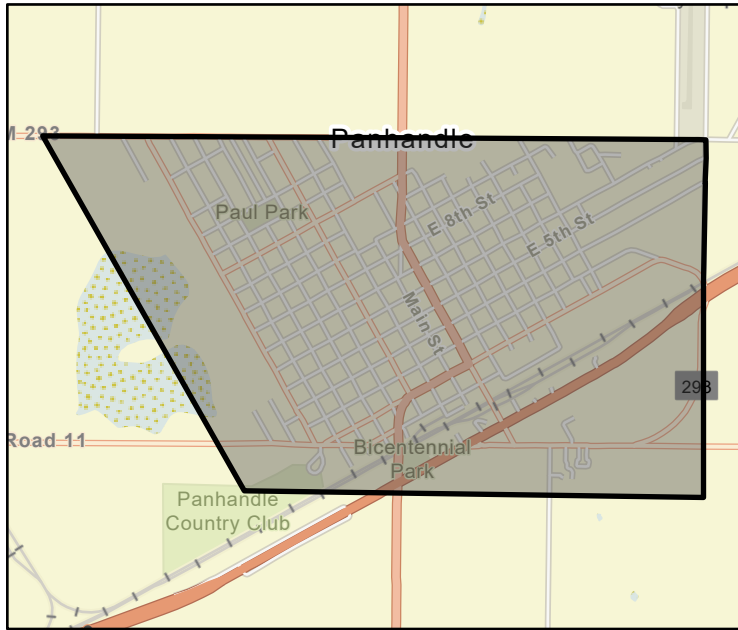
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

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 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

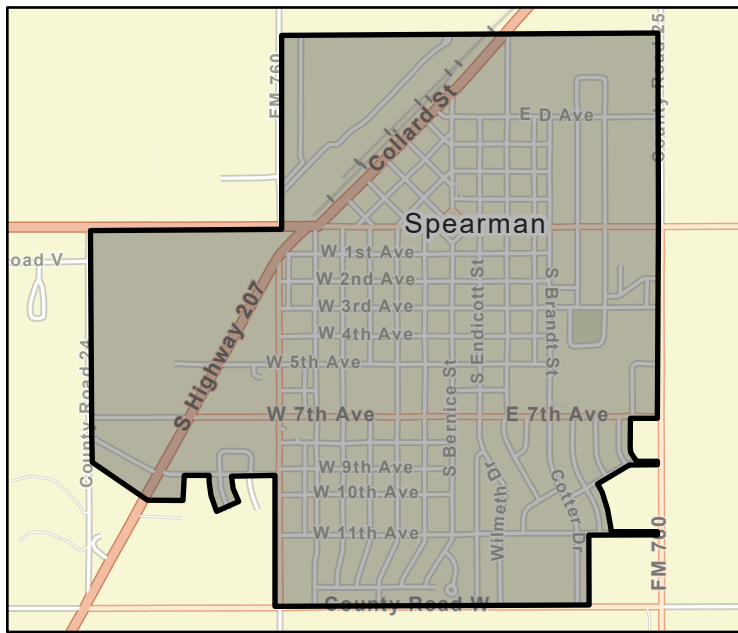
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1

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 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

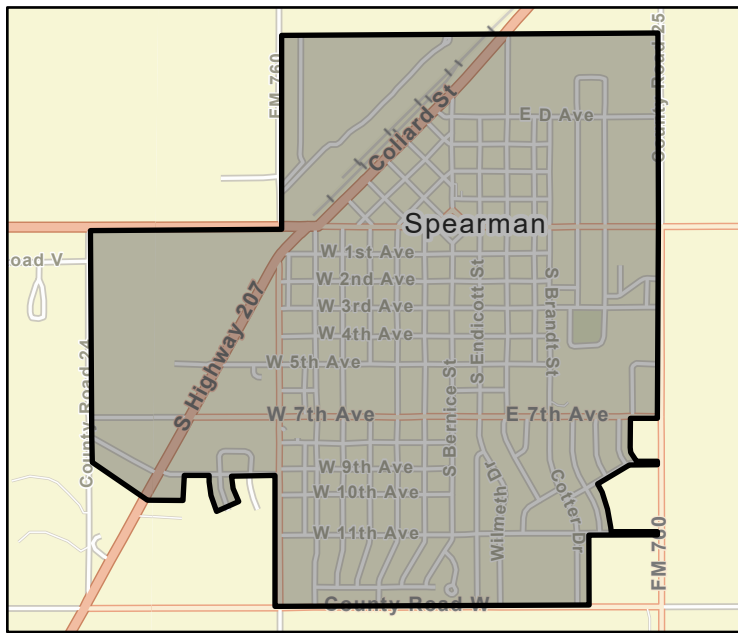
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

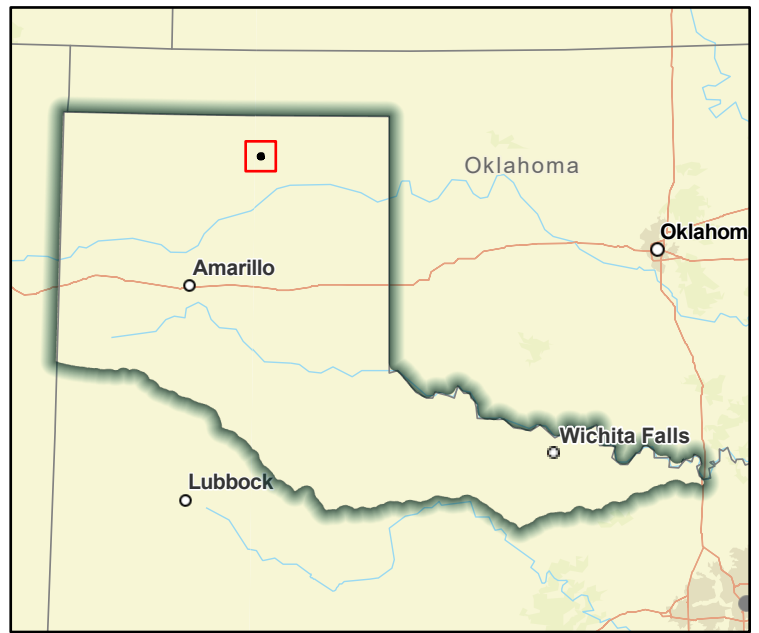
Estimated Cost and Funding Availability

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 **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 **26** # of structures **19** Critical facilities **1**

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

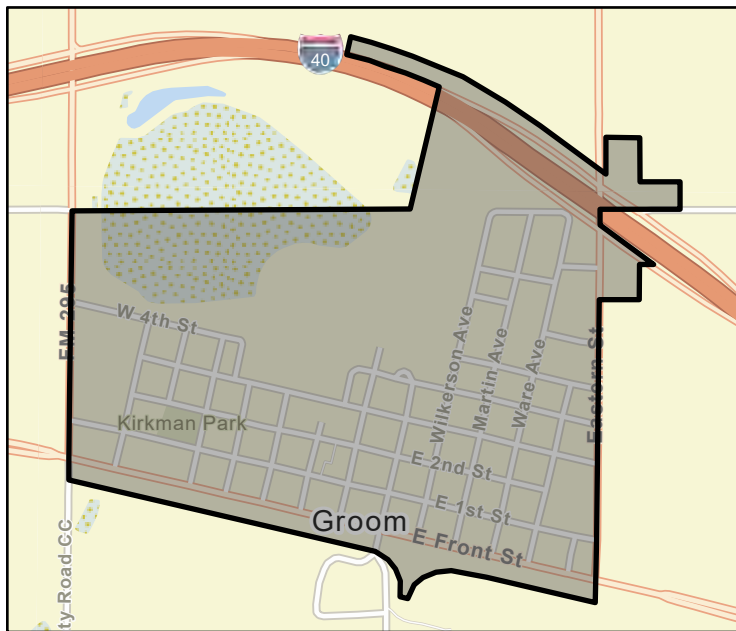
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **1**

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 **12** # of structures **3** Critical facilities **0**

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

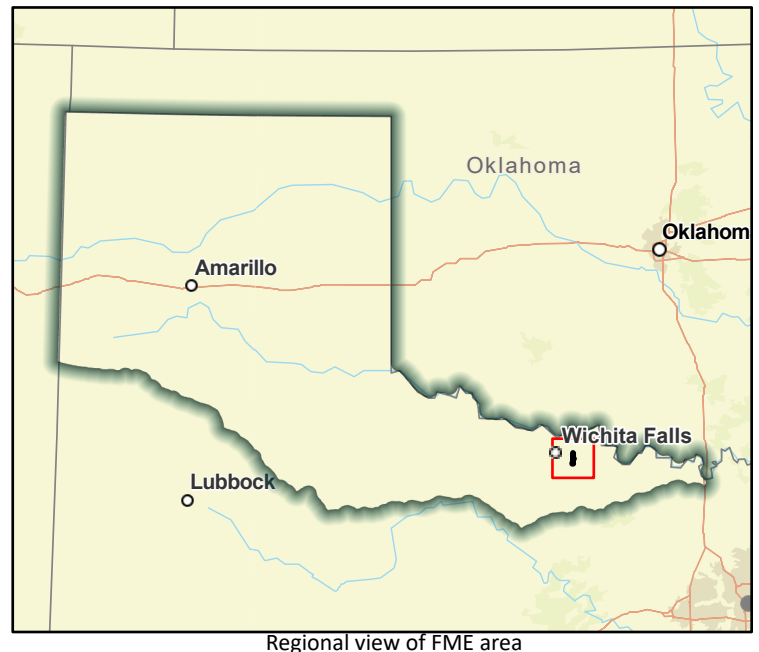
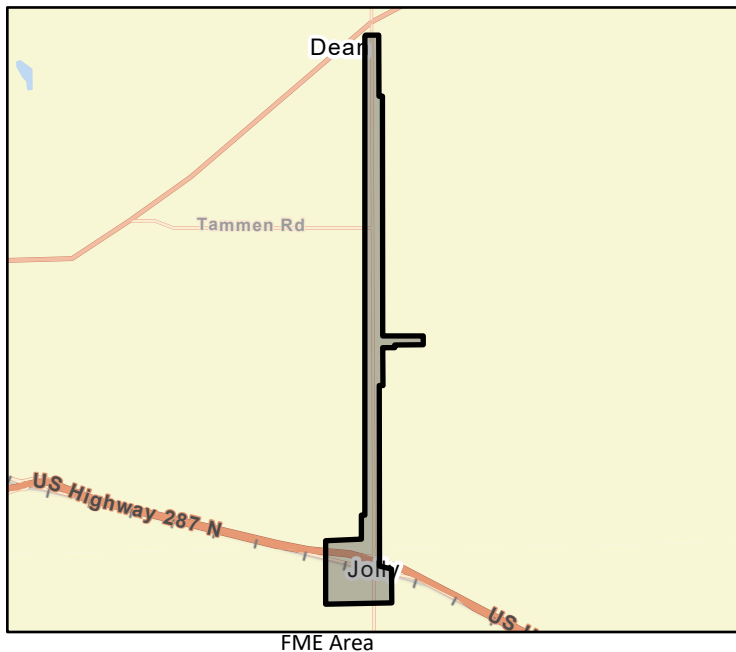
Farm/Ranch land impacted (acres) **10** Roadway(s) impacted (length) **1**

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 **540** # of structures **61** Critical facilities **1**

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

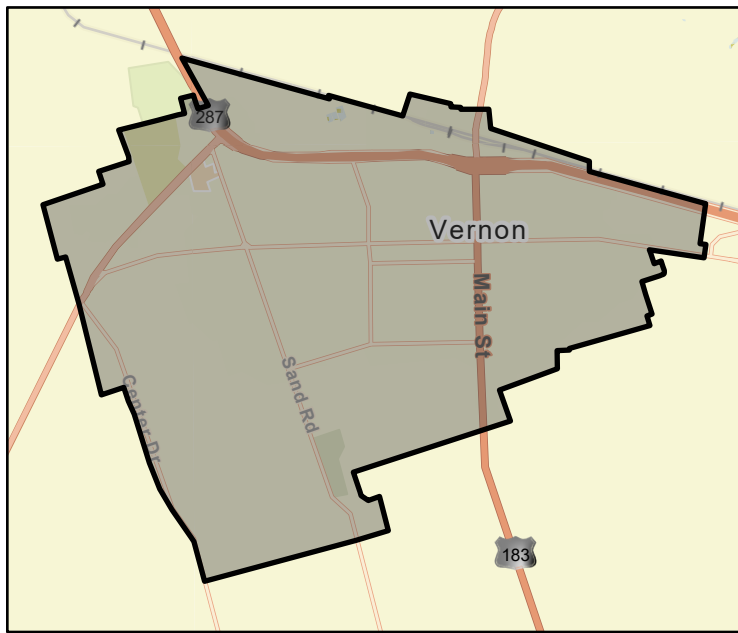
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **13**

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.**

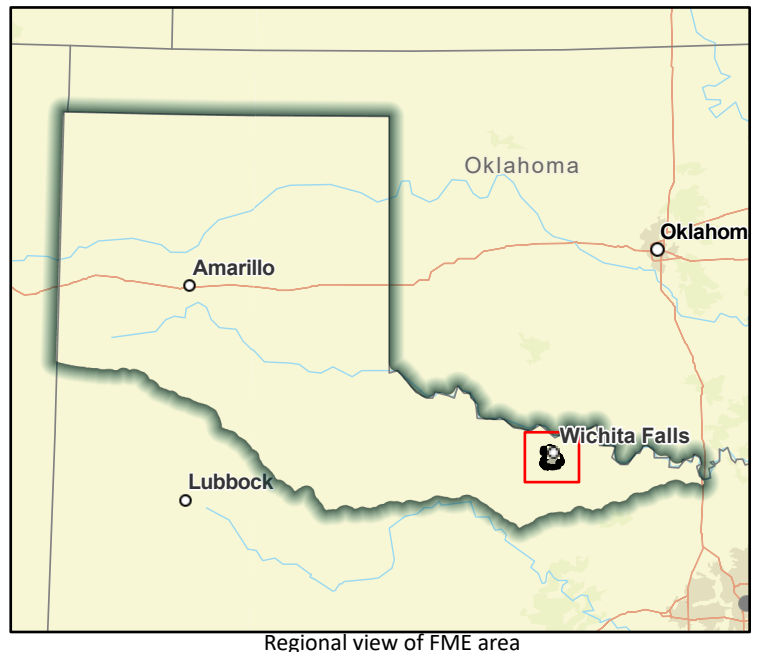
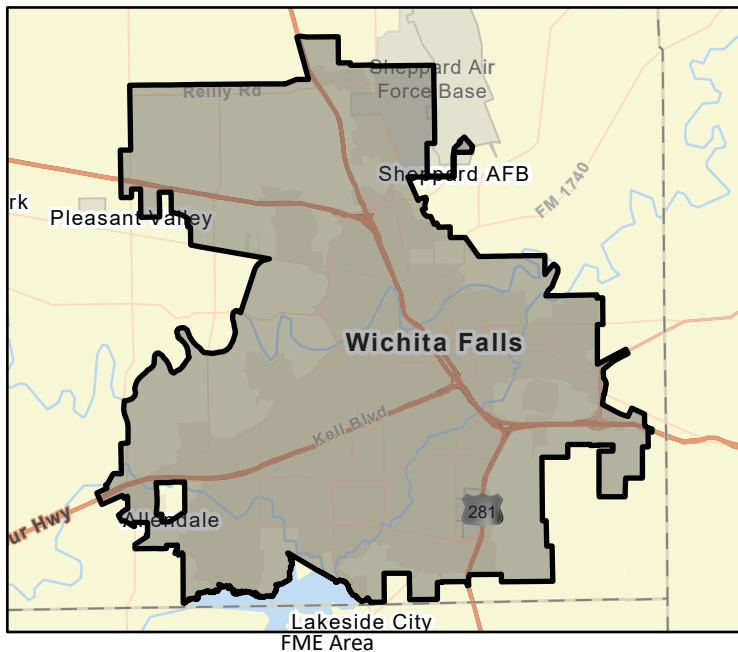
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Wichita** Watershed HUC# (if known) **111302060303, 111302060304, 111302060406, 111302060407,**
 Drainage area (Square miles, est.) **72** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **14,057** # 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

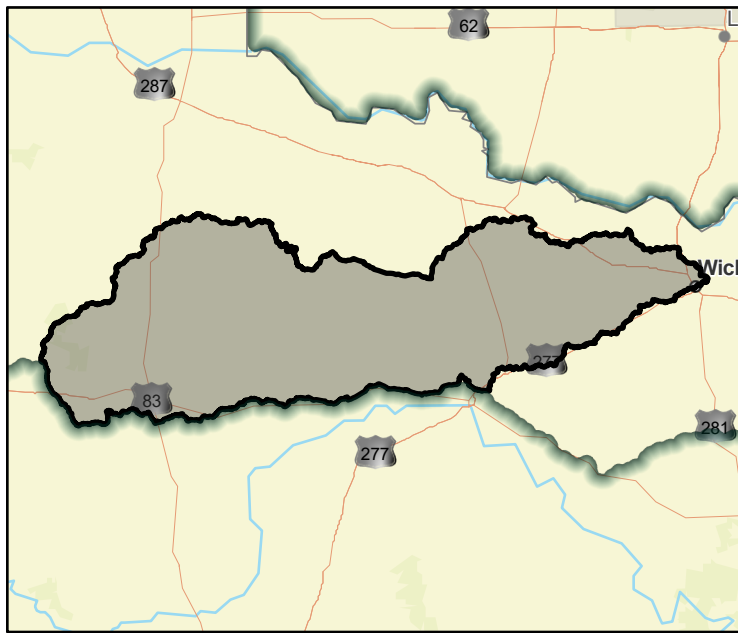
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Wichita, Foard, Cottle, Motley, Wilbarger, Watershed HUC# (if known) -
 Drainage area (Square miles, est.) 3,174 Goal(s) 01000001, 01000002

100-Year Flood Risk Summary

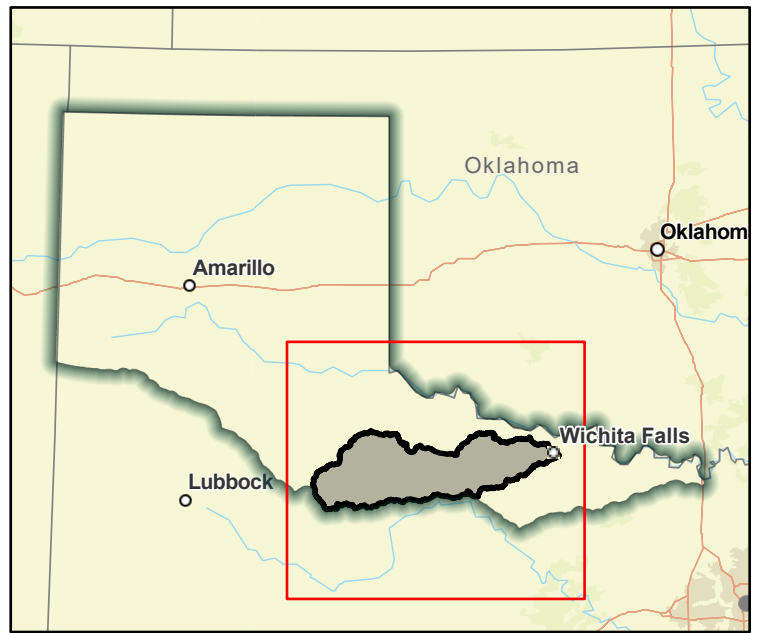
Population at risk 10,390 # of structures 2,818 Critical facilities 28
 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? Yes Other? No
 Farm/Ranch land impacted (acres) 271,233 Roadway(s) impacted (length) 182
 Number of low water crossings 123 Historical road closures 178

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

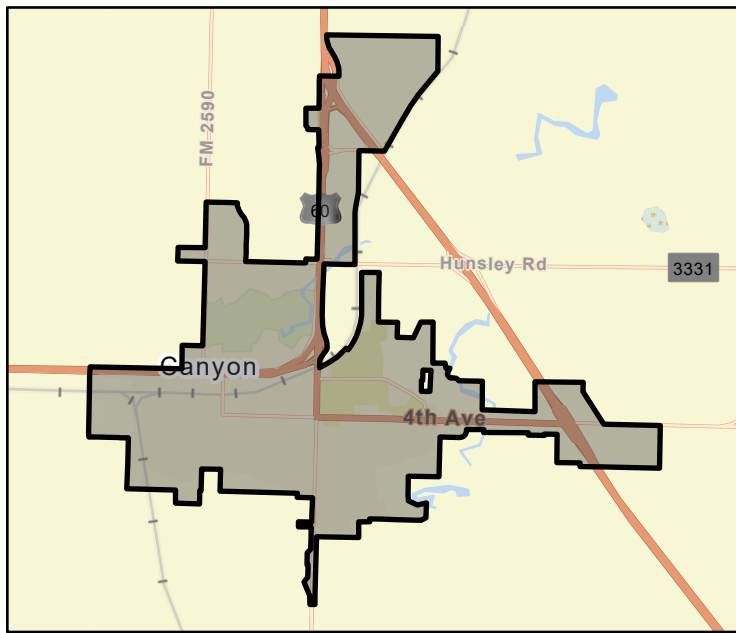
New Hydrologic or Hydraulic model? Yes Emergency Need? No Existing/Anticipated models in near term? Yes
 County Randall Watershed HUC# (if known) 111201010609, 111201020303, 111201020304, 111201030101
 Drainage area (Square miles, est.) 7 Goal(s) 01000001, 01000002, 01000005, 01000006

100-Year Flood Risk Summary

Population at risk 1,265 # 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**

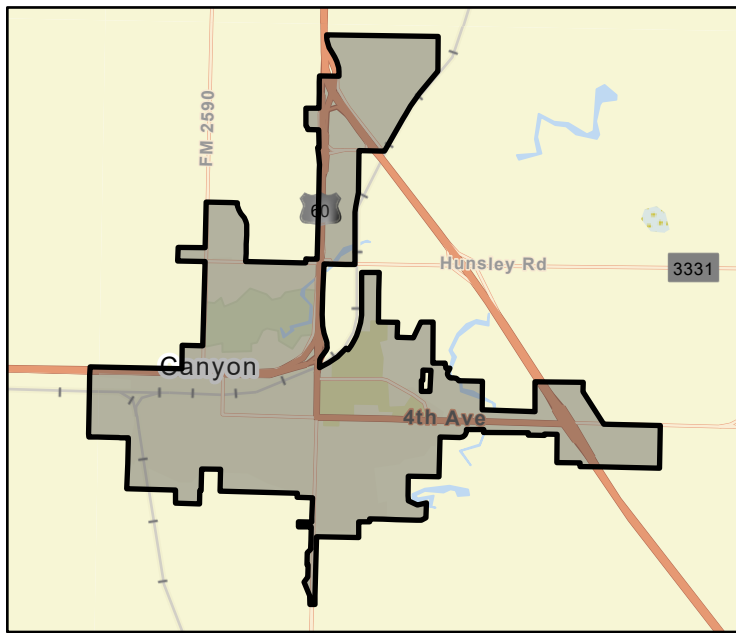
New Hydrologic or Hydraulic model? **Yes** Emergency Need? **No** Existing/Anticipated models in near term? **Yes**
 County **Randall** Watershed HUC# (if known) **111201010609, 111201020303, 111201020304, 111201030101**
 Drainage area (Square miles, est.) **7** Goal(s) **01000001, 01000002, 01000005, 01000006**

100-Year Flood Risk Summary

Population at risk **1,265** # 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 **297** # of structures **121** Critical facilities **19**

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

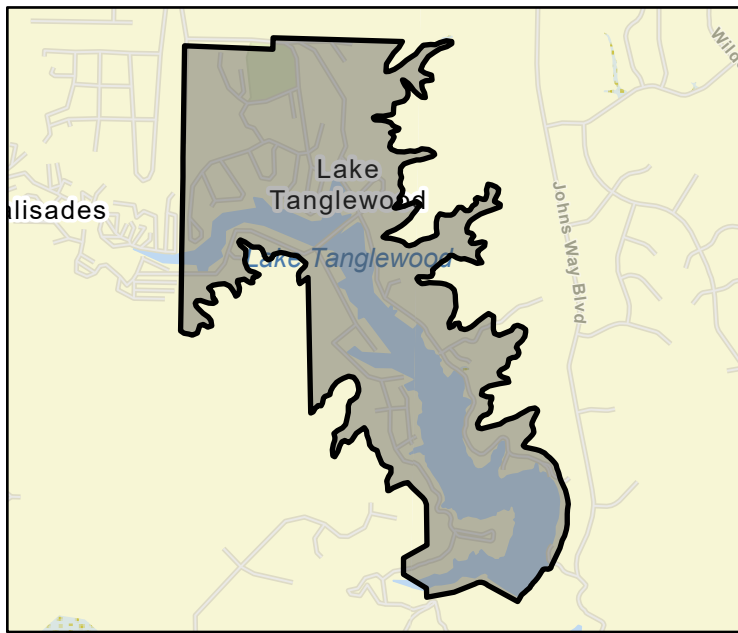
Farm/Ranch land impacted (acres) **7** Roadway(s) impacted (length) **0**

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 **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**

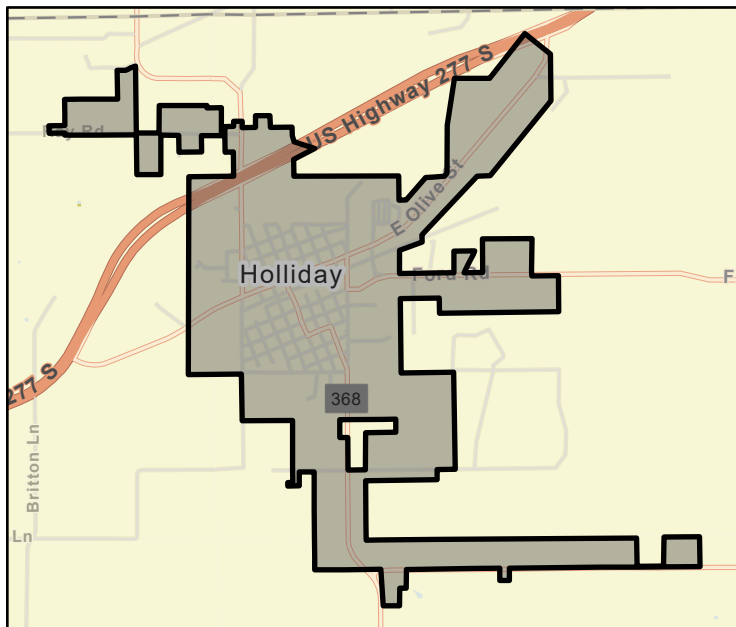
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **1**

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

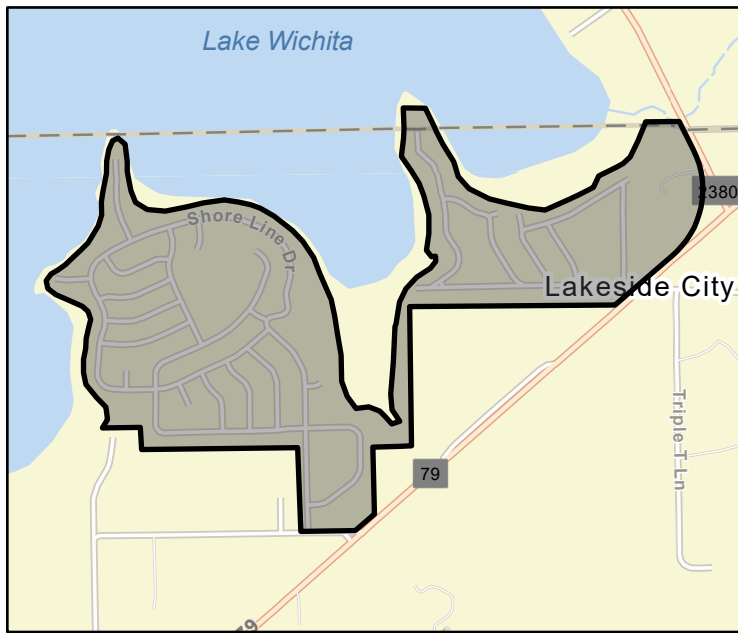
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 0

Number of low water crossings 0 Historical road closures 0

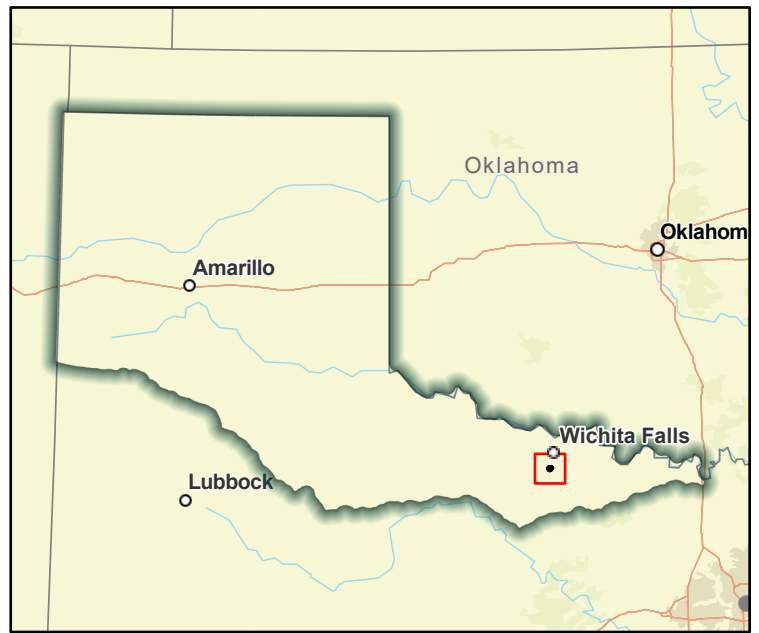
Estimated Cost and Funding Availability

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 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

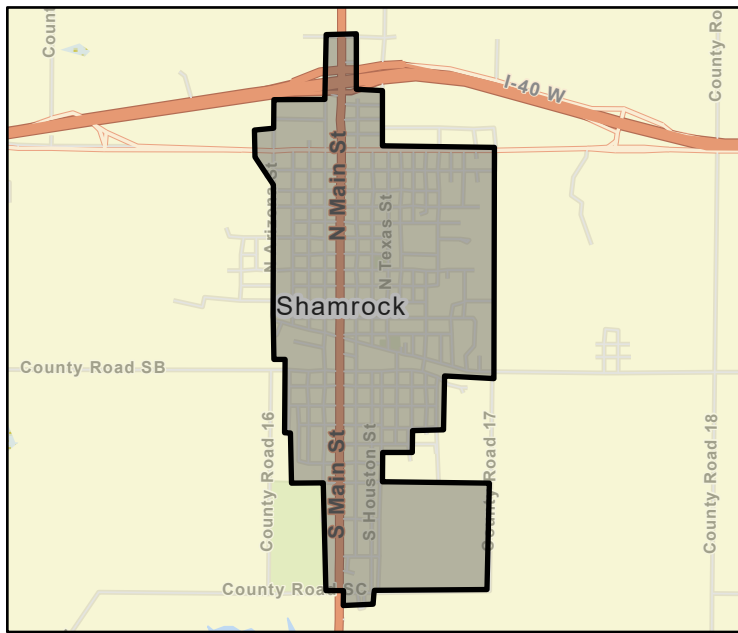
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

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 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

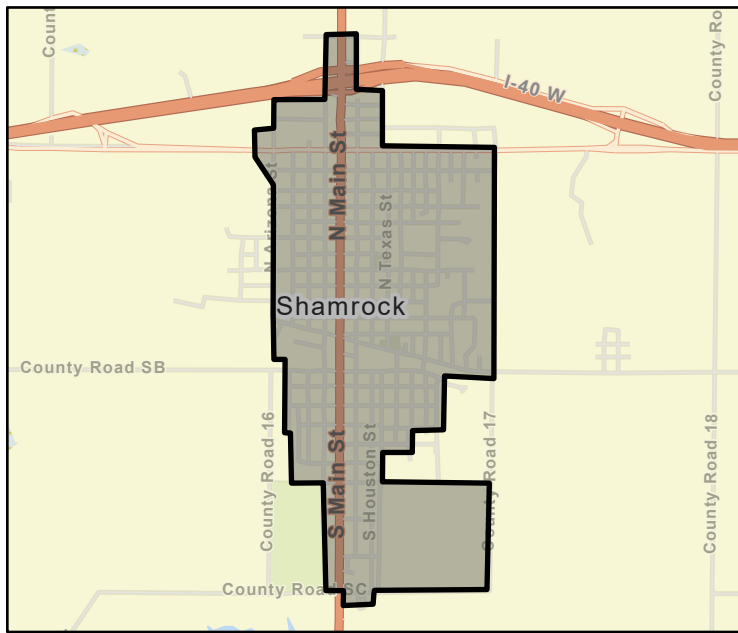
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 1

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 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

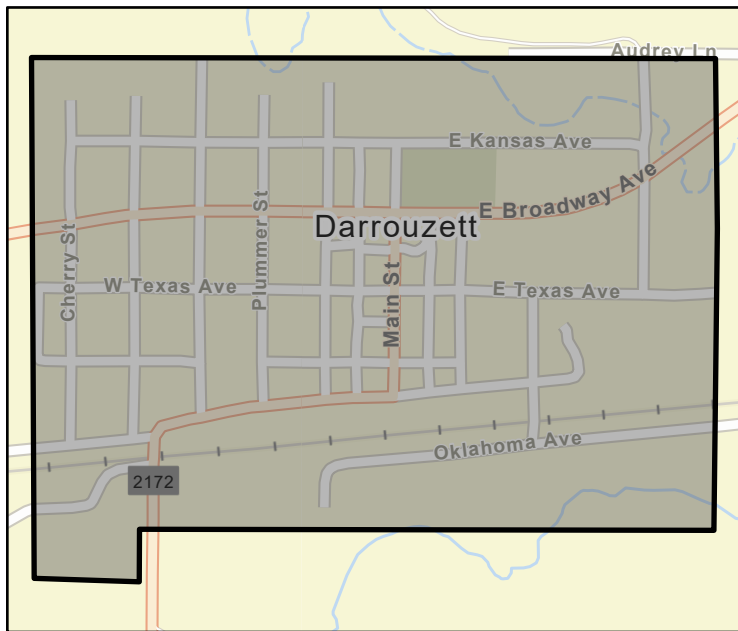
100-Year Flood Risk Summary

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 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 558 # of structures 304 Critical facilities 0

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

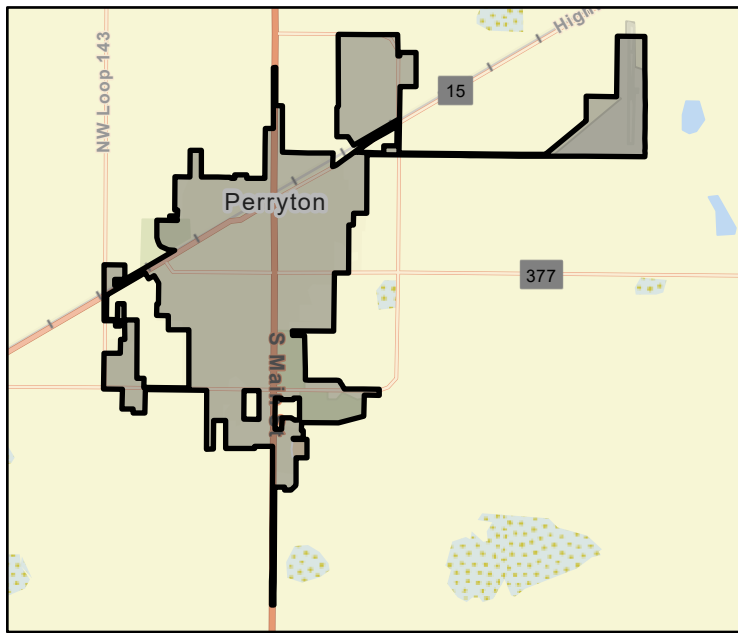
Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (length) 7

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 **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 **558** # of structures **304** Critical facilities **0**

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

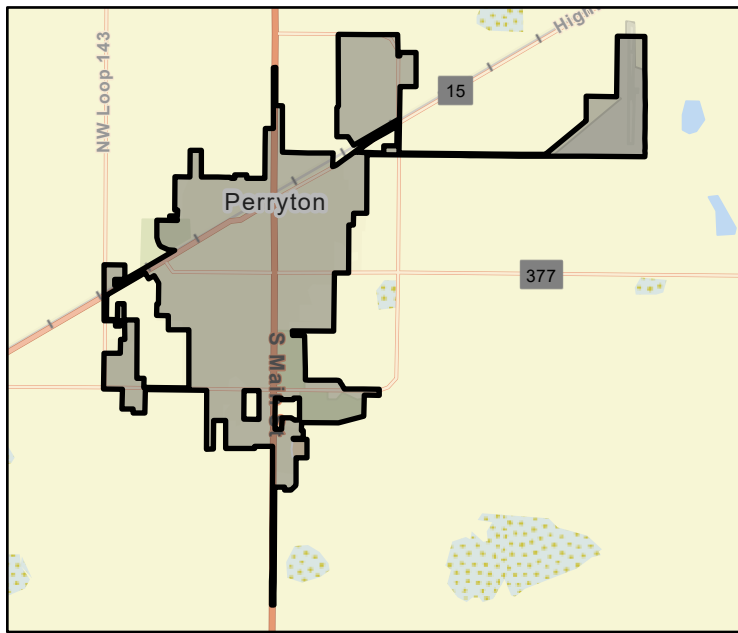
Farm/Ranch land impacted (acres) **18** Roadway(s) impacted (length) **7**

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 Mitigation Project (FMP)



Title **T-Anchor Lake Watershed Drainage Improvements**

ID# **013000001** Sponsor **Amarillo (Municipality)**

RFPG recommend? **Yes** Reason for Recommendation **Alignment with RFPG goals and TWDB guidance**

Project Description

Four phase playa excavation project, pump station relocation and construction of storm sewer improvements along Ross-Osage Street and Southeast 10th Street to provide 100-year flood protection

Watershed HUC# (if known) **111201030106** Emergency Need? **No**

Drainage area (mi² est.) **4**

Associated FME's **-** County **Potter**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **1,221** # of structures **407** Critical facilities **0**

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

Number of low water crossings **2** Historical road closures **10**

100-Year Flood Risk Reduction

Population removed from 100-yr **1,191** # of structures removed from 100-yr **397**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **Benefit from closed storm drain improvements not** Reduction in # of road closures over 10 years **10**

Impacts

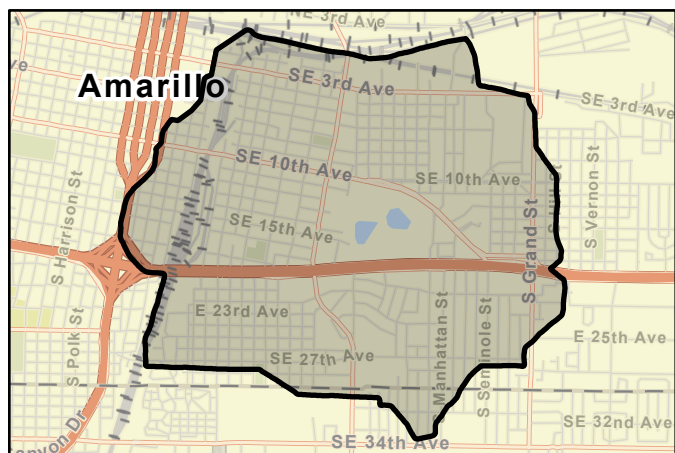
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$31,300,000** % Nature-Based **-** BCR **2**

Recurring costs **0** Issues **No major implementation issues identified, coordination during final design or**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Rhea Road Drainage Project**

ID# **013000002** Sponsor **Wichita Falls (Municipality)**

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

Project Description

The proposed improvements include the installation of a storm drain system along north on Rhea Road that would eliminate structure flooding in the 100-year storm event.

Watershed HUC# (if known) **111302060304** Emergency Need? **No**

Drainage area (mi² est.) **0**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **81** # of structures **27** Critical facilities **1**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **81** # of structures removed from 100-yr **27**

Critical facilities removed from 100-yr **1** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **0** Reduction in # of road closures over 10 years **0**

Impacts

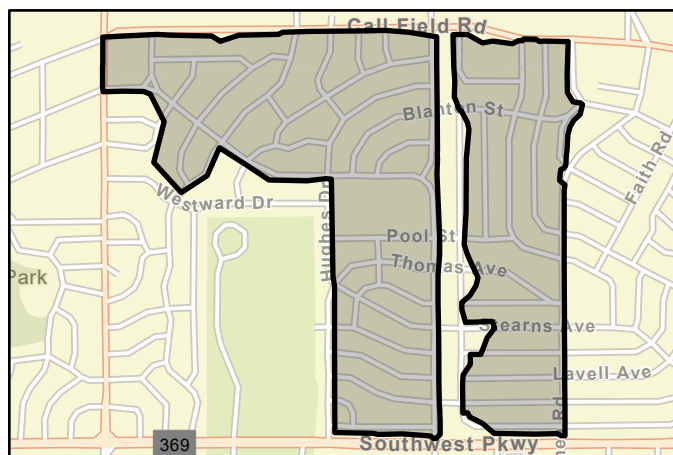
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$2,995,000** % Nature-Based **0** BCR **1**

Recurring costs **26645** Issues **No major implementation issues identified, coordination during final design or**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Brenda Hursh Enhancement Project (City of Wichita Falls)**

ID# **013000003** Sponsor **Wichita Falls (Municipality)**

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

Project Description

Install a bypass system that will intercept flow from Brenda Hursh Creek and Brenda Hursh Channel at their respective Weeks Street Road crossings and convey the runoff to the west through a proposed pipe system

Watershed HUC# (if known) **111302060304** Emergency Need? **No**

Drainage area (mi² est.) **2**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **342** # of structures **114** Critical facilities **0**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **192** # of structures removed from 100-yr **64**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **1** Low water crossings removed from 100-yr **0**

Other benefits **Reduced flooding at recreation facility, increased** Reduction in # of road closures over 10 years **0**

Impacts

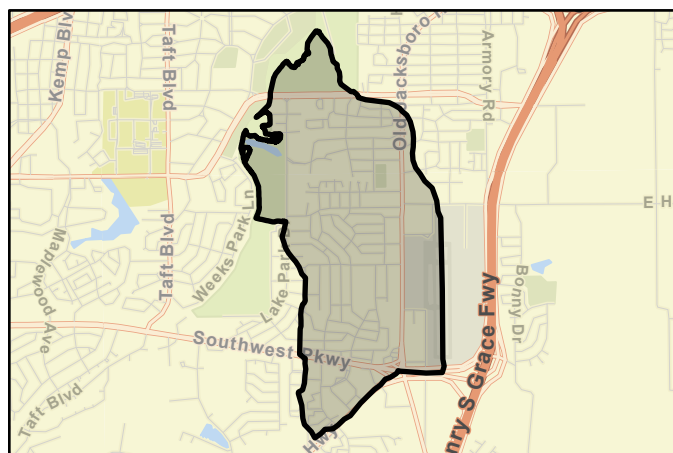
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$4,151,000** % Nature-Based **9** BCR **1**

Recurring costs **0** Issues **No major implementation issues identified, coordination during final design or**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Wichita Gardens Drainage Improvements**

ID# **013000013** Sponsor **Wichita Falls (Municipality)**

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

Project Description

The proposed improvements include for the installation of concrete curb and gutter throughout entire development in order to install a storm drain system with curb inlets and a trunk line that runs to an outfall at the Wichita River.

Watershed HUC# (if known) **111302060407** Emergency Need? **No**

Drainage area (mi² est.) **0**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **300** # of structures **100** Critical facilities **0**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **252** # of structures removed from 100-yr **100**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **2** Low water crossings removed from 100-yr **0**

Other benefits **0** Reduction in # of road closures over 10 years **0**

Impacts

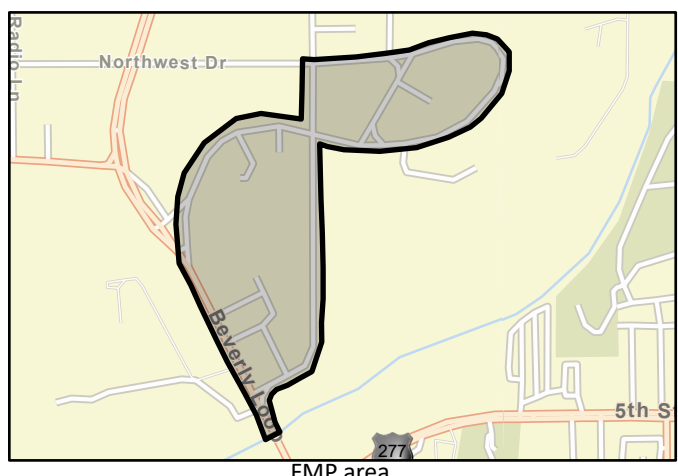
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$10,008,000** % Nature-Based **0** BCR **3**

Recurring costs **78331** Issues **No major implementation issues identified, coordination during final design or**



Flood Mitigation Project (FMP)



Title **Briargate Drainage Reconstruction Project (City of Wichita Falls)**

ID# **013000014** Sponsor **Wichita Falls (Municipality)**

RFPG recommend? **No** Reason for Recommendation **Sponsor request**

Project Description

Evaluate project to quantify benefits, evaluate impacts and begin design. The proposed project would construct a five-acre detention pond. Project identified from 2011 Wichita Falls DMP.

Watershed HUC# (if known) **111302060303** Emergency Need? **No**

Drainage area (mi² est.) **1**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **75** # of structures **33** Critical facilities **0**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **-** Reduction in # of road closures over 10 years **-**

Impacts

Negative impacts? **-** Negative impacts description **-**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$1,595,000** % Nature-Based **-** BCR **-**

Recurring costs **0** Issues **-**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)

Title **Echo/Neta Lane Drainage Project**

ID# **013000015** Sponsor **Wichita Falls (Municipality)**

RFPG recommend? **Yes** Reason for Recommendation **Alignment with RFPG goals and TWDB guidance**

Project Description

Install a storm drain system with curb and gutter along Jacksboro Highway beginning south of Echo Lane and reaching north to Norman Street.

Watershed HUC# (if known) **111302060304** Emergency Need? **No**

Drainage area (mi² est.) **0**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **54** # of structures **18** Critical facilities **0**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **42** # of structures removed from 100-yr **14**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **0** Reduction in # of road closures over 10 years **0**

Impacts

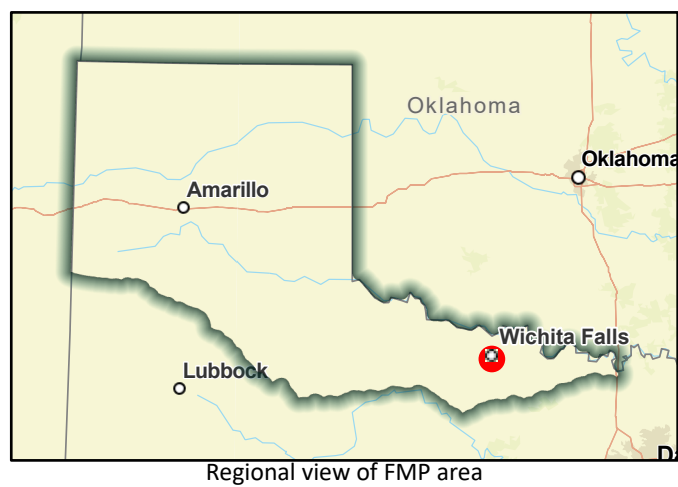
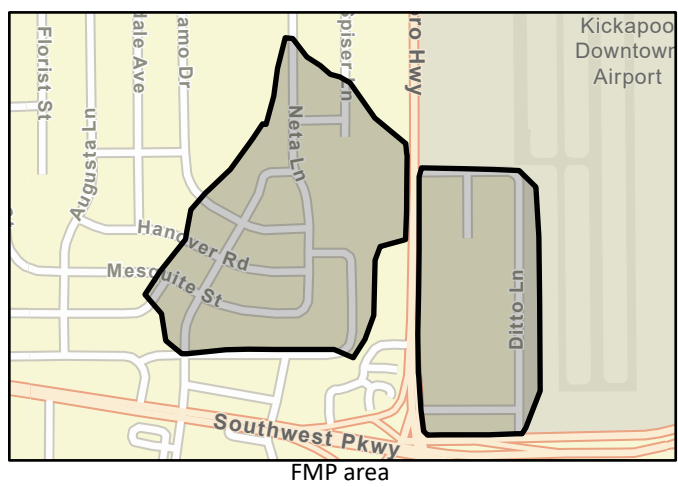
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$2,853,000** % Nature-Based **0** BCR **4**

Recurring costs **25380** Issues **No major implementation issues identified, coordination during final design or**



Flood Mitigation Project (FMP)



Title **Hirschi - Huskie Drainage Project (City of Wichita Falls)**

ID# **013000016** Sponsor **Wichita Falls (Municipality)**

RFPG recommend? **Yes** Reason for Recommendation **Alignment with RFPG goals and TWDB guidance**

Project Description

Extend the existing storm drain system on Huskie Drive to reach to the north and south on Hirschi Lane. Additionally, acquire properties along the north side of Iowa Park Road between Hirschi Lane and Ridgeway Drive.

Watershed HUC# (if known) **111302060407** Emergency Need? **No**

Drainage area (mi² est.) **0**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **105** # of structures **35** Critical facilities **0**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **105** # of structures removed from 100-yr **35**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **0** Reduction in # of road closures over 10 years **0**

Impacts

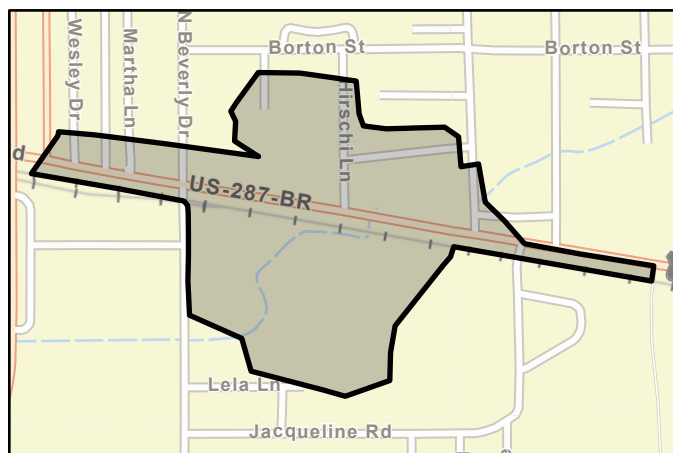
Negative impacts? **No** Negative impacts description **Post-project model is unavailable. Therefore, the no-negative-impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$632,000** % Nature-Based **0** BCR **1**

Recurring costs **5627** Issues **No major implementation issues identified, coordination during final design or**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Landon, Duty and Sunset St Drainage Project**

ID# **013000017** Sponsor **Wichita Falls (Municipality)**

RFPG recommend? **Yes** Reason for Recommendation **Alignment with RFPG goals and TWDB guidance**

Project Description

The proposed solution is be a combination of curb and gutter street improvements for Duty Lane, Landon Road, and Sunset Lane south of Duty Lane.

Watershed HUC# (if known) **111302060407** Emergency Need? **No**

Drainage area (mi² est.) **0**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **129** # of structures **43** Critical facilities **0**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **123** # of structures removed from 100-yr **41**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **0** Reduction in # of road closures over 10 years **0**

Impacts

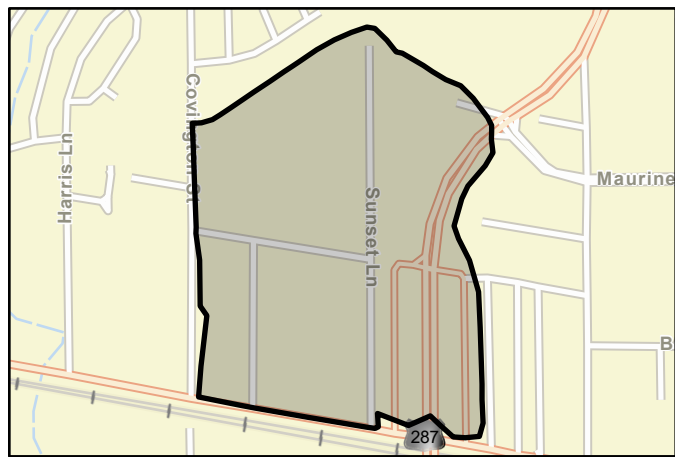
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$2,120,000** % Nature-Based **0** BCR **11**

Recurring costs **18860** Issues **No major implementation issues identified, coordination during final design or**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Spanish Trace Drainage Project**

ID# **013000018** Sponsor **Wichita Falls (Municipality)**

RFPG recommend? **Yes** Reason for Recommendation **Alignment with RFPG goals and TWDB guidance**

Project Description

The proposed improvements include re-grading of an abandoned irrigation canal to convey flow north towards Johnson Road, connecting to the existing storm sewer system.

Watershed HUC# (if known) **111302060303** Emergency Need? **No**

Drainage area (mi² est.) **0**

Associated FME's **-** County **Wichita**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **24** # of structures **8** Critical facilities **0**

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **24** # of structures removed from 100-yr **8**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **0** Reduction in # of road closures over 10 years **0**

Impacts

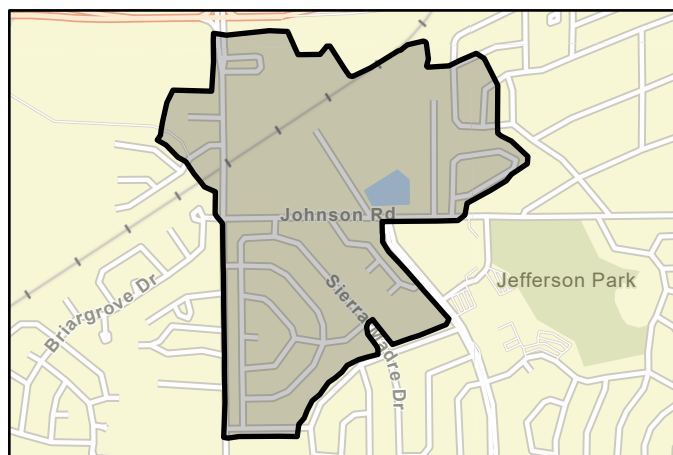
Negative impacts? **No** Negative impacts description **No negative impact**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **\$1,043,000** % Nature-Based **0** BCR **1**

Recurring costs **9275** Issues **No major implementation issues identified, coordination during final design or**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

The proposed project would be to build an additional concrete flume north of 1802 Adrian Drive into Seabury Lake

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FME's County

Associated FMS's Associated FMP's

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

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

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

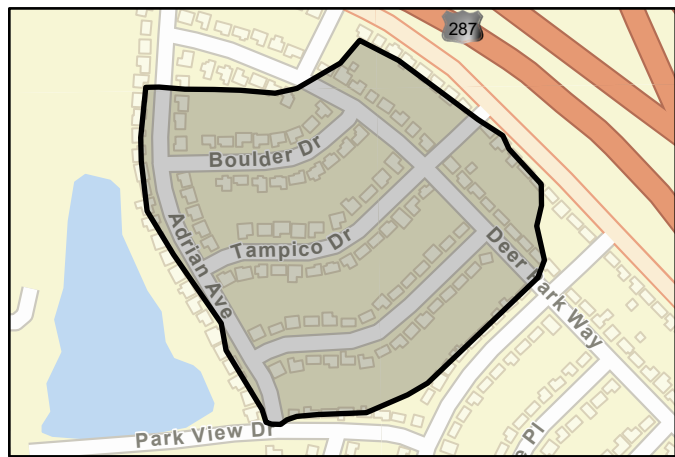
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Construct a vegetated diversion channel with a narrow meandering pilot channel in the bottom in the area of the existing channel.

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FME's County

Associated FMS's Associated FMP's

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

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

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

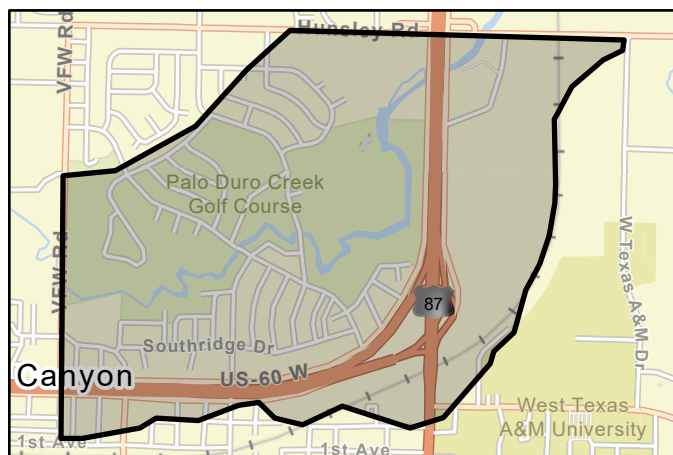
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Flood Walls Through the Golf Course Area for Isolated Groups of Structures**

ID# **013000005** Sponsor **Canyon (Municipality)**

RFPG recommend? **No** Reason for Recommendation **Sponsor prefers other alternatives**

Project Description

These were determined to be one of the more viable flood risk reduction measures for houses around the golf course. Locations have been proposed around the golf course based on 100- and 500- year storms.

Watershed HUC# (if known) **111201020304** Emergency Need? **No**

Drainage area (mi² est.) **1**

Associated FME's **-** County **Randall**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **972** # of structures **154** Critical facilities **0**

Farm/Ranch land impacted (acres) **25** Roadway(s) impacted (length) **6**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **-** Reduction in # of road closures over 10 years **-**

Impacts

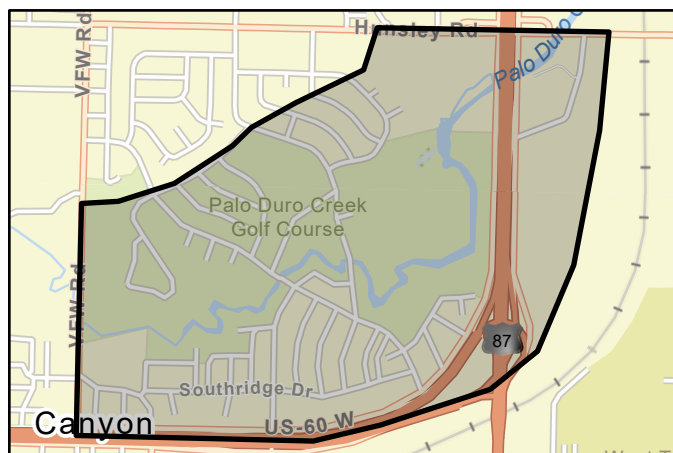
Negative impacts? **-** Negative impacts description **-**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **-** % Nature-Based **-** BCR **-**

Recurring costs **0** Issues **-**



Flood Mitigation Project (FMP)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Project Description

Remove sediment deposits left behind from previous flooding events to increase channel capacity.

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FME's County

Associated FMS's Associated FMP's

Existing 100-Year Flood Risk

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Population at risk # of structures Critical facilities

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

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

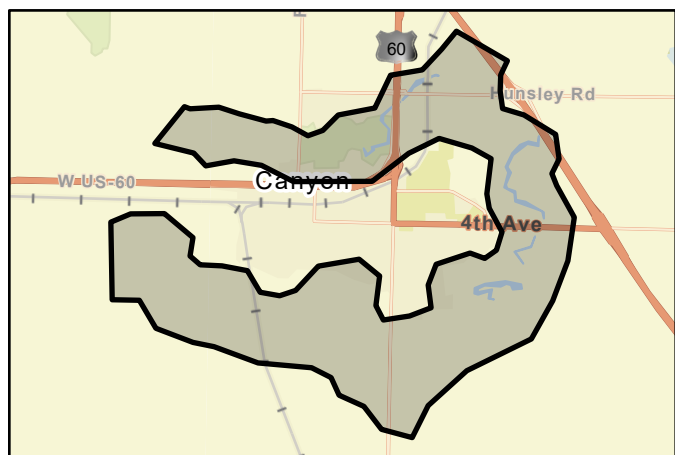
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)

Title **Modify Golf Course Pond Dam, Spillway, and Channel**

ID# **013000007** Sponsor **Canyon (Municipality)**

RFPG recommend? **No** Reason for Recommendation **Sponsor prefers other alternatives**

Project Description

Remove obstruction and replace with a bridge, and add a concrete spillway in the pond dam on the northeast corner of the golf course

Watershed HUC# (if known) **111201010609, 111201020304** Emergency Need? **No**

Drainage area (mi² est.) **1**

Associated FME's **-** County **Randall**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **976** # of structures **156** Critical facilities **0**

Farm/Ranch land impacted (acres) **24** Roadway(s) impacted (length) **5**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **-** Reduction in # of road closures over 10 years **-**

Impacts

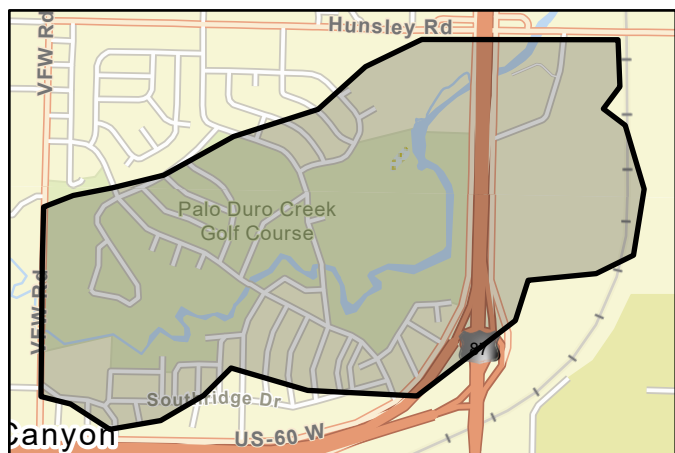
Negative impacts? **-** Negative impacts description **-**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **-** % Nature-Based **-** BCR **-**

Recurring costs **0** Issues **-**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Upstream Detention Pond**

ID# **013000008** Sponsor **Canyon (Municipality)**

RFPG recommend? **No** Reason for Recommendation **Sponsor prefers other alternatives**

Project Description

Two potential detention facilities were identified upstream of the Canyon City Golf course. One is immediately upstream of FM 2590 and the other is upstream of the Canyon City Country Club where a tributary to Palo Duro Creek comes in from the north.

Watershed HUC# (if known) **111201020304** Emergency Need? **No**

Drainage area (mi² est.) **5**

Associated FME's **-** County **Randall**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **1,199** # of structures **191** Critical facilities **0**

Farm/Ranch land impacted (acres) **619** Roadway(s) impacted (length) **9**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **-** Reduction in # of road closures over 10 years **-**

Impacts

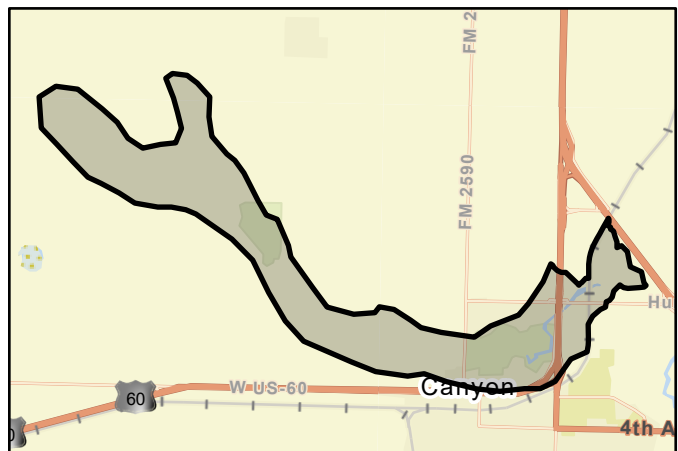
Negative impacts? **-** Negative impacts description **-**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **-** % Nature-Based **-** BCR **-**

Recurring costs **0** Issues **-**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Bivins Lake Modifications for Flood Control**

ID# **013000009** Sponsor **Canyon (Municipality)**

RFPG recommend? **No** Reason for Recommendation **FME recommended for further study**

Project Description

Modify Bivins Lake to provide flood storage above the City of Canyon and operate essentially as a dry structure.

Watershed HUC# (if known) **111201020302** Emergency Need? **No**

Drainage area (mi² est.) **1**

Associated FME's **-** County **Randall**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

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

Farm/Ranch land impacted (acres) **33** Roadway(s) impacted (length) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **-** Reduction in # of road closures over 10 years **-**

Impacts

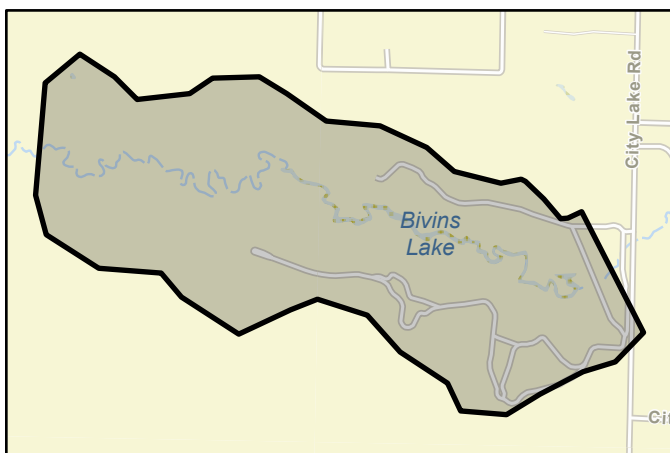
Negative impacts? **-** Negative impacts description **-**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **-** % Nature-Based **-** BCR **-**

Recurring costs **0** Issues **-**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)



Title **Bivins Dam Rehabilitation with Diversion Channel**

ID# **013000010** Sponsor **Canyon (Municipality)**

RFPG recommend? **No** Reason for Recommendation **FME recommended for further study**

Project Description

Combine strategies to modify Bivins Lake and construct the enlarged channel through the Canyon City Golf Course area

Watershed HUC# (if known) **111201010609, 111201020301, 111201020302, 111201020304** Emergency Need? **No**

Drainage area (mi² est.) **6**

Associated FME's **-** County **Randall**

Associated FMS's **-** Associated FMP's **-**

Existing 100-Year Flood Risk

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

Population at risk **1,014** # of structures **188** Critical facilities **0**

Farm/Ranch land impacted (acres) **682** Roadway(s) impacted (length) **8**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **-** Reduction in # of road closures over 10 years **-**

Impacts

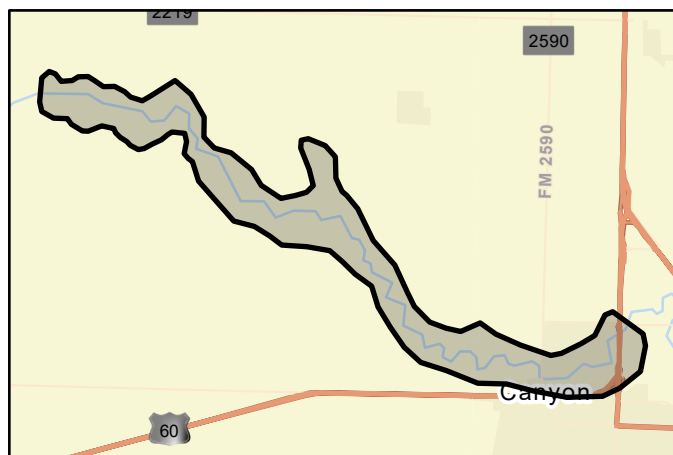
Negative impacts? **-** Negative impacts description **-**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Project Cost **-** % Nature-Based **-** BCR **-**

Recurring costs **0** Issues **-**



FMP area



Regional view of FMP area

Flood Mitigation Project (FMP)

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Project Description

The proposed improvements include upstream and midstream detention ponds, channel enlargements and low water crossings improvements to reduce flooding in the residential area near Palo Duro Creek Golf Course.

Watershed HUC# (if known) Emergency Need?

Drainage area (mi² est.)

Associated FME's County

Associated FMS's Associated FMP's

Existing 100-Year Flood Risk

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

Population at risk # of structures Critical facilities

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

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

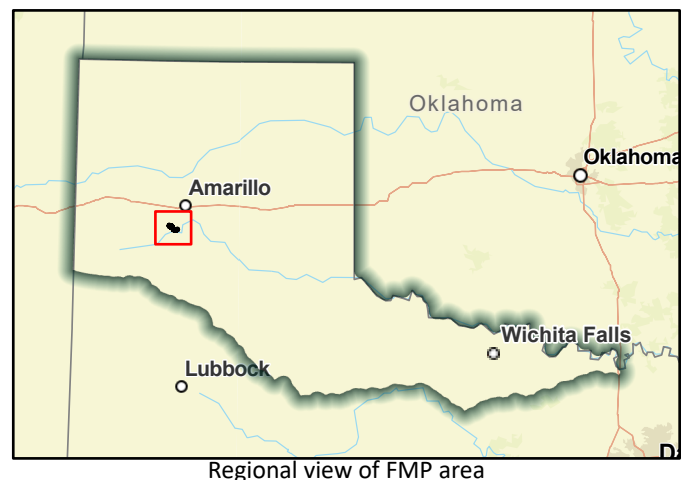
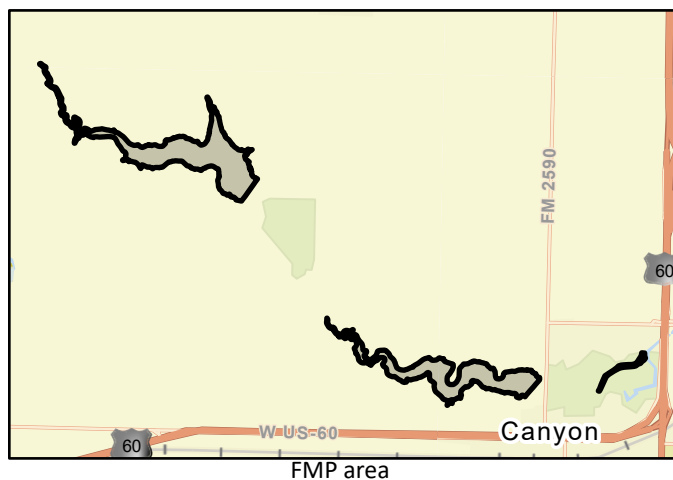
Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Project Cost % Nature-Based BCR

Recurring costs Issues



Flood Management Strategy (FMS)



Title	Knox County NFIP Involvement		
ID#	012000032	Sponsor	Knox (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-		Drainage area (mi ² , est.)
Watershed HUC# (if known)	111302040206, 111302040304,	111302040301, 111302040305,	111302040302, 111302040306, 111302050204,
			County
			Knox

Existing 100-Year Flood Risk

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 (miles)	5		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

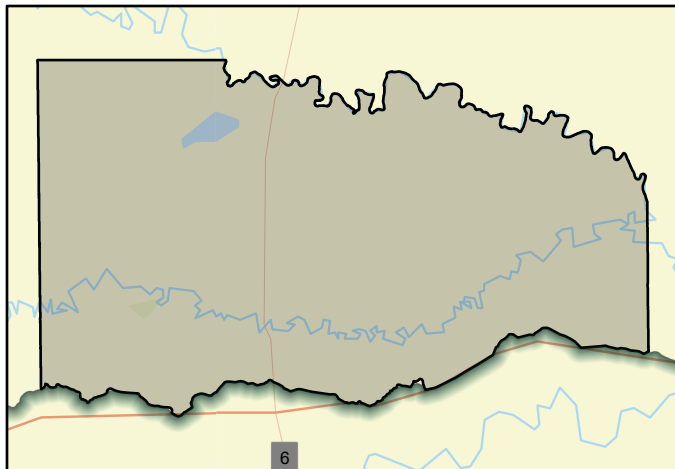
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

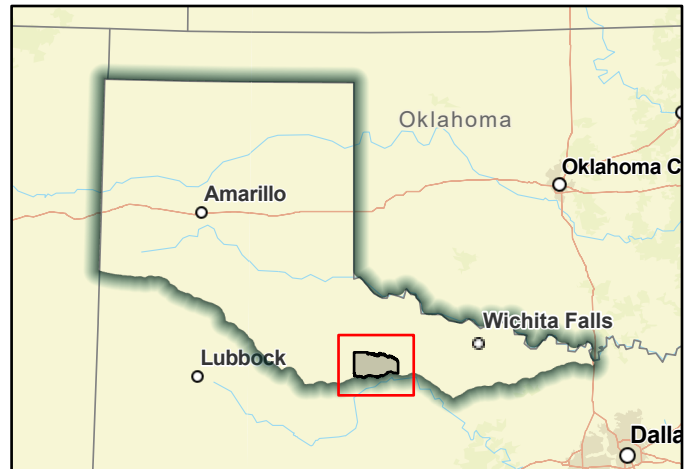
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Region-Wide Turn Around/Don't Drown		
ID#	012000048	Sponsor	Panhandle Regional Planning
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Educate public on Turn Around/Don't Drown program		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	34,626
Watershed HUC# (if known)	-	County	-

Existing 100-Year Flood Risk

Population at risk	41,795	# of structures	11,544	Critical facilities	160
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	2,425,094	Roadway(s) impacted (miles)	2,299		
Number of low water crossings	803	Historical road closures	1,250		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

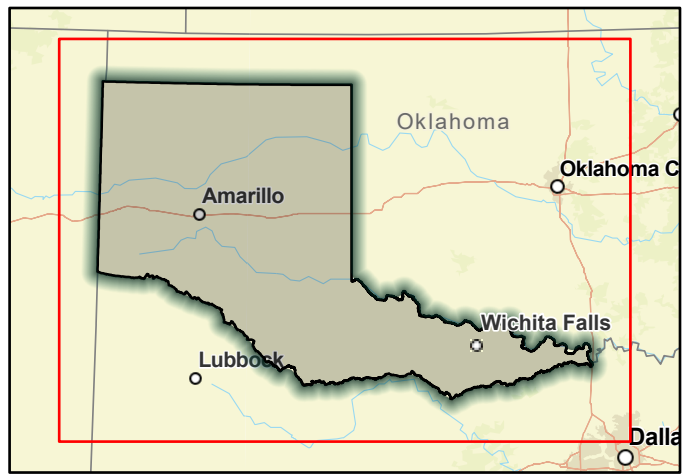
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Region-Wide Public Awareness		
ID#	012000049	Sponsor	Panhandle Regional Planning
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Educate public on flood safety		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	34,626
Watershed HUC# (if known)	-	County	-

Existing 100-Year Flood Risk

Population at risk	41,795	# of structures	11,544	Critical facilities	160
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	2,425,094	Roadway(s) impacted (miles)	2,299		
Number of low water crossings	803	Historical road closures	1,250		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

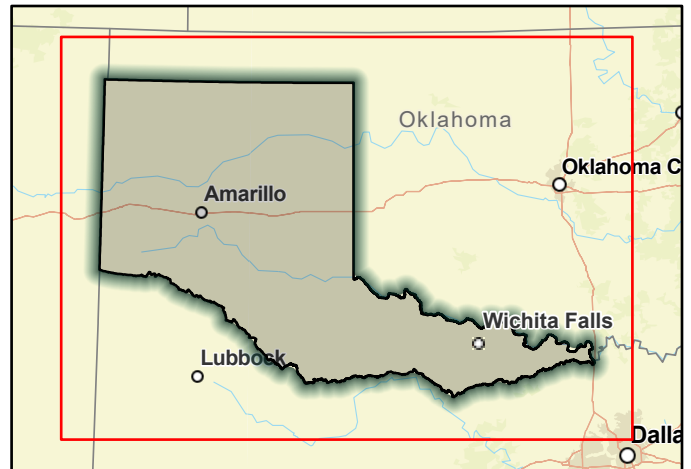
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Region-Wide Initiative to Increase Communities with Dedicated Funding Sources for Operations & Maintenance of Storm Drainage System**

ID# **012000063** Sponsor **Panhandle Regional Planning**

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

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Provide resources and assistance for communities looking to developing funding sources for drainage		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	34,626
Watershed HUC# (if known)	-	County	-

Existing 100-Year Flood Risk

Population at risk	41,795	# 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 (miles)	2,299		
Number of low water crossings	803	Historical road closures	1,250		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

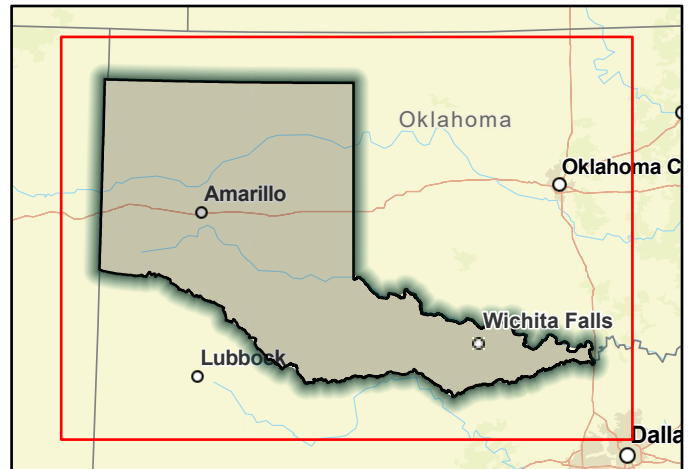
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

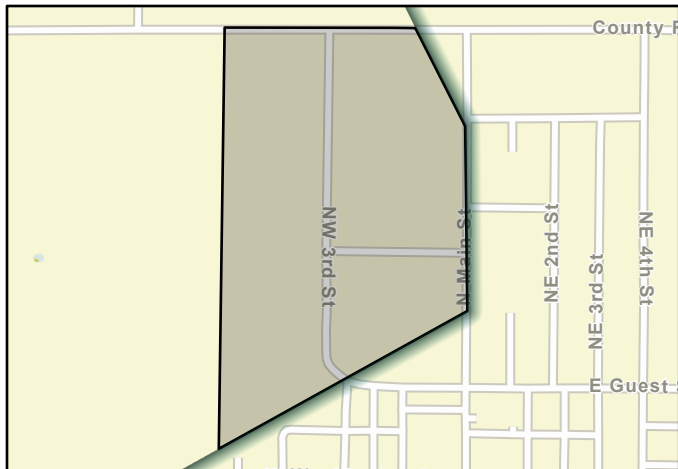
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Wichita County Ordinance Development		
ID#	012000060	Sponsor	Wichita (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Update subdivision ordinance for enhanced consideration for floodplain management		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	617
Watershed HUC# (if known)	-	County	Wichita

Existing 100-Year Flood Risk

Population at risk	15,949	# of structures	3,986	Critical facilities	72
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	49,700	Roadway(s) impacted (miles)	193		
Number of low water crossings	174	Historical road closures	267		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

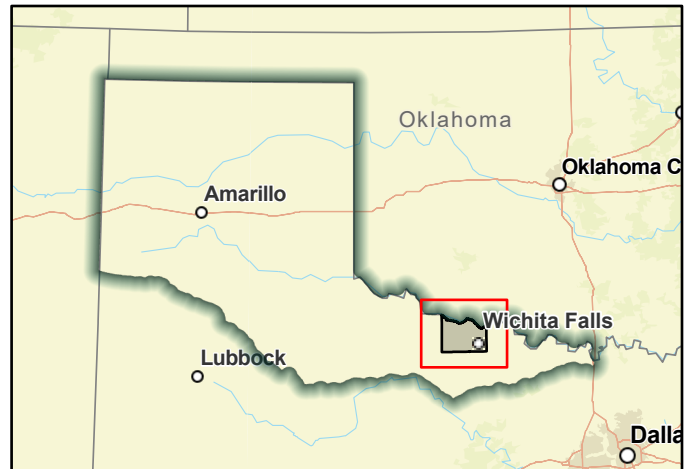
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Cottle County NFIP Involvement**

ID# **012000030** Sponsor **Cottle (County)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **900**

County **Cottle**

Existing 100-Year Flood Risk

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 (miles) **33**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

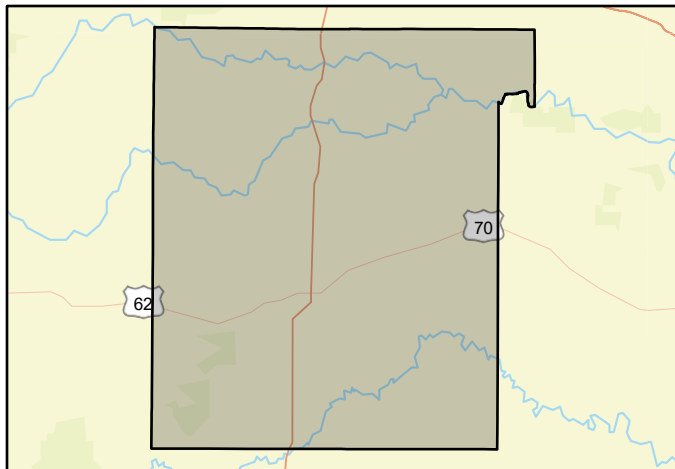
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Hardeman County NFIP Involvement		
ID#	012000031	Sponsor	Hardeman (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	696
Watershed HUC# (if known)	-	County	Hardeman

Existing 100-Year Flood Risk

Population at risk	157	# of structures	43	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	59,007	Roadway(s) impacted (miles)	54		
Number of low water crossings	6	Historical road closures	6		

100-Year Flood Risk Reduction

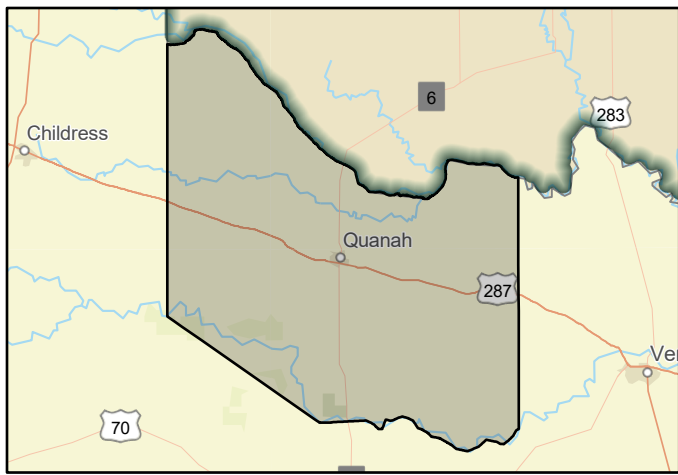
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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Flood Management Strategy (FMS)



Title	Carson County NFIP Involvement		
ID#	012000033	Sponsor	Carson (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	925
Watershed HUC# (if known)	-	County	Carson

Existing 100-Year Flood Risk

Population at risk	270	# 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 (miles)	36		
Number of low water crossings	10	Historical road closures	12		

100-Year Flood Risk Reduction

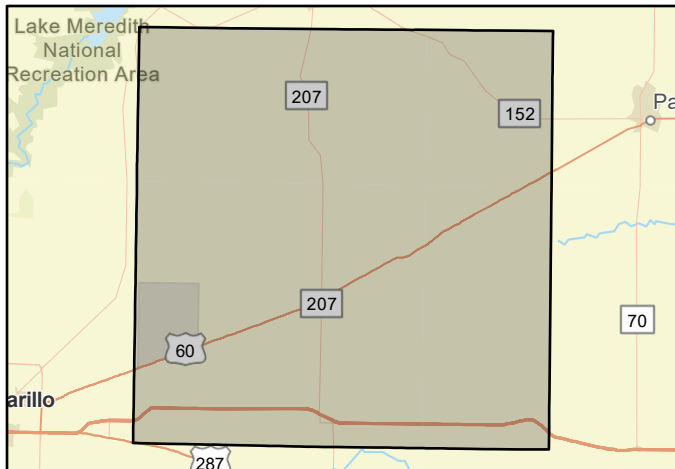
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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Flood Management Strategy (FMS)



Title **Hemphill County NFIP Involvement**

ID# **012000034** Sponsor **Hemphill (County)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **914**

County **Hemphill**

Existing 100-Year Flood Risk

Population at risk **100** # 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 (miles) **30**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

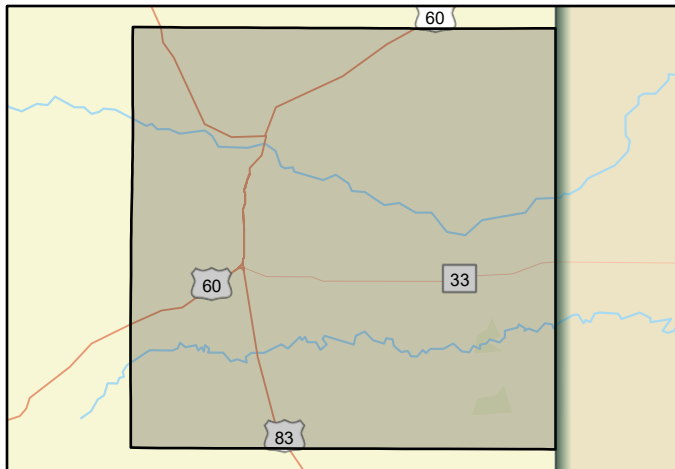
Impacts

Negative impacts? **No** Negative impacts description **N/A**

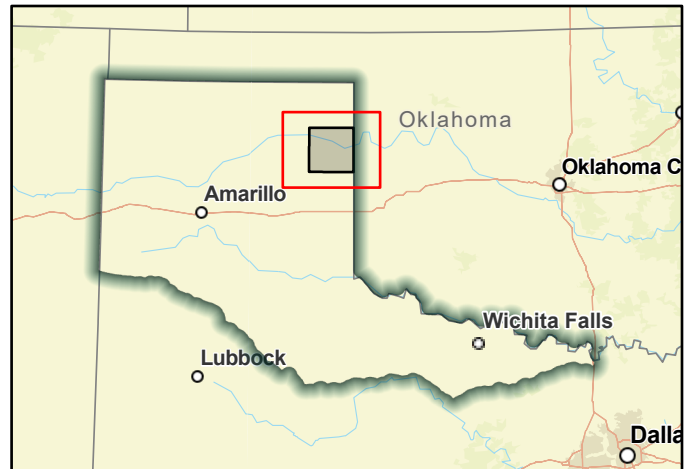
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Roberts County NFIP Involvement		
ID#	012000035	Sponsor	Roberts (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	925
Watershed HUC# (if known)	-	County	Roberts

Existing 100-Year Flood Risk

Population at risk	60	# of structures	90	Critical facilities	2
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	91,031	Roadway(s) impacted (miles)	21		
Number of low water crossings	5	Historical road closures	5		

100-Year Flood Risk Reduction

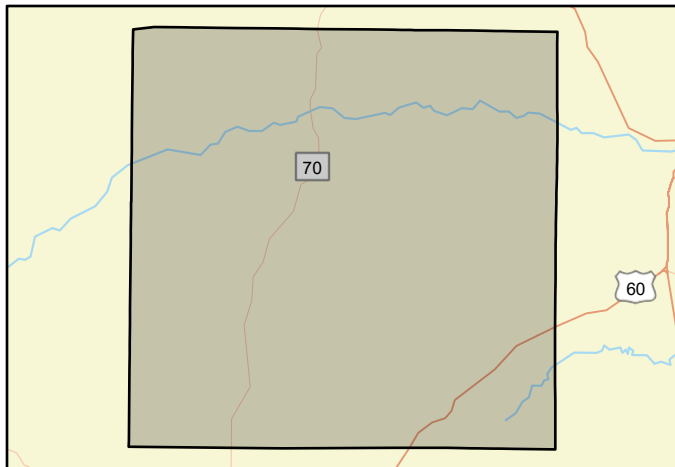
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Hutchinson County NFIP Involvement		
ID#	012000036	Sponsor	Hutchinson (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	897
Watershed HUC# (if known)	-	County	Hutchinson

Existing 100-Year Flood Risk

Population at risk	925	# of structures	428	Critical facilities	2
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	70,012	Roadway(s) impacted (miles)	30		
Number of low water crossings	10	Historical road closures	10		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Moore County NFIP Involvement		
ID#	012000037	Sponsor	Moore (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	911
Watershed HUC# (if known)	-	County	Moore

Existing 100-Year Flood Risk

Population at risk	326	# 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 (miles)	29		
Number of low water crossings	10	Historical road closures	13		

100-Year Flood Risk Reduction

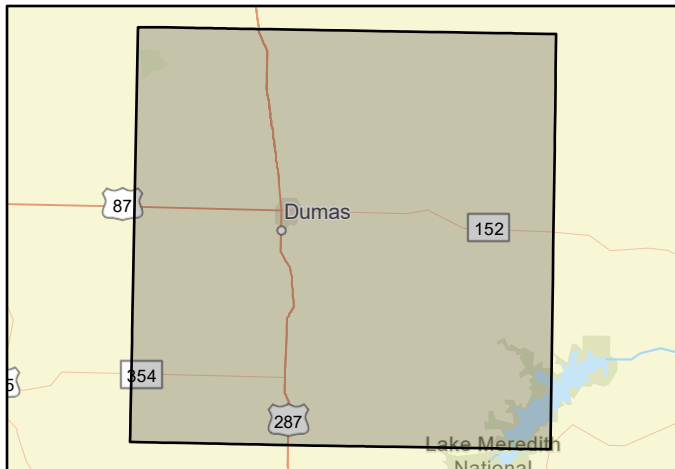
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

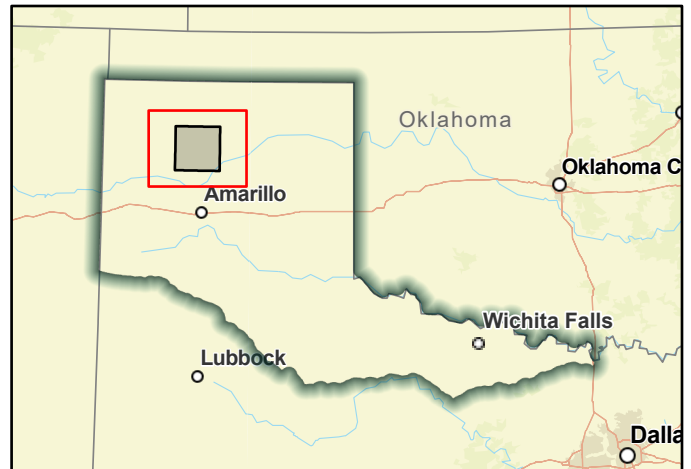
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Hartley County NFIP Involvement		
ID#	012000038	Sponsor	Hartley (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,466
Watershed HUC# (if known)	-	County	Hartley

Existing 100-Year Flood Risk

Population at risk	281	# 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 (miles)	83		
Number of low water crossings	61	Historical road closures	63		

100-Year Flood Risk Reduction

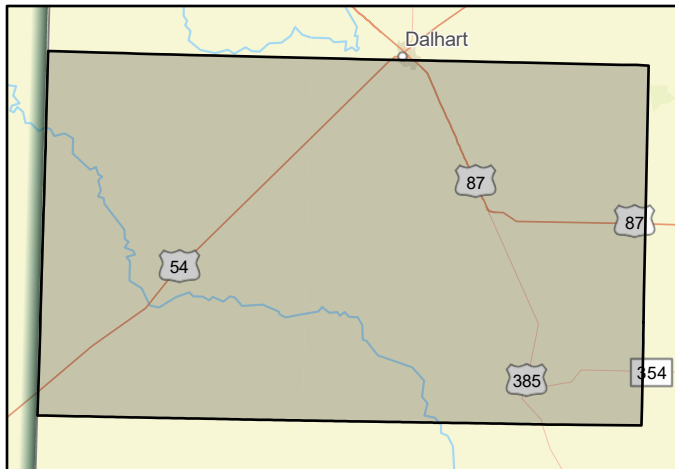
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Briscoe County NFIP Involvement		
ID#	012000039	Sponsor	Briscoe (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	901
Watershed HUC# (if known)	-	County	Briscoe

Existing 100-Year Flood Risk

Population at risk	23	# of structures	36	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	64,354	Roadway(s) impacted (miles)	45		
Number of low water crossings	2	Historical road closures	2		

100-Year Flood Risk Reduction

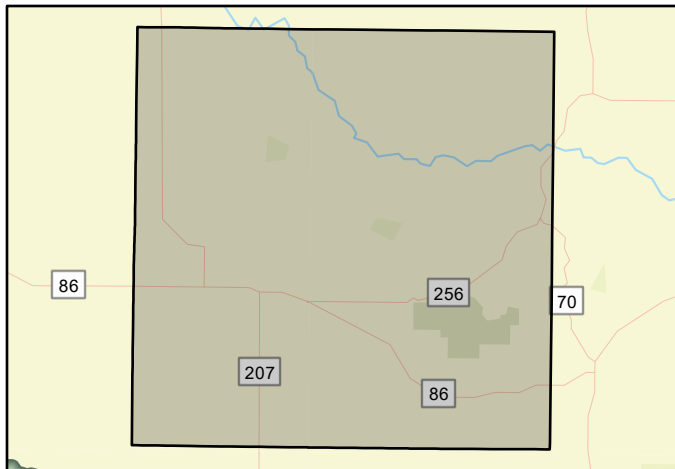
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

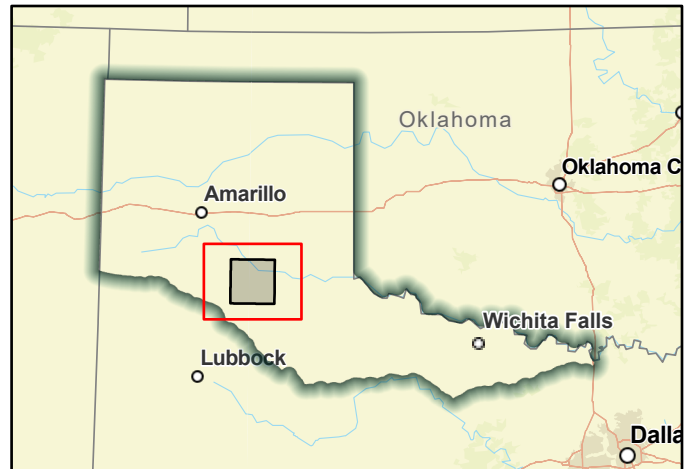
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Donley County NFIP Involvement		
ID#	012000040	Sponsor	Donley (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	933
Watershed HUC# (if known)	-	County	Donley

Existing 100-Year Flood Risk

Population at risk	629	# of structures	219	Critical facilities	2
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	76,552	Roadway(s) impacted (miles)	46		
Number of low water crossings	9	Historical road closures	9		

100-Year Flood Risk Reduction

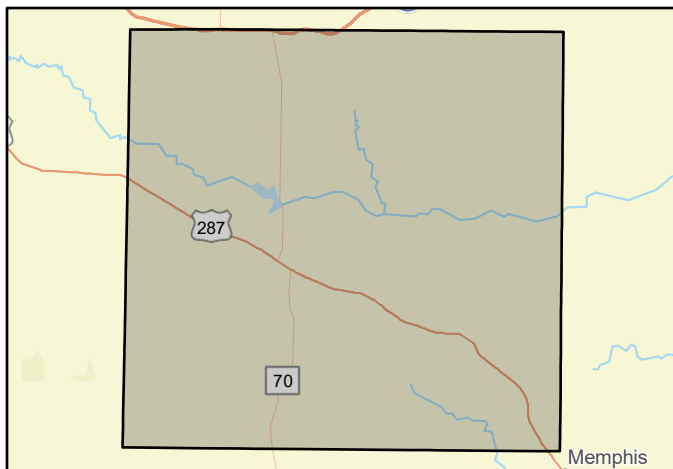
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

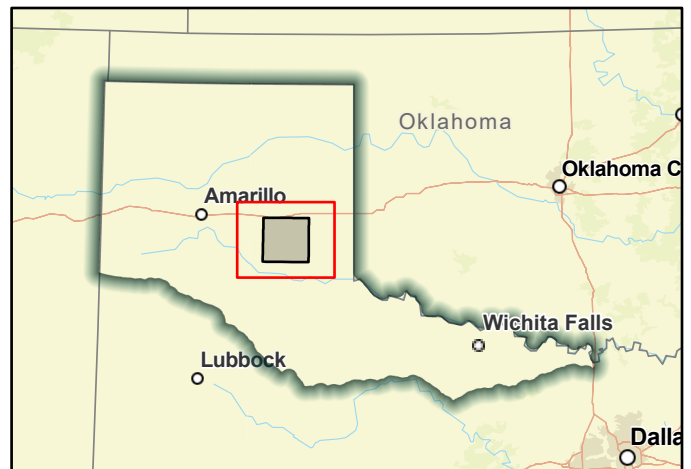
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Armstrong County NFIP Involvement		
ID#	012000041	Sponsor	Armstrong (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	912
Watershed HUC# (if known)	-	County	Armstrong

Existing 100-Year Flood Risk

Population at risk	13	# of structures	24	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	56,990	Roadway(s) impacted (miles)	25		
Number of low water crossings	14	Historical road closures	27		

100-Year Flood Risk Reduction

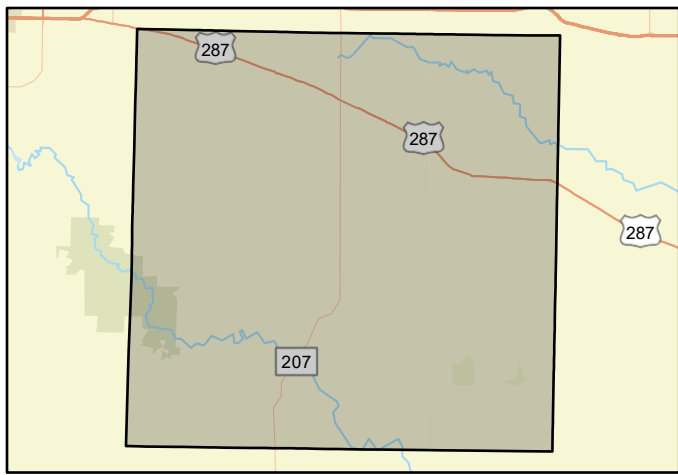
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Deaf Smith County NFIP Involvement		
ID#	012000042	Sponsor	Deaf Smith (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,498
Watershed HUC# (if known)	-	County	Deaf Smith

Existing 100-Year Flood Risk

Population at risk	388	# of structures	120	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	54,135	Roadway(s) impacted (miles)	76		
Number of low water crossings	18	Historical road closures	25		

100-Year Flood Risk Reduction

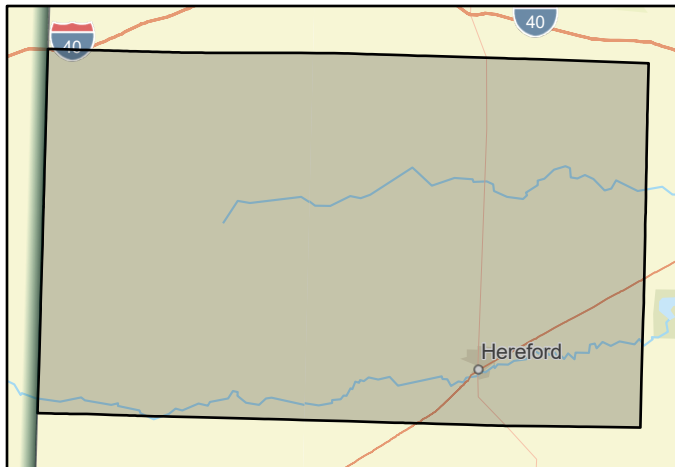
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Wheeler County NFIP Involvement		
ID#	012000043	Sponsor	Wheeler (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	916
Watershed HUC# (if known)	-	County	Wheeler

Existing 100-Year Flood Risk

Population at risk	338	# of structures	191	Critical facilities	4
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	70,022	Roadway(s) impacted (miles)	65		
Number of low water crossings	4	Historical road closures	4		

100-Year Flood Risk Reduction

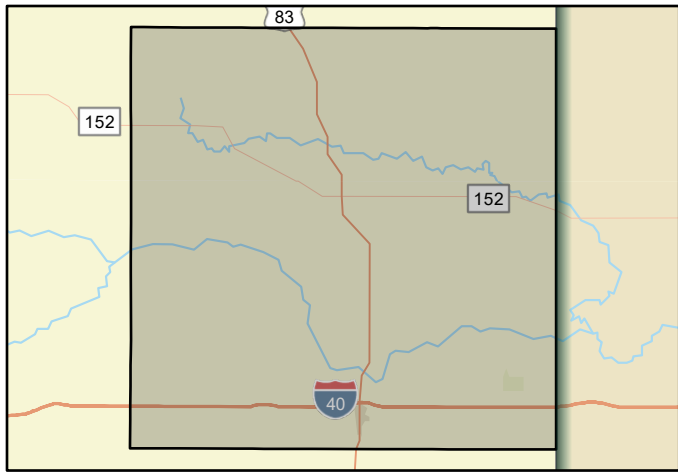
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

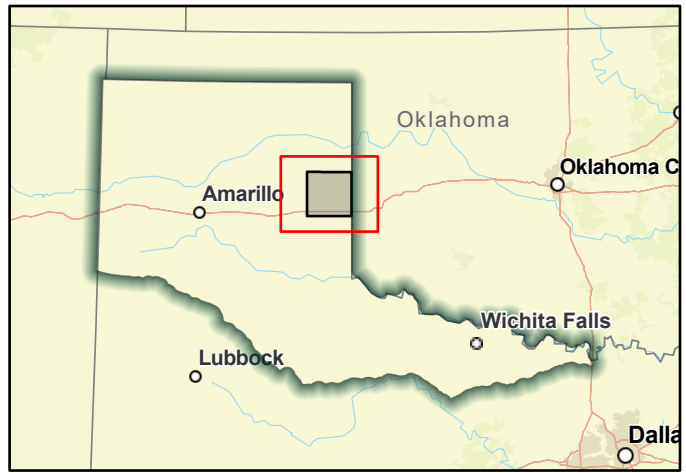
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title Sherman County NFIP Involvement

ID# 012000044 Sponsor Sherman (County)

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

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	926
Watershed HUC# (if known)	-	County	Sherman

Existing 100-Year Flood Risk

Population at risk	32	# 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 (miles)	57		
Number of low water crossings	9	Historical road closures	10		

100-Year Flood Risk Reduction

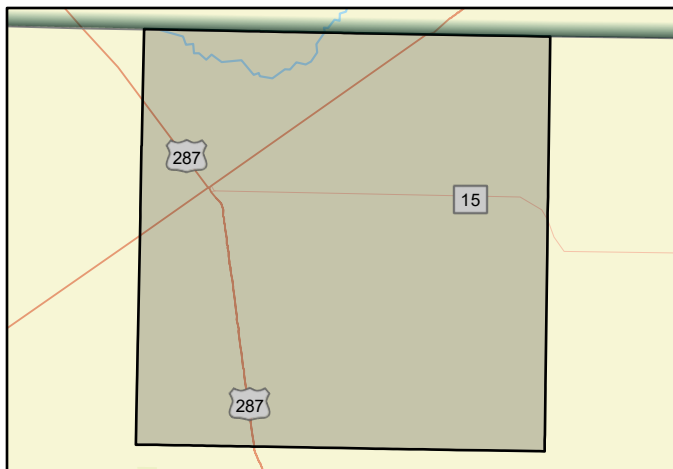
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

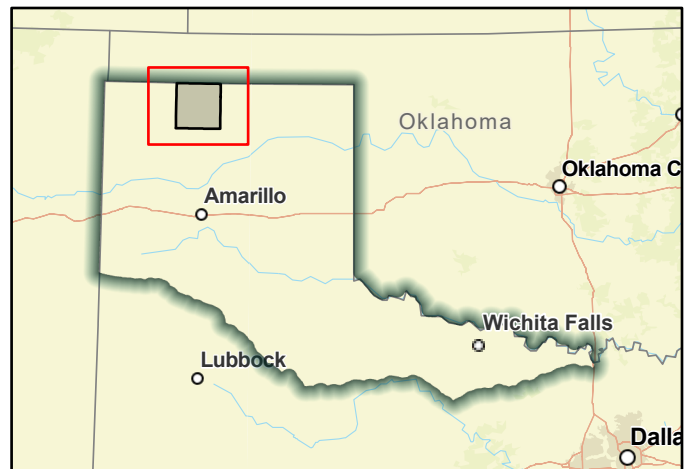
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Dallam County NFIP Involvement		
ID#	012000045	Sponsor	Dallam (County)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,510
Watershed HUC# (if known)	-	County	Dallam

Existing 100-Year Flood Risk

Population at risk	1,951	# of structures	890	Critical facilities	2
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	91,034	Roadway(s) impacted (miles)	178		
Number of low water crossings	22	Historical road closures	22		

100-Year Flood Risk Reduction

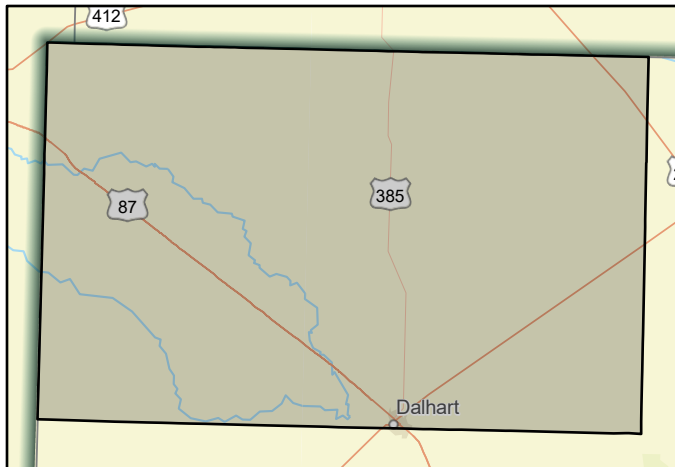
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

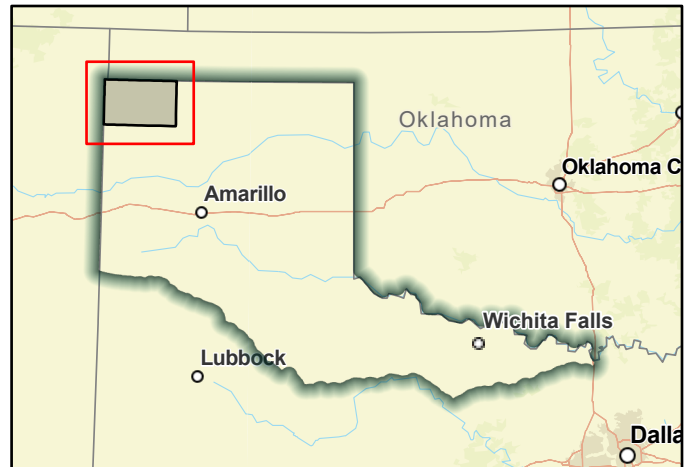
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Lipscomb County NFIP Involvement**

ID# **012000046** Sponsor **Lipscomb (County)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **936**

County **Lipscomb**

Existing 100-Year Flood Risk

Population at risk **80** # 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 (miles) **20**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

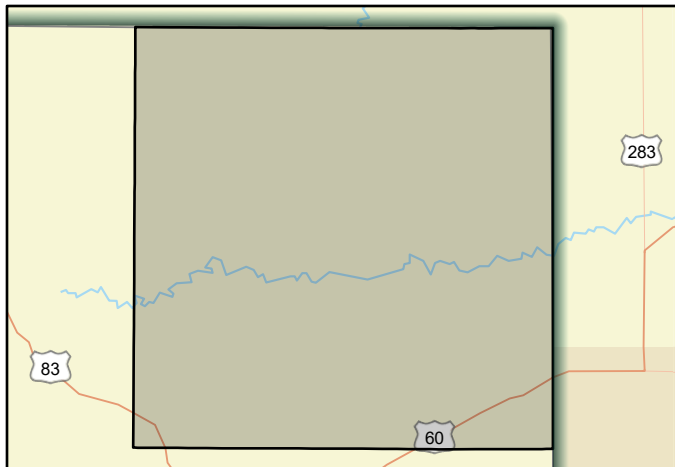
Impacts

Negative impacts? **No** Negative impacts description **N/A**

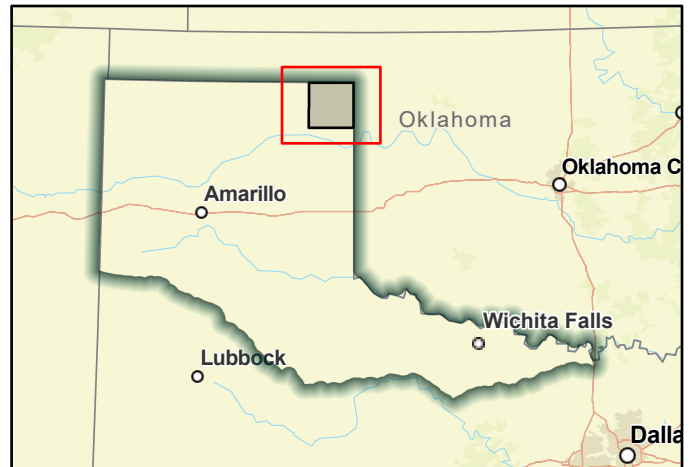
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Ochiltree County NFIP Involvement**

ID# **012000047** Sponsor **Ochiltree (County)**

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

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	923
Watershed HUC# (if known)	-	County	Ochiltree

Existing 100-Year Flood Risk

Population at risk	658	# 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 (miles)	31		
Number of low water crossings	1	Historical road closures	1		

100-Year Flood Risk Reduction

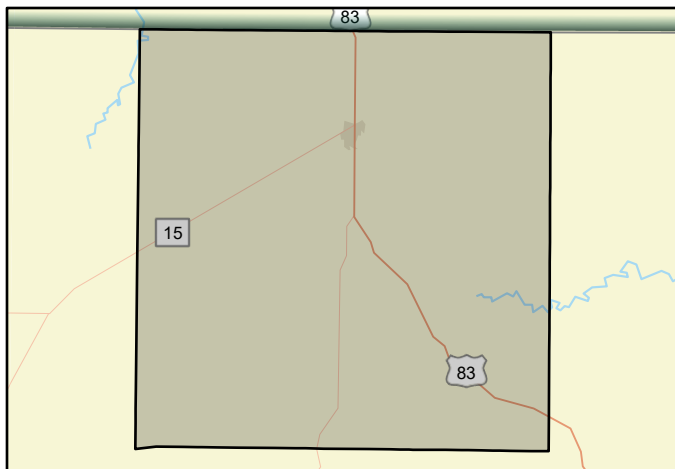
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

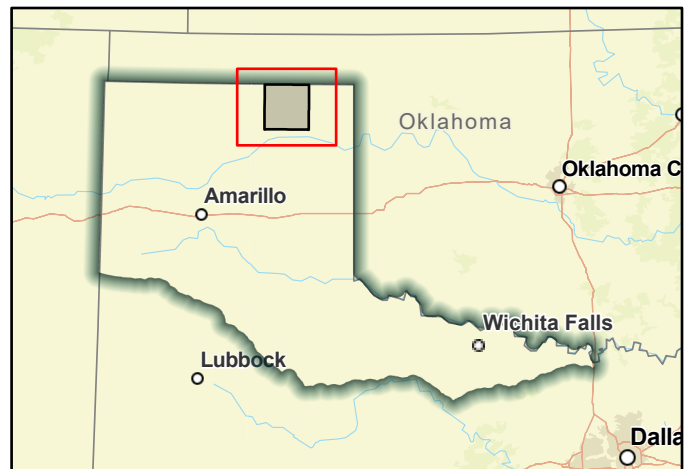
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Channing NFIP Involvement**

ID# **012000062** Sponsor **Channing (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **110901050104, 110901020702** Drainage area (mi², est.) **1**

County **Hartley**

Existing 100-Year Flood Risk

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 (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title	Matador NFIP Involvement		
ID#	012000029	Sponsor	Matador (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	111301040402	County	Motley

Existing 100-Year Flood Risk

Population at risk	12	# of structures	8	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	1	Roadway(s) impacted (miles)	1		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

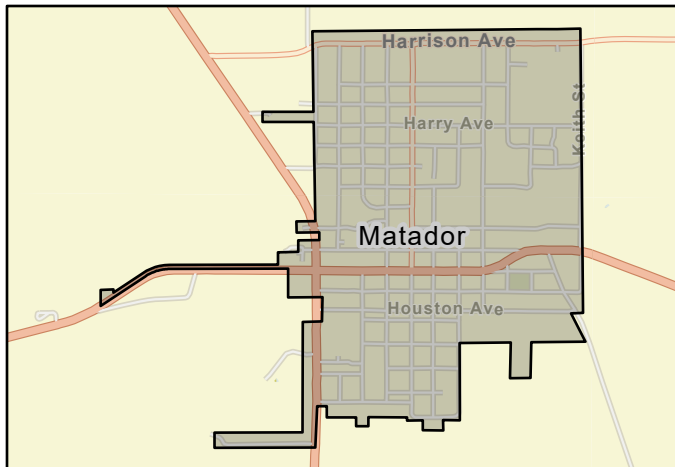
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Bellevue NFIP Involvement**

ID# **012000013** Sponsor **Bellevue (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111302010203, 111302090403** Drainage area (mi², est.) **1**

County **Clay**

Existing 100-Year Flood Risk

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) **3** Roadway(s) impacted (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

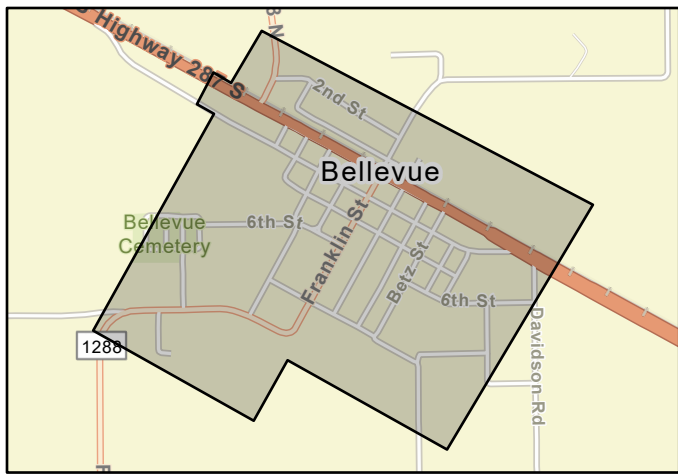
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Dean NFIP Involvement		
ID#	012000003	Sponsor	Dean (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	111302060501, 111302090503, 111302090505		County
			Clay

Existing 100-Year Flood Risk

Population at risk	3	# of structures	3	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 (miles)	0		
Number of low water crossings	1	Historical road closures	2		

100-Year Flood Risk Reduction

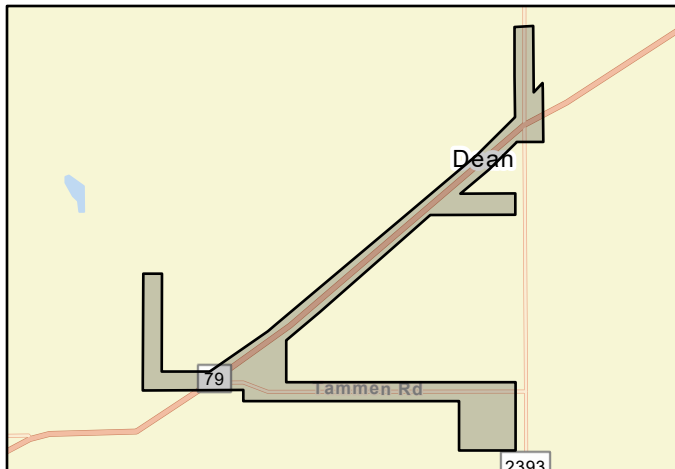
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hedley NFIP Involvement**

ID# **012000006** Sponsor **Hedley (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111201050401, 111202020101** Drainage area (mi², est.) **1**

County **Donley**

Existing 100-Year Flood Risk

Population at risk **137** # of structures **2** 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 (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

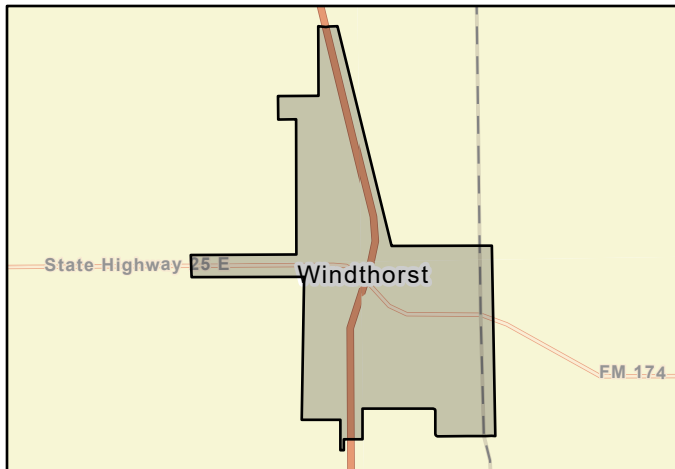
Impacts

Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

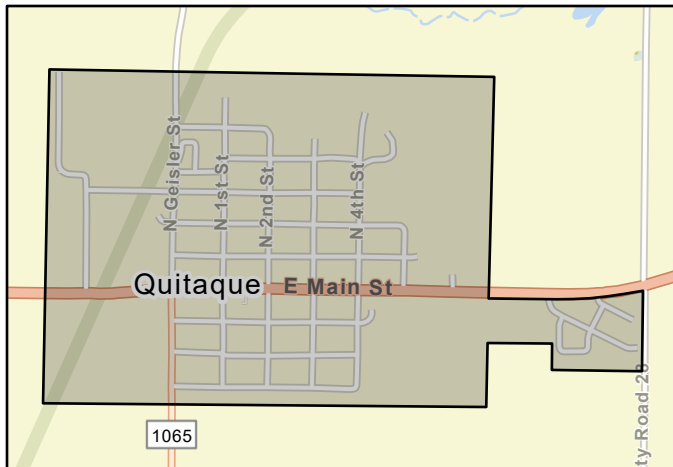
Impacts

Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Silverton NFIP Involvement**

ID# **012000017** Sponsor **Silverton (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111301030101** Drainage area (mi², est.) **1**

County **Briscoe**

Existing 100-Year Flood Risk

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 (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



Flood Management Strategy (FMS)



Title **Follett NFIP Involvement**

ID# **012000024** Sponsor **Follett (Municipality)**

RFPG recommend? **No** Reason for Recommendation **Community not interested in participation**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111002030201, 111002030401** Drainage area (mi², est.) **1**

County **Lipscomb**

Existing 100-Year Flood Risk

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

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

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

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

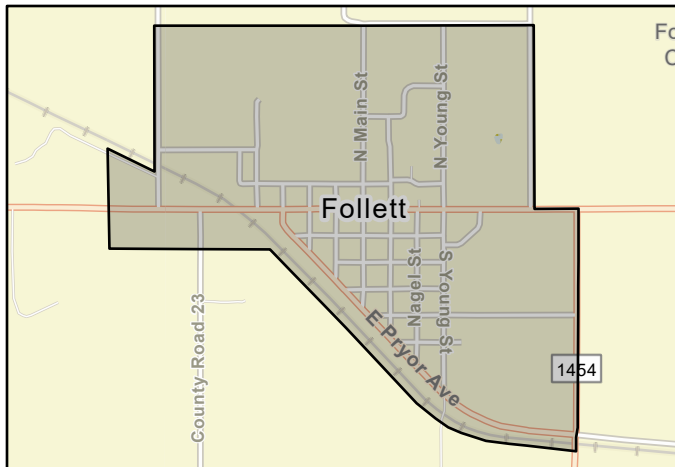
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Amarillo Update Stormwater Criteria**

ID# **012000050** Sponsor

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

Strategy Details

Strategy type	Regulatory and Guidance				
Strategy description	Update stormwater criteria based on recommendations identified in the 2019 Drainage Master Plan				
Associated FME's	-		Associated FMP's	-	
Associated FMS's	-		Drainage area (mi ² , est.)	102	
Watershed HUC# (if known)	110901050308, 111201030102,	110901050309, 111201030106,	110901050402, 111201030107,	111201030101, 111203010101,	County Potter, Randall

Existing 100-Year Flood Risk

Population at risk	12,344	# 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 (miles)	103		
Number of low water crossings	6	Historical road closures	6		

100-Year Flood Risk Reduction

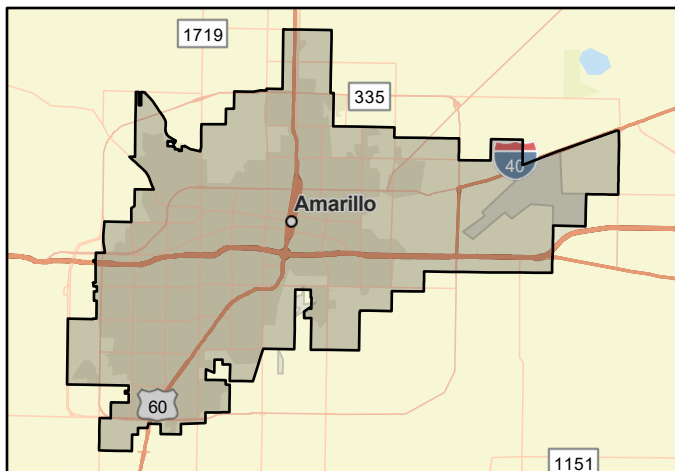
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$25,000
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Amarillo Develop Criteria for Playa Development**

ID# **012000051** Sponsor

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Address sustainable playa development; establish modelling standard**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **110901050308, 110901050309, 110901050402, 111201030101, 111201030102, 111201030106, 111201030107, 111203010101,** Drainage area (mi², est.) **102**

County **Potter, Randall**

Existing 100-Year Flood Risk

Population at risk **12,344** # 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 (miles) **103**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **Environmental benefits** Reduction in # of road closures over 10 years **0**

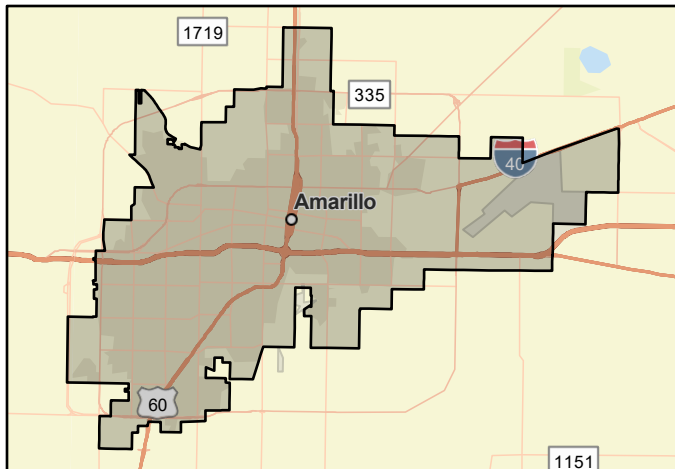
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$25,000**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Amarillo Gages for Playas**

ID# **012000052** Sponsor

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

Strategy Details

Strategy type	Flood Measurement and Warning				
Strategy description	Install gages on playa lakes				
Associated FME's	-		Associated FMP's	-	
Associated FMS's	-		Drainage area (mi ² , est.)	102	
Watershed HUC# (if known)	110901050308, 111201030102,	110901050309, 111201030106,	110901050402, 111201030107,	111201030101, 111203010101,	County Potter, Randall

Existing 100-Year Flood Risk

Population at risk	12,344	# 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 (miles)	103		
Number of low water crossings	6	Historical road closures	6		

100-Year Flood Risk Reduction

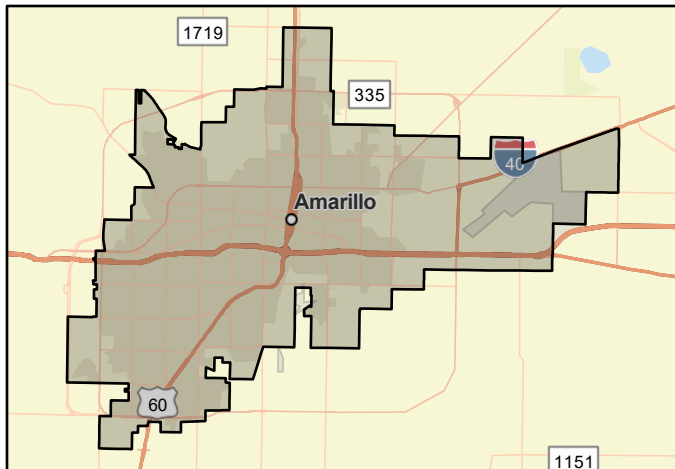
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$250,000	Amount of available funding	\$62,500
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Amarillo Flood Warning System**

ID# **012000053** Sponsor

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

Strategy Details

Strategy type **Flood Measurement and Warning**

Strategy description **Implement flood warning system in the north side of town**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **110901050308, 110901050309, 110901050402, 111201030101, 111201030102, 111201030106, 111201030107, 111203010101,** Drainage area (mi², est.) **102**

County **Potter, Randall**

Existing 100-Year Flood Risk

Population at risk **12,344** # 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 (miles) **103**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

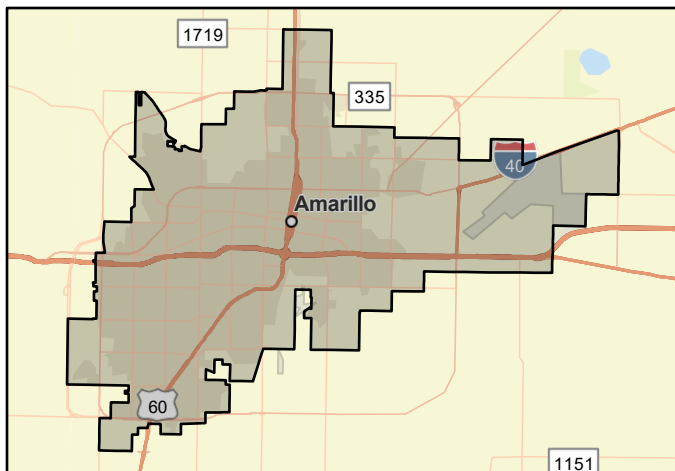
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$250,000** Amount of available funding **\$62,500**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title	Stratford NFIP Involvement		
ID#	012000011	Sponsor	Stratford (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	111001030209, 111001030403, 111001030404	County	Sherman

Existing 100-Year Flood Risk

Population at risk	0	# of structures	0	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (miles)	0		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

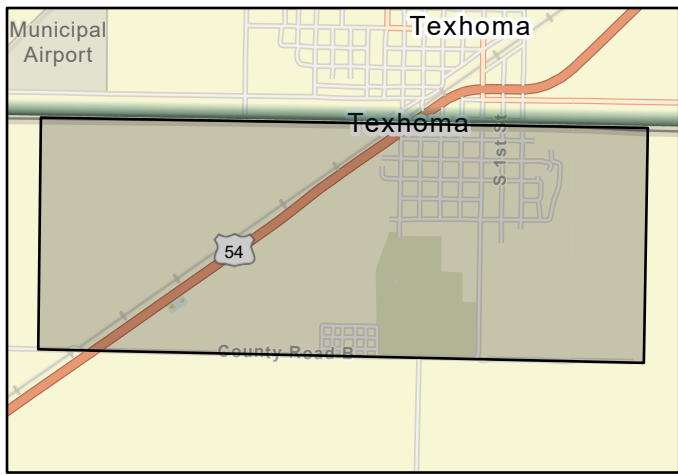
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Sanford NFIP Involvement**

ID# **012000023** Sponsor **Sanford (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **110901060105** Drainage area (mi², est.) **0**

County **Hutchinson**

Existing 100-Year Flood Risk

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) **3** Roadway(s) impacted (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

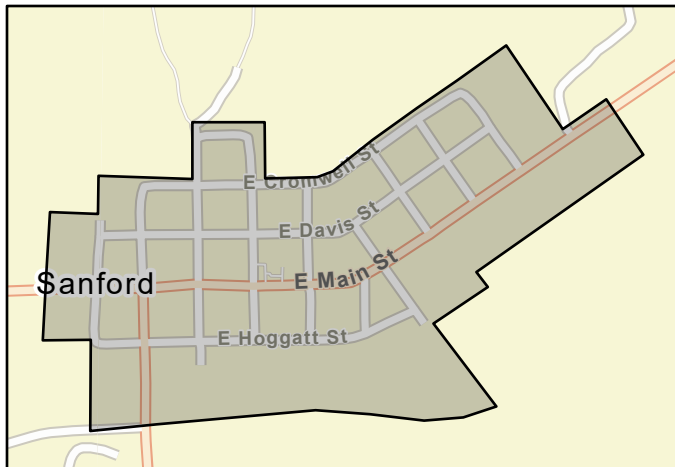
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title	Stinnett NFIP Involvement		
ID#	012000022	Sponsor	Stinnett (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	110901060106, 110901060108	County	Hutchinson

Existing 100-Year Flood Risk

Population at risk	74	# of structures	67	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 (miles)	3		
Number of low water crossings	1	Historical road closures	1		

100-Year Flood Risk Reduction

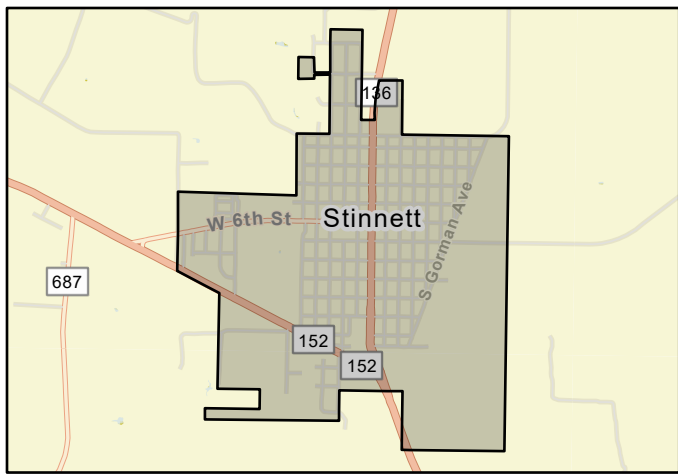
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Nazareth NFIP Involvement**

ID# **012000007** Sponsor **Nazareth (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111201040202** Drainage area (mi², est.) **0**

County **Castro**

Existing 100-Year Flood Risk

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 (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

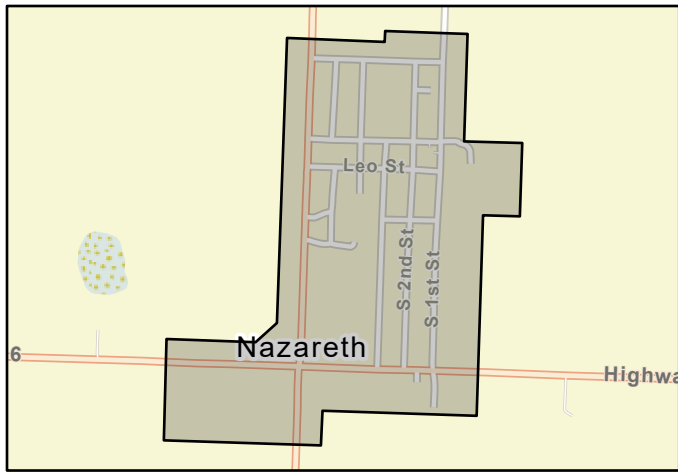
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

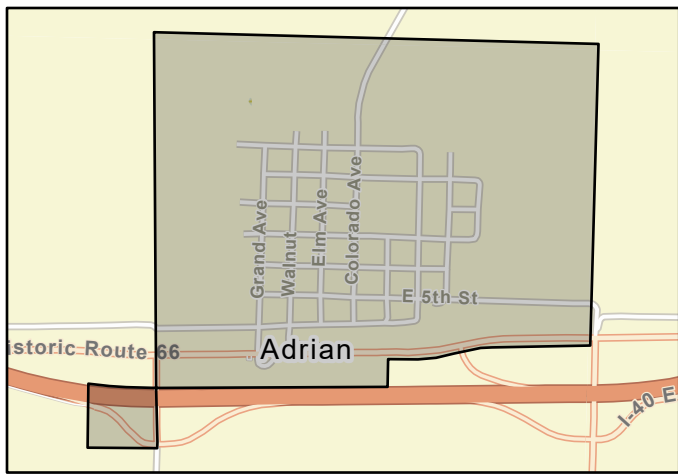
Impacts

Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

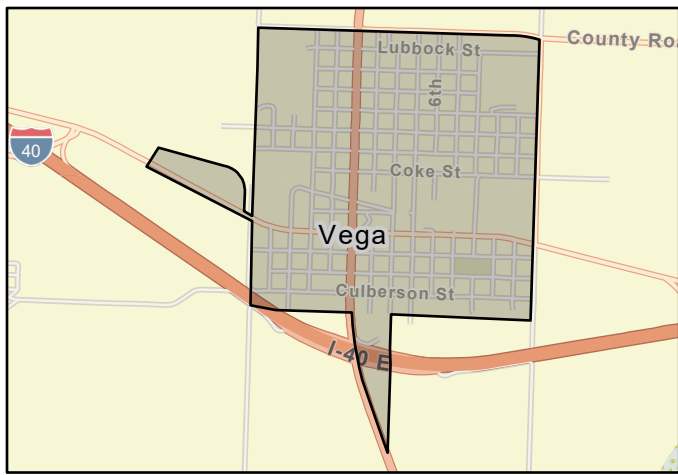
Impacts

Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title	Estelline NFIP Involvement		
ID#	012000010	Sponsor	Estelline (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	111201050301	County	Hall

Existing 100-Year Flood Risk

Population at risk	0	# of structures	0	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (miles)	0		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Skellytown NFIP Involvement**

ID# **012000027** Sponsor **Skellytown (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **110901060302, 110901060307** Drainage area (mi², est.) **0**

County **Carson**

Existing 100-Year Flood Risk

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 (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

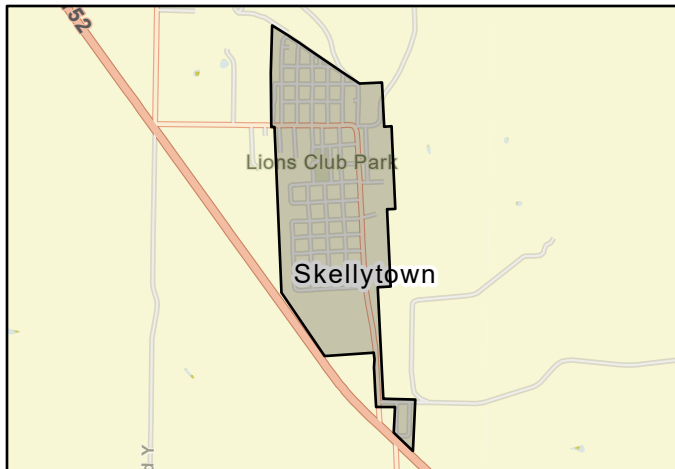
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Miami NFIP Involvement		
ID#	012000026	Sponsor	Miami (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	110901060604, 110901060605, 110901060606	County	Roberts

Existing 100-Year Flood Risk

Population at risk	42	# of structures	35	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	139	Roadway(s) impacted (miles)	2		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	McLean NFIP Involvement		
ID#	012000021	Sponsor	McLean (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	111203010208, 111203040102		County
			Gray

Existing 100-Year Flood Risk

Population at risk	49	# of structures	24	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 (miles)	2		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

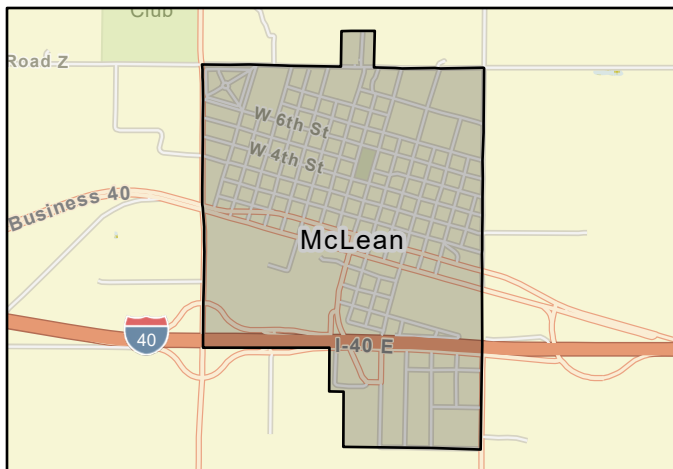
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

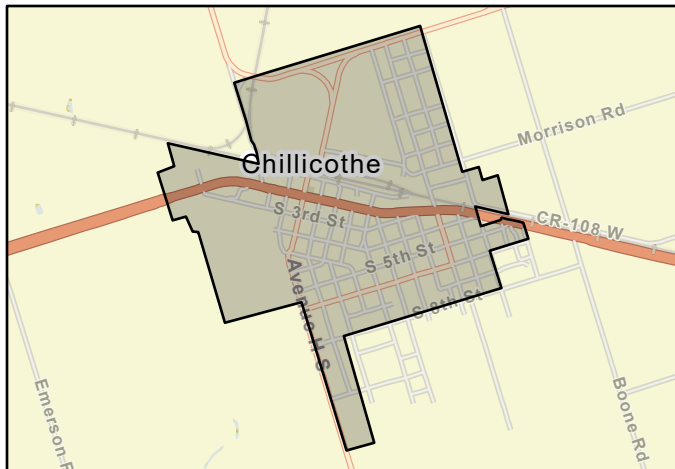
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Jolly NFIP Involvement**

ID# **012000004** Sponsor **Jolly (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111302090503, 111302090504, 111302090505** Drainage area (mi², est.) **1**

County **Clay**

Existing 100-Year Flood Risk

Population at risk **12** # 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 (miles) **1**

Number of low water crossings **2** Historical road closures **3**

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

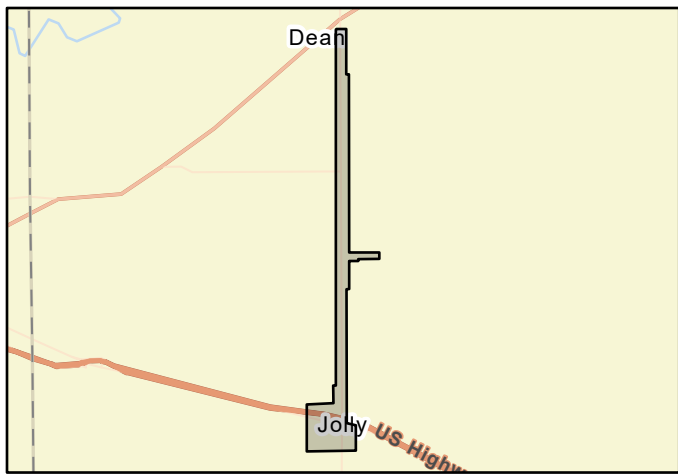
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Cashion NFIP Involvement		
ID#	012000015	Sponsor	Cashion Community
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	2
Watershed HUC# (if known)	111301020304, 111302060501		County
			Wichita

Existing 100-Year Flood Risk

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 (miles)	0	
Number of low water crossings	0		Historical road closures	0	

100-Year Flood Risk Reduction

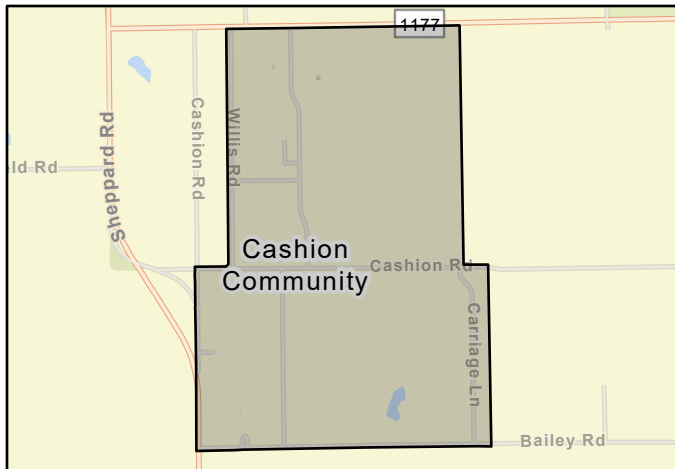
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Mobeetie NFIP Involvement**

ID# **012000005** Sponsor **Mobeetie (Municipality)**

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

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Application to join NFIP or adopt equivalent standards**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111203020203, 111203020204** Drainage area (mi², est.) **1**

County **Wheeler**

Existing 100-Year Flood Risk

Population at risk **0** # of structures **1** 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 (miles) **0**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

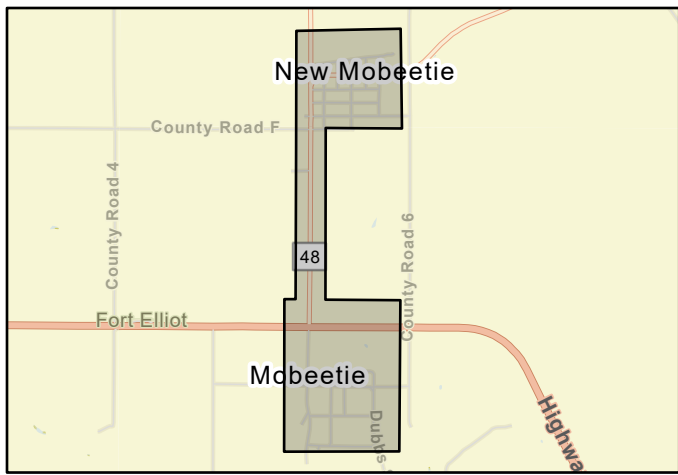
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title	Dodson NFIP Involvement		
ID#	012000016	Sponsor	Dodson (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1
Watershed HUC# (if known)	111301010301, 111301010303		County
			Collingsworth

Existing 100-Year Flood Risk

Population at risk	16	# of structures	10	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 (miles)	2		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

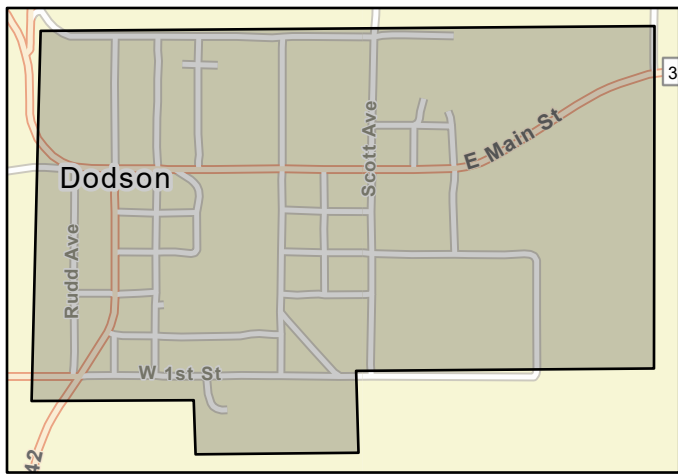
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Canyon Create Floodplain Ordinances**

ID# **012000001** Sponsor

RFPG recommend? **No** Reason for Recommendation **Already have ordinance, CRS FMS makes project redundant as well**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Establish drainage criteria**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111201010609, 111201020303, 111201020304, 111201030101** Drainage area (mi², est.) **7**

County **Randall**

Existing 100-Year Flood Risk

Population at risk **1,265** # 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 (miles) **15**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

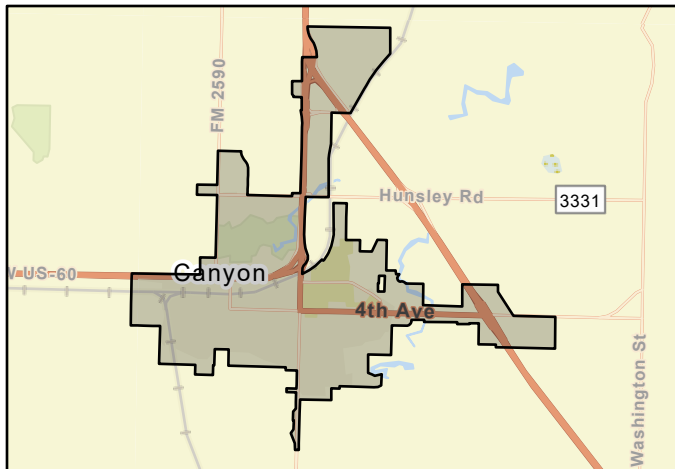
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

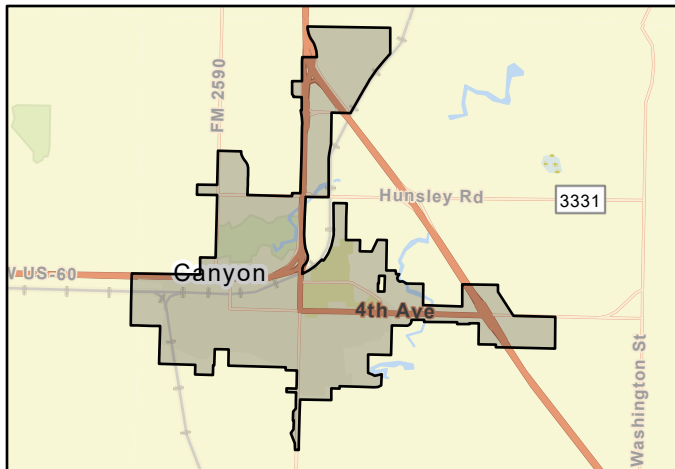
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title **City of Canyon Acquire, Buyout, and Flood-Proofing Program**

ID# **012000055** Sponsor

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

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Develop a program to identify and either acquire (buy out/relocate) or elevate structures in the floodplain**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111201010609, 111201020303, 111201020304, 111201030101** Drainage area (mi², est.) **7**

County **Randall**

Existing 100-Year Flood Risk

Population at risk **1,265** # 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 (miles) **15**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **72** # of structures removed from 100-yr **24**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

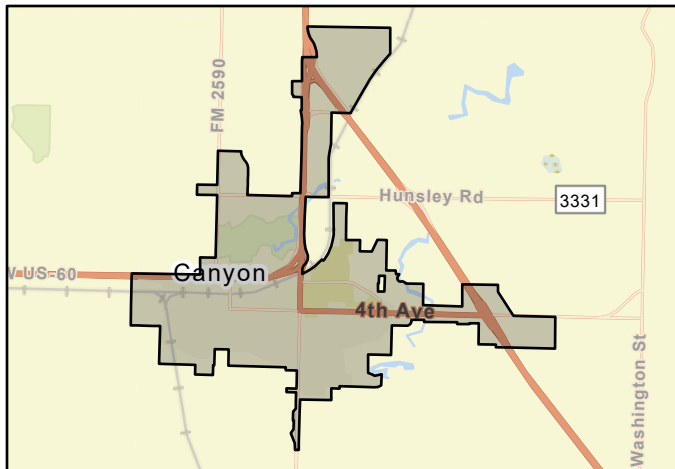
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$6,000,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title

ID# Sponsor

RFPG recommend? Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

Flood risk type: Riverine? Coastal? Local? Playa? Other?

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

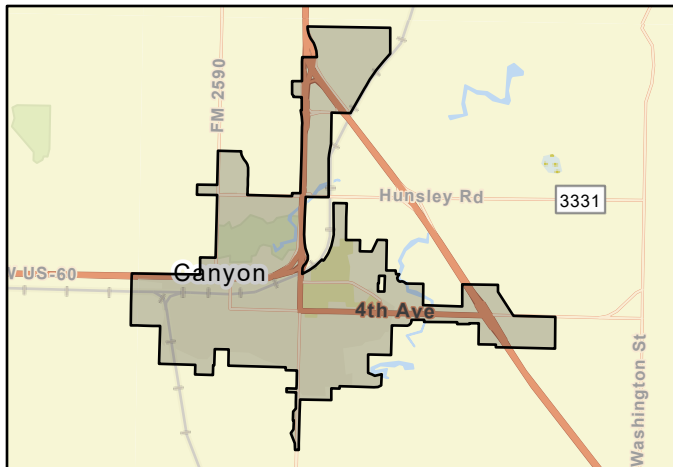
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Canyon Stream and Culvert Maintenance**

ID# **012000057** Sponsor

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

Strategy Details

Strategy type	Other		
Strategy description	Perform stream and culvert maintenance		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	7
Watershed HUC# (if known)	111201010609, 111201020303, 111201020304, 111201030101		County
			Randall

Existing 100-Year Flood Risk

Population at risk	1,265	# 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 (miles)	15		
Number of low water crossings	7	Historical road closures	7		

100-Year Flood Risk Reduction

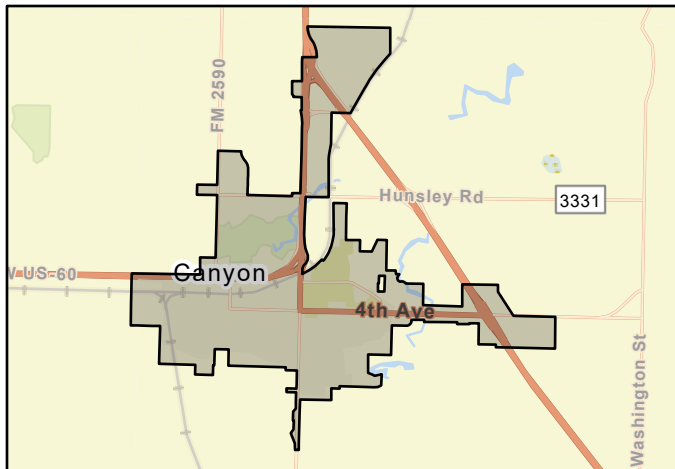
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Canyon Floodplain Regulation and Higher Standards (CRS)**

ID# **012000058** Sponsor

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

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Evaluate existing ordinances and development criteria and update as necessary to implement protective floodplain management standards and consider CRS participation		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	7
Watershed HUC# (if known)	111201010609, 111201020303, 111201020304, 111201030101		County
			Randall

Existing 100-Year Flood Risk

Population at risk	1,265	# 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 (miles)	15		
Number of low water crossings	7	Historical road closures	7		

100-Year Flood Risk Reduction

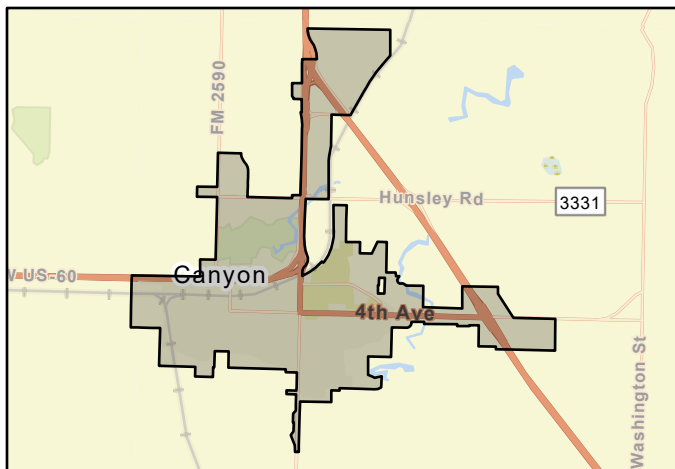
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

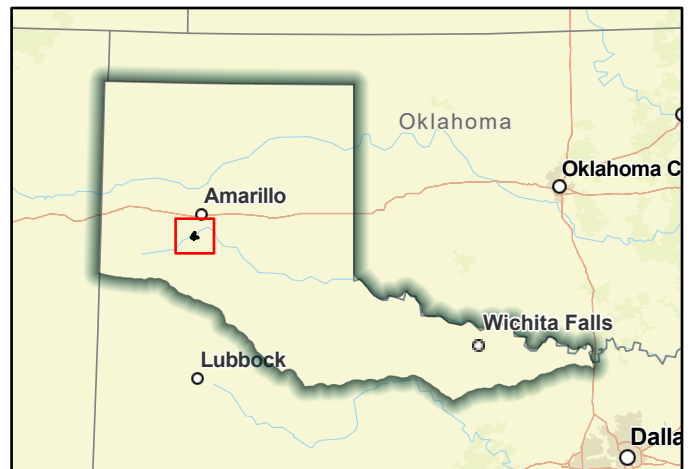
Negative impacts?	No	Negative impacts description	N/A
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Canyon Installation of LWC Gates on Flood-Prone Roadways**

ID# **012000059** Sponsor

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

Strategy Details

Strategy type **Infrastructure Projects**

Strategy description **Barrier installation keeps the public from entering high-water areas during flooding events.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **111201010609, 111201020303, 111201020304, 111201030101** Drainage area (mi², est.) **7**

County **Randall**

Existing 100-Year Flood Risk

Population at risk **1,265** # 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 (miles) **15**

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

100-Year Flood Risk Reduction

Population removed from 100-yr **0** # of structures removed from 100-yr **0**

Critical facilities removed from 100-yr **0** Farm/Ranch land removed from 100-yr (acres) **0**

Road removed from 100-yr (miles) **0** Low water crossings removed from 100-yr **0**

Other benefits **None** Reduction in # of road closures over 10 years **0**

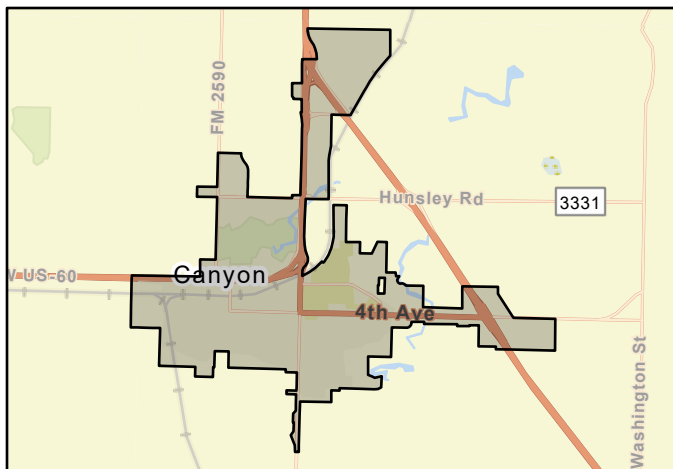
Impacts

Negative impacts? **No** Negative impacts description **N/A**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$1,000,000** Amount of available funding **\$-**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)

Title

ID# Sponsor

RFPG recommend? Yes Reason for Recommendation

Strategy Details

Strategy type

Strategy description

Associated FME's Associated FMP's

Associated FMS's

Watershed HUC# (if known) Drainage area (mi², est.)

County

Existing 100-Year Flood Risk

Population at risk # of structures Critical facilities

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

Farm/Ranch land impacted (acres) Roadway(s) impacted (miles)

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr

Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres)

Road removed from 100-yr (miles) Low water crossings removed from 100-yr

Other benefits Reduction in # of road closures over 10 years

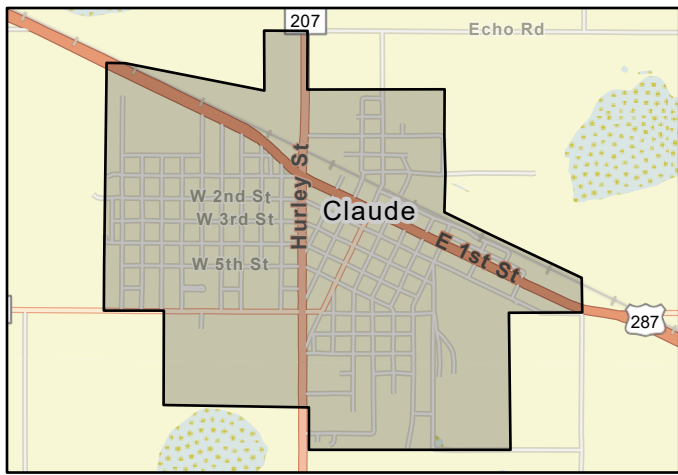
Impacts

Negative impacts? Negative impacts description

Water supply contributions? Water supply contribution description

Estimated Cost

Strategy Cost Amount of available funding



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title	Perryton NFIP Involvement		
ID#	012000025	Sponsor	Perryton (Municipality)
RFPG recommend?	Yes	Reason for Recommendation	Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Regulatory and Guidance		
Strategy description	Application to join NFIP or adopt equivalent standards		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	4
Watershed HUC# (if known)	111002010201, 111002010301, 111002010302		County
			Ochiltree

Existing 100-Year Flood Risk

Population at risk	558	# of structures	304	Critical facilities	0
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input checked="" type="checkbox"/> Yes	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	18	Roadway(s) impacted (miles)	7		
Number of low water crossings	0	Historical road closures	0		

100-Year Flood Risk Reduction

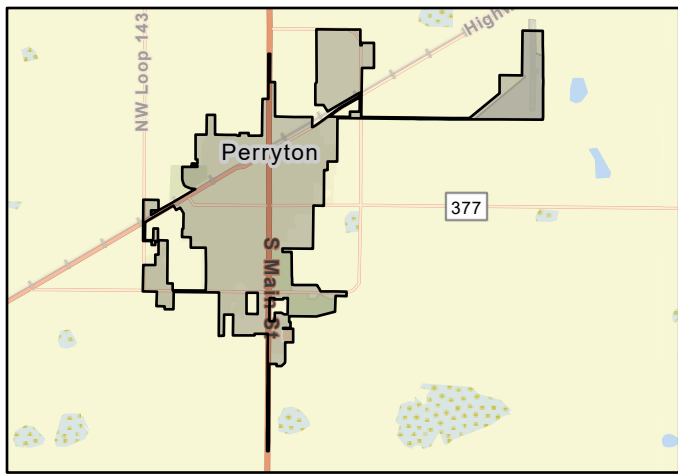
Population removed from 100-yr	0	# of structures removed from 100-yr	0
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits	None	Reduction in # of road closures over 10 years	0

Impacts

Negative impacts?	<input type="checkbox"/> No	Negative impacts description	N/A
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$100,000	Amount of available funding	\$-
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FMS area



Regional view of FMS area

Appendix D-3 | D-3.1

Table 12 – Potential Flood Management Evaluations
Identified by RFPG

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000001	Borger City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hutchinson	11090106	110901060106, 110901060107, 110901060109, 110901060204	Middle Canadian-Spring	Watershed Planning	8.6	Riverine	Borger	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Borger	No	\$250,000	None	147	0	554	2	0	0	5.0	12.6	None	None
011000002	Clay County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Clay	11130102, 11130201, 11130206, 11130209	-	Blue-China, Farmers-Mud, Wichita, Wichita	Watershed Planning	985.0	Riverine	Clay	Montague, Clay, Wichita, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Henrietta, Petrolia, Bellevue, Byers, Dean, Windthorst, Scotland, Jolly	No	\$1,169,000	None	128	0	315	0	64	122	63.9	94,917.6	2021	2012
011000003	Foard County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Foard	11130105, 11130204, 11130207	-	Pease, North Wichita, Southern Beaver	Watershed Planning	703.1	Riverine and Playa	Foard	Foard, Cottle, Wilbarger, Hardeman, Knox, King, Baylor, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Crowell	No	\$749,000	None	23	3	14	0	4	5	35.8	58,148.1	1982	1982
011000004	Cottle County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Cottle	11130101, 11130103, 11130104, 11130105, 11130204	-	Groesbeck-Sandy, North Pease, Middle Pease, Pease, North Wichita	Watershed Planning	899.7	Riverine and Playa	Cottle	Foard, Cottle, Motley, Hardeman, King, Dickens, Childress, Hall, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Paducah	No	\$926,000	None	7	1	3	0	5	5	33.5	71,380.7	None	None
011000005	Motley County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Motley	11130103, 11130104, 11130204	-	North Pease, Middle Pease, North Wichita	Watershed Planning	988.0	Riverine and Playa	Motley	Cottle, Motley, Floyd, King, Dickens, Crosby, Hall, Briscoe, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Matador Water District, Greenbelt Municipal & Industrial Water Authority, Matador, Roaring Springs	No	\$974,000	None	114	3	156	0	6	6	22.5	80,008.1	1987	1987
011000006	Floyd County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Floyd	11130103, 11130104	-	North Pease, Middle Pease	Watershed Planning	583.9	Riverine and Playa	Floyd	Motley, Floyd, Hale, Dickens, Crosby, Briscoe, Swisher, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Lockney	No	\$1,115,000	None	35	3	22	0	10	37	76.6	26,594.5	2007	2007
011000007	Wilbarger County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Wilbarger	11130101, 11130102, 11130105, 11130206, 11130207	-	Groesbeck-Sandy, Blue-China, Pease, Wichita, Southern Beaver	Watershed Planning	975.5	Riverine	Wilbarger	Wichita, Foard, Wilbarger, Hardeman, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Electra, Vernon	No	\$983,000	None	132	29	583	2	39	45	87.6	101,721.1	2001	2001
011000008	Hardeman County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hardeman	11120105, 11130101, 11130105	-	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, Pease	Watershed Planning	695.6	Riverine and Playa	Hardeman	Foard, Cottle, Wilbarger, Hardeman, Childress, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Chillicothe, Quannah	No	\$678,000	None	43	3	157	0	6	6	54.3	59,006.8	1982	1982
011000009	Knox County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Knox	11130204, 11130205, 11130206	111302040206, 111302040301, 111302040302, 111302040303, 111302040304, 111302040305, 111302040306, 111302050204, 111302050205, 111302050206, 111302050207, 111302050208, 111302060103	North Wichita, South Wichita, Wichita	Watershed Planning	421.0	Riverine and Playa	Knox	Foard, Knox, King, Baylor, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Knox County WCID 1	No	\$873,000	None	7	0	3	0	0	0	5.2	42,191.0	None	None
011000010	King County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	King	11130204, 11130205	111302040102, 111302040103, 111302040104, 111302040108, 111302040204, 111302040205, 111302040206, 111302050102, 111302050103, 111302050104, 111302050105, 111302050106, 111302050107, 111302050201, 111302050202, 111302050203, 111302050204	North Wichita, South Wichita	Watershed Planning	575.6	Riverine and Playa	King	Foard, Cottle, Motley, Knox, King, Dickens, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Greenbelt Municipal & Industrial Water Authority	No	\$955,000	None	10	2	7	0	1	1	10.7	46,809.7	None	None
011000011	Dickens County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Dickens	11130104, 11130204, 11130205	111301040202, 111301040203, 111301040206, 111301040207, 111301040208, 111301040209, 111301040210, 111301040301, 111301040303, 111302040101, 111302040102, 111302050101, 111302050102, 111302050103, 111302050105	Middle Pease, North Wichita, South Wichita	Watershed Planning	330.9	Riverine and Playa	Dickens	Cottle, Motley, Floyd, King, Dickens, Crosby, Nortex Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Dickens County WCID 1	No	\$920,000	None	14	0	13	0	1	1	15.0	23,267.2	None	None
011000012	Baylor County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Baylor	11130204, 11130206, 11130207, 11130209	-	North Wichita, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	506.1	Riverine and Playa	Baylor	Wichita, Foard, Wilbarger, Knox, Baylor, Archer, Nortex Regional Planning Commission, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Seymour	No	\$912,000	None	64	6	21	0	0	0	3.9	45,083.9	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000013	Carson County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Carson	11090105, 11090106, 11120103, 11120201, 11120301	-	Lake Meredith, Middle Canadian-Spring, Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	925.2	Riverine and Playa	Carson	Carson, Potter, Roberts, Hutchinson, Moore, Donley, Armstrong, Randall, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, White Deer, Skellytown, Panhandle, Groom	No	\$826,000	None	87	43	270	4	10	12	35.6	43,317.9	1985	1985
011000014	Oldham County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Oldham	11080006, 11090101, 11090102, 11090105, 11120102	-	Upper Canadian-Ute Reservoir, Middle Canadian-Trujillo, Punta de Agua, Lake Meredith, Palo Duro	Watershed Planning	1502.8	Riverine and Playa	Oldham	Potter, Oldham, Moore, Hartley, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Adrian, Vega	No	\$1,447,000	None	25	0	57	1	30	30	9.4	95,133.6	None	1975
011000015	Hemphill County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hemphill	11090106, 11090201, 11100203, 11120302, 11130301	-	Middle Canadian-Spring, Lower Canadian-Deer, Lower Wolf, Middle North Fork Red, Washita Headwaters	Watershed Planning	914.0	Riverine and Playa	Hemphill	Hemphill, Roberts, Wheeler, Gray, Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Canadian	No	\$887,000	None	101	0	100	0	6	6	29.6	77,405.3	1988	1988
011000016	Roberts County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Roberts	11090106, 11120302, 11130301	-	Middle Canadian-Spring, Middle North Fork Red, Washita Headwaters	Watershed Planning	925.4	Riverine and Playa	Roberts	Carson, Hemphill, Roberts, Hutchinson, Wheeler, Gray, Lipscomb, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Roberts County FWSD 1, Miami	No	\$870,000	None	90	1	60	2	5	5	20.6	91,030.6	None	None
011000017	Hutchinson County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hutchinson	11090105, 11090106, 11100104, 11100202	-	Lake Meredith, Middle Canadian-Spring, Palo Duro, Palo Duro	Watershed Planning	896.9	Riverine and Playa	Hutchinson	Carson, Roberts, Hutchinson, Moore, Sherman, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Borger, Fritch, Sanford, Stinnett	No	\$895,000	None	428	0	925	2	10	10	29.9	70,012.0	None	1978
011000018	Moore County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Moore	11090105, 11100104	-	Lake Meredith, Palo Duro	Watershed Planning	911.5	Riverine and Playa	Moore	Carson, Potter, Oldham, Hutchinson, Moore, Hartley, Sherman, Dallam, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Dumas, Sunray, Fritch	No	\$835,000	None	75	27	326	4	10	13	28.7	38,661.2	1986	1986
011000019	Hartley County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hartley	11090101, 11090102, 11090103, 11090104, 11090105, 11100103, 11100104	-	Middle Canadian-Trujillo, Punta de Agua, Rita Blanca, Carrizo, Lake Meredith, Coldwater, Palo Duro	Watershed Planning	1466.1	Riverine and Playa	Hartley	Oldham, Moore, Hartley, Sherman, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Channing, Dalhart	No	\$1,361,000	None	111	65	281	5	61	63	83.2	91,162.9	1991	1991
011000020	Childress County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Childress	11120105, 11130101, 11130103, 11130105	-	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, North Pease, North Pease	Watershed Planning	713.1	Riverine and Playa	Childress	Cottle, Hardeman, Childress, Hall, Collingsworth, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Childress	No	\$711,000	None	47	17	59	1	8	8	52.3	65,435.9	1987	1987
011000021	Hall County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hall	11120103, 11120105, 11130103	-	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, North Pease	Watershed Planning	903.4	Riverine and Playa	Hall	Cottle, Motley, Childress, Hall, Briscoe, Collingsworth, Donley, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview, Memphis, Estelline, Turkey	No	\$892,000	None	66	11	63	5	22	22	73.8	90,608.2	1985	1985
011000022	Briscoe County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Briscoe	11120103, 11120104, 11120105, 11130103	-	Upper Prairie Dog Town Fork Red, Tule, Lower Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red	Watershed Planning	901.4	Riverine and Playa	Briscoe	Motley, Floyd, Hall, Briscoe, Swisher, Donley, Armstrong, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Mackenzie Municipal Water Authority, Greenbelt Municipal & Industrial Water Authority, Quitaque, Silverton	No	\$902,000	None	36	0	23	0	2	2	45.1	64,354.2	None	1976
011000023	Swisher County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Swisher	11120103, 11120104, 11130103	-	Upper Prairie Dog Town Fork Red, Tule, North Pease	Watershed Planning	827.5	Riverine and Playa	Swisher	Floyd, Hale, Briscoe, Swisher, Castro, Armstrong, Randall, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Mackenzie Municipal Water Authority, Tulia, Kress, Happy	No	\$929,000	None	57	21	54	0	11	15	203.7	40,120.9	1987	1987
011000024	Castro County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Castro	11120101, 11120104, 111201010406, 111201010407, 111201010505, 111201040101, 111201040102, 111201040103, 111201040104, 111201040105, 111201040201, 111201040202, 111201040203, 111201040204, 111201040301, 111201040302, 111201040303, 111201040304, 111201040401, 111201040402	-	Tierra Blanca, Tule	Watershed Planning	447.3	Riverine and Playa	Castro	Swisher, Castro, Parmer, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Brazos River Authority, Nazareth	No	\$873,000	None	44	3	29	0	8	53	74.3	19,990.0	None	1977
011000025	Parmer County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Parmer	11120101, 11120104, 111201010201, 111201010204, 111201010307, 111201010401, 111201010402, 111201010403, 111201010404, 111201010405, 111201010406, 111201010407, 111201010504, 111201010505, 111201040102	-	Tierra Blanca, Tule	Watershed Planning	331.4	Riverine and Playa	Parmer	Castro, Parmer, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Brazos River Authority, Friona	No	\$789,000	None	86	51	178	0	5	11	65.7	13,564.5	1985	1985

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000026	Collingsworth County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Collingsworth	11120105, 11120202, 11120304, 11130101	-	Lower Prairie Dog Town Fork Red, Lower Salt Fork Red, Elm Fork Red, Elm Fork Red	Watershed Planning	919.2	Riverine	Collingsworth	Childress, Hall, Collingsworth, Donley, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Dodson, Wellington	No	\$909,000	None	105	15	136	5	5	5	65.5	75,245.9	1989	1989
011000027	Donley County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Donley	11120103, 11120105, 11120201, 11120202, 11120301, 11120304	-	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, Upper Salt Fork Red, Lower Salt Fork Red, Upper North Fork Red, Elm Fork Red	Watershed Planning	933.0	Riverine and Playa	Donley	Carson, Hall, Briscoe, Collingsworth, Donley, Armstrong, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Hedley, Clarendon, Howardwick	No	\$957,000	None	219	18	629	2	9	9	46.1	76,552.2	1986	1986
011000028	Armstrong County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Armstrong	11120103, 11120201, 11120301	-	Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	912.0	Riverine and Playa	Armstrong	Carson, Potter, Briscoe, Swisher, Donley, Armstrong, Randall, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Claude	No	\$863,000	None	24	0	13	0	14	27	25.4	56,990.5	None	1976
011000029	Deaf Smith County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Deaf Smith	11090101, 11120101, 11120102, 11120104	-	Middle Canadian-Trujillo, Tierra Blanca, Palo Duro, Palo Duro	Watershed Planning	1497.9	Riverine and Playa	Deaf Smith	Potter, Oldham, Castro, Parmer, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Deaf Smith County FWSD 1, Hereford	No	\$1,283,000	None	120	45	388	0	18	25	76.4	54,135.3	1988	1988
011000030	Wheeler County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Wheeler	11120202, 11120301, 11120302, 11120304, 11130301	-	Lower Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters	Watershed Planning	916.0	Riverine and Playa	Wheeler	Hemphill, Roberts, Collingsworth, Donley, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Mobeetie, Shamrock, Wheeler	No	\$892,000	None	191	71	338	4	4	4	65.1	70,022.0	2007	2007
011000031	Sherman County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Sherman	11100101, 11100103, 11100104	-	Upper Beaver, Coldwater, Palo Duro	Watershed Planning	926.1	Riverine and Playa	Sherman	Hutchinson, Moore, Hartley, Sherman, Dallam, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Stratford, Texhoma	No	\$838,000	None	21	0	32	3	9	10	56.7	44,312.8	None	None
011000032	Dallam County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Dallam	11090102, 11090103, 11090104, 11100101, 11100103, 11100104	-	Punta de Agua, Rita Blanca, Carrizo, Upper Beaver, Coldwater, Palo Duro	Watershed Planning	1510.5	Riverine and Playa	Dallam	Moore, Hartley, Sherman, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart, Texline	No	\$1,297,000	None	890	656	1,951	2	22	22	177.9	91,033.8	1991	1991
011000033	Lipscomb County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Lipscomb	11090106, 11090201, 11100201, 11100202, 11100203	-	Middle Canadian-Spring, Lower Canadian-Deer, Lower Beaver, Upper Wolf, Lower Wolf	Watershed Planning	936.3	Riverine and Playa	Lipscomb	Hemphill, Roberts, Lipscomb, Ochilree, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett, Darrouzett, Higgins, Booker	No	\$924,000	None	100	9	80	0	6	6	20.3	66,275.2	1990	1990
011000034	Ochilree County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Ochilree	11090106, 11100102, 11100104, 11100201, 11100202	-	Middle Canadian-Spring, Middle Beaver, Palo Duro, Lower Beaver, Upper Wolf	Watershed Planning	922.5	Riverine and Playa	Ochilree	Roberts, Hutchinson, Lipscomb, Ochilree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Booker, Perryton	No	\$859,000	None	369	161	658	1	1	1	30.9	48,149.9	1990	1990
011000035	Hansford County FIS	Perform flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hansford	11090106, 11100103, 11100104, 11100202	-	Middle Canadian-Spring, Coldwater, Palo Duro, Palo Duro	Watershed Planning	923.9	Riverine and Playa	Hansford	Roberts, Hutchinson, Moore, Sherman, Ochilree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Spearman, Gruver	No	\$841,000	None	38	5	44	9	19	19	16.0	44,978.1	1987	1987
011000036	Cooke County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Cooke	111302010508, 111302010701, 111302010702, 111302010703, 111302010704, 111302010705, 111302010707, 111302010708	-	Farmers-Mud	Watershed Planning	177.1	Riverine	Cooke	Cooke, Montague, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Greater Texoma Utility Authority, Gainesville, Lindsay	No	\$917,000	None	54	25	81	0	13	40	8.4	20,721.5	2021	2008
011000037	Montague County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Montague	11130201, 11130209, 12030103	-	Farmers-Mud, Little Wichita, Elm Fork Trinity	Watershed Planning	529.4	Riverine	Montague	Cooke, Montague, Clay, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Clear Creek Watershed Authority, Farmers Creek Watershed Authority, Bowie Water Supply District, St. Jo, Bowie, Nocona	No	\$981,000	None	255	150	394	0	53	136	36.6	49,721.0	2021	2011
011000038	Wichita County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Wichita	11130102, 11130206, 11130207, 11130209	-	Blue-China, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	617.3	Riverine and Playa	Wichita	Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Archer County MUD 1, Wichita County Water Improvement District 2, Burkburnett, Electra, Pleasant Valley, Iowa Park, Wichita Falls, Cashion Community, Lakeside City	No	\$643,000	None	3,986	2,926	15,949	72	170	267	193.1	49,700.4	1989	2010
011000039	Hale County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Hale	11120104, 11130103	111201040602, 111301030202	Tule, North Pease	Watershed Planning	7.0	Riverine and Playa	Hale	Floyd, Hale, Swisher, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority	No	\$1,076,000	None	0	0	0	0	0	0	2.5	228.9	2009	2011
011000040	Potter County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Potter	11090105, 11120102, 11120103, 11120301	-	Lake Meredith, Palo Duro, Upper Prairie Dog Town Fork Red, Upper Prairie Dog Town Fork Red	Watershed Planning	922.8	Riverine and Playa	Potter	Carson, Potter, Oldham, Moore, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Llano Estacado Water District, Potter County FWSD 1, Amarillo, Bishop Hills	No	\$929,000	None	1,083	812	8,889	13	14	14	79.0	53,184.3	2006	2010
011000041	Randall County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Randall	11090105, 11120101, 11120102, 11120103, 11120104, 11120301	-	Lake Meredith, Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red, Tule, Upper North Fork Red	Watershed Planning	922.3	Riverine and Playa	Randall	Carson, Potter, Oldham, Swisher, Castro, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Llano Estacado Water District, Randall County MUD 1, Amarillo, Happy, Palisades, Timbercreek Canyon, Canyon, Lake Tanglewood	No	\$872,000	None	1,781	1,476	6,820	21	20	20	152.7	32,847.9	2006	2010
011000042	Gray County FIS	Update flood insurance study for the county and develop regulatory mapping	01000001, 01000002	Gray	11090106, 11120201, 11120301, 11120302, 11120304, 11130301	-	Middle Canadian-Spring, Upper Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters	Watershed Planning	930.6	Riverine and Playa	Gray	Carson, Hemphill, Roberts, Collingsworth, Donley, Armstrong, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Wheeler County Water Supply District, Gray County MUD 1, Greenbelt Municipal & Industrial Water Authority, Pampa, Lefors, McLean	No	\$908,000	None	295	161	1,429	2	14	14	49.4	63,862.6	2009	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
01100043	Cooke County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Cooke	11130201	111302010508, 111302010701, 111302010702, 111302010703, 111302010704, 111302010705, 111302010707, 111302010708	Farmers-Mud	Watershed Planning	177.1	Riverine	Cooke	Cooke, Montague, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Greater Texoma Utility Authority, Gainesville, Lindsay	No	\$500,000	None	54	25	81	0	13	40	8.4	20,721.5	2021	2008
01100044	Montague County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Montague	11130201, 11130209, 12030103	-	Farmers-Mud, Little Wichita, Elm Fork Trinity	Watershed Planning	529.4	Riverine	Montague	Cooke, Montague, Clay, Nortex Regional Planning Commission, Texoma Council of Governments, Red River Authority of Texas, Clear Creek Watershed Authority, Farmers Creek Watershed Authority, Bowie Water Supply District, St. Jo, Bowie, Nocona	No	\$500,000	None	255	150	394	0	53	136	36.6	49,721.0	2021	2011
01100045	Floyd County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Floyd	11130103, 11130104	-	North Pease, Middle Pease	Watershed Planning	583.9	Riverine and Playa	Floyd	Motley, Floyd, Hale, Dickens, Crosby, Briscoe, Swisher, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Lockney	No	\$500,000	None	35	3	22	0	10	37	76.6	26,594.5	None	None
01100046	Wilbarger County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Wilbarger	11130101, 11130102, 11130105, 11130206, 11130207	-	Groesbeck-Sandy, Blue-China, Pease, Wichita, Southern Beaver	Watershed Planning	975.5	Riverine	Wilbarger	Wichita, Foard, Wilbarger, Hardeman, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Electra, Vernon	No	\$500,000	None	132	29	583	2	39	45	87.6	101,721.1	None	None
01100047	Dickens County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Dickens	11130104, 11130204, 11130205	111301040202, 111301040203, 111301040206, 111301040207, 111301040208, 111301040209, 111301040210, 111301040301, 111301040303, 111302040101, 111302040102, 111302050101, 111302050102, 111302050103, 111302050105	Middle Pease, North Wichita, South Wichita	Watershed Planning	330.9	Riverine and Playa	Dickens	Cottle, Motley, Floyd, King, Dickens, Crosby, Nortex Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Dickens County WCID 1	No	\$500,000	None	14	0	13	0	1	1	15.0	23,267.2	None	None
01100048	Archer County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; survey responses report issues with rivers, creeks, tributaries, and functioning floodplains	01000001, 01000002, 01000005, 01000006	Archer	11130206, 11130209	-	Wichita, Little Wichita	Watershed Planning	787.8	Riverine and Playa	Archer	Young, Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Brazos River Authority, Archer County MUD 1, Wichita County Water Improvement District 2, Windthorst, Megargel, Scotland, Archer City, Holliday, Lakeside City	No	\$500,000	None	188	68	262	0	76	153	36.6	77,039.8	2018	2021
01100049	Carson County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11090105, 11090106, 11120103, 11120201, 11120301	-	Lake Meredith, Middle Canadian-Spring, Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	925.2	Riverine and Playa	Carson	Carson, Potter, Roberts, Hutchinson, Moore, Donley, Armstrong, Randall, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, White Deer, Skellytown, Panhandle, Groom	No	\$500,000	None	87	43	270	4	10	12	35.6	43,317.9	None	None
01100050	Potter County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Potter	11090105, 11120102, 11120103, 11120301	-	Lake Meredith, Palo Duro, Upper Prairie Dog Town Fork Red, Upper Prairie Dog Town Fork Red	Watershed Planning	922.8	Riverine and Playa	Potter	Carson, Potter, Oldham, Moore, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Llano Estacado Water District, Potter County FWSD 1, Amarillo, Bishop Hills	No	\$500,000	None	1,083	812	8,889	13	14	14	79.0	53,184.3	2006	2010
01100051	Roberts County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Roberts	11090106, 11120302, 11130301	-	Middle Canadian-Spring, Middle North Fork Red, Washita Headwaters	Watershed Planning	925.4	Riverine and Playa	Roberts	Carson, Hemphill, Roberts, Hutchinson, Wheeler, Gray, Lipscomb, Ochilree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Roberts County FWSD 1, Miami	No	\$500,000	None	90	1	60	2	5	5	20.6	91,030.6	None	None
01100052	Hutchinson County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hutchinson	11090105, 11090106, 11100104, 11100202	-	Lake Meredith, Middle Canadian-Spring, Palo Duro, Palo Duro	Watershed Planning	896.9	Riverine and Playa	Hutchinson	Carson, Roberts, Hutchinson, Moore, Sherman, Ochilree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Borger, Fritch, Sanford, Stinnett	No	\$500,000	None	428	0	925	2	10	10	29.9	70,012.0	None	None
01100053	Hartley County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hartley	11090101, 11090102, 11090103, 11090104, 11090105, 11100103, 11100104	-	Middle Canadian-Trujillo, Punta de Agua, Rita Blanca, Carrizo, Lake Meredith, Coldwater, Palo Duro	Watershed Planning	1466.1	Riverine and Playa	Hartley	Oldham, Moore, Hartley, Sherman, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Channing, Dalhart	No	\$500,000	None	111	65	281	5	61	63	83.2	91,162.9	None	None
01100054	Childress County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Childress	11120105, 11130101, 11130103, 11130105	-	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, North Pease, North Pease	Watershed Planning	713.1	Riverine and Playa	Childress	Cottle, Hardeman, Childress, Hall, Collingsworth, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Childress	No	\$500,000	None	47	17	59	1	8	8	52.3	65,435.9	None	None
01100055	Hall County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hall	11120103, 11120105, 11130103	-	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, North Pease	Watershed Planning	903.4	Riverine and Playa	Hall	Cottle, Motley, Childress, Hall, Briscoe, Collingsworth, Donley, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview, Memphis, Estelline, Turkey	No	\$500,000	None	66	11	63	5	22	22	73.8	90,608.2	None	None
01100056	Swisher County Drainage Master Plan	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.	01000001, 01000002, 01000005, 01000006	Swisher	11120103, 11120104, 11130103	-	Upper Prairie Dog Town Fork Red, Tule, North Pease	Watershed Planning	827.5	Riverine and Playa	Swisher	Floyd, Hale, Briscoe, Swisher, Castro, Armstrong, Randall, Panhandle Regional Planning Commission, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Mackenzie Municipal Water Authority, Tulia, Kress, Happy	No	\$500,000	None	57	21	54	0	11	15	203.7	40,120.9	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
01100057	Randall County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Randall	11090105, 11120101, 11120102, 11120103, 11120104, 11120301	-	Lake Meredith, Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red, Tule, Upper North Fork Red	Watershed Planning	922.3	Riverine and Playa	Randall	Carson, Potter, Oldham, Swisher, Castro, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Llano Estacado Water District, Randall County MUD 1, Amarillo, Happy, Palisades, Timbercreek Canyon, Canyon, Lake Tanglewood	No	\$500,000	None	1,781	1,476	6,820	21	20	20	152.7	32,847.9	2006	2010
01100058	Wheeler County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Wheeler	11120202, 11120301, 11120302, 11120304, 11130301	-	Lower Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters	Watershed Planning	916.0	Riverine and Playa	Wheeler	Hemphill, Roberts, Collingsworth, Donley, Wheeler, Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Mobeetie, Shamrock, Wheeler	No	\$500,000	None	191	71	338	4	4	4	65.1	70,022.0	None	None
01100059	Dallam County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Dallam	11090102, 11090103, 11090104, 11100101, 11100103, 11100104	-	Punta de Agua, Rita Blanca, Carrizo, Upper Beaver, Coldwater, Palo Duro	Watershed Planning	1510.5	Riverine and Playa	Dallam	Moore, Hartley, Sherman, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart, Texline	No	\$500,000	None	890	656	1,951	2	22	22	177.9	91,033.8	None	None
01100060	Lipscomb County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Lipscomb	11090106, 11090201, 11100201, 11100202, 11100203	-	Middle Canadian-Spring, Lower Canadian-Deer, Lower Beaver, Upper Wolf, Lower Wolf	Watershed Planning	936.3	Riverine and Playa	Lipscomb	Hemphill, Roberts, Lipscomb, Ochiltree, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett, Darrouzett, Higgins, Booker	No	\$500,000	None	100	9	80	0	6	6	20.3	66,275.2	None	None
01100061	Ochiltree County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Ochiltree	11090106, 11100102, 11100104, 11100201, 11100202	-	Middle Canadian-Spring, Middle Beaver, Palo Duro, Lower Beaver, Upper Wolf	Watershed Planning	922.5	Riverine and Playa	Ochiltree	Roberts, Hutchinson, Lipscomb, Ochiltree, Hansford, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Booker, Perryton	No	\$500,000	None	369	161	658	1	1	1	30.9	48,149.9	None	None
01100062	Quitaque City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Briscoe	11130103	111301030209, 111301030304	North Pease	Watershed Planning	0.7	Riverine and Playa	Quitaque	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Quitaque	No	\$250,000	None	2	0	1	0	0	0	0.1	0.3	None	None
01100063	Jolly City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Clay	11130209	111302090503, 111302090504, 111302090505	Little Wichita	Watershed Planning	1.4	Riverine	Jolly	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Dean, Jolly	No	\$250,000	None	3	0	12	0	2	3	0.5	10.2	None	None
01100064	Clarendon City Drainage Master Plan	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.	01000001, 01000002, 01000005, 01000006	Donley	11120201	111202010203, 111202010204	Upper Salt Fork Red	Watershed Planning	3.0	Riverine and Playa	Clarendon	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Clarendon	No	\$250,000	None	128	7	436	2	3	3	8.8	7.5	None	None
01100065	Lake Tanglewood City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis	01000001, 01000002, 01000005, 01000006	Randall	11120103	111201030103	Upper Prairie Dog Town Fork Red	Watershed Planning	1.8	Riverine and Playa	Randall, Lake Tanglewood	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Lake Tanglewood	No	\$250,000	None	121	101	297	19	0	0	0.5	7.4	2006	2010
01100066	Palisades City Drainage Master Plan	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	01000001, 01000002, 01000005, 01000006	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Watershed Planning	0.5	Riverine and Playa	Randall, Palisades	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon	No	\$250,000	None	45	31	73	1	1	1	1.5	0.5	2006	2010
01100067	Lakeview City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Hall	11120105	111201050206	Lower Prairie Dog Town Fork Red	Watershed Planning	0.2	Riverine	Lakeview	Hall, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview	No	\$250,000	None	10	3	7	0	0	0	0.8	2.5	None	None
01100068	Windthorst City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Clay, Archer	11130209	111302090301, 111302090302	Little Wichita	Watershed Planning	2.3	Riverine	Windthorst	Clay, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Windthorst	No	\$250,000	None	0	0	0	0	0	0	0.0	0.6	2018	2021
01100069	Petrolia City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Clay	11130206, 11130209	111302060502, 111302060503, 111302090508	Wichita, Little Wichita	Watershed Planning	0.8	Riverine	Petrolia	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Petrolia	No	\$250,000	None	0	0	0	0	0	0	0.0	0.2	None	None
01100070	Cashion City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita	11130102, 11130206	111301020304, 111302060501	Blue-China, Wichita	Watershed Planning	1.8	Riverine	Cashion Community	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Burkburnett, Cashion Community	No	\$250,000	None	0	0	0	0	0	0	0.2	5.8	1989	2010
01100071	Canadian City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Hemphill	11090106	110901060801	Middle Canadian-Spring	Watershed Planning	1.4	Riverine	Canadian	Hemphill, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian	No	\$250,000	None	10	0	12	0	0	0	0.3	1.1	None	None
01100072	Pampa City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Gray	11090106, 11120301	110901060601, 110901060602, 111203010303	Middle Canadian-Spring, Upper North Fork Red	Watershed Planning	8.9	Riverine and Playa	Pampa	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Gray County MUD 1, Pampa	No	\$250,000	None	148	118	1,214	0	1	1	6.0	12.0	2009	2010
01100073	Pleasant Valley City Drainage Master Plan	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	01000001, 01000002, 01000005, 01000006	Wichita	11130206	111302060406, 111302060407	Wichita	Watershed Planning	2.6	Riverine	Pleasant Valley	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Pleasant Valley, Wichita Falls	No	\$250,000	None	93	75	248	0	1	3	0.8	13.7	1989	2010
01100074	Tulia City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Swisher	11120104	111201040204, 111201040205, 111201040206, 111201040304	Tule	Watershed Planning	3.6	Riverine and Playa	Tulia	Swisher, Panhandle Regional Planning Commission, Red River Authority of Texas, Tulia	No	\$250,000	None	5	0	0	0	0	0	4.6	10.7	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000075	Shamrock City Drainage Master Plan	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.	01000001, 01000002, 01000005, 01000006	Wheeler	11120302, 11120304	111203020104, 111203040105	Middle North Fork Red, Elm Fork Red	Watershed Planning	1.9	Riverine	Shamrock	Wheeler, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Shamrock	No	\$250,000	None	0	0	0	0	0	0	0.7	0.1	None	None
011000076	Holliday City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis	01000001, 01000002, 01000005, 01000006	Archer	11130206	111302060302, 111302060303, 111302060405	Wichita	Watershed Planning	2.5	Riverine	Holliday	Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Holliday	No	\$250,000	None	4	2	4	0	0	0	0.9	5.2	2018	2021
011000077	Silverton City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses reporting issues with many natural features	01000001, 01000002, 01000005, 01000006	Briscoe	11130103	111301030101	North Pease	Watershed Planning	1.0	Playa	Silverton	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Silverton	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000078	Hereford City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Deaf Smith	11120101	111201010505, 111201010507	Tierra Blanca	Watershed Planning	5.7	Riverine and Playa	Hereford	Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Hereford	No	\$250,000	None	19	11	83	0	1	1	2.2	6.6	None	None
011000079	Scotland City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Clay, Archer	11130209	111302090207, 111302090208, 111302090301, 111302090302, 111302090304	Little Wichita	Watershed Planning	10.0	Riverine	Scotland	Clay, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Scotland	No	\$250,000	None	0	0	0	0	1	1	0.5	27.3	2018	2021
011000080	Lefors City Drainage Master Plan	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	01000001, 01000002, 01000005, 01000006	Gray	11120301	111203010305	Upper North Fork Red	Watershed Planning	0.3	Riverine	Lefors	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Lefors	No	\$250,000	None	18	13	28	0	0	0	0.7	0.8	2009	2010
011000081	Burkburnett City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita	11130102	111301020302, 111301020304, 111301020305	Blue-China	Watershed Planning	11.1	Riverine	Burkburnett	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Burkburnett	No	\$250,000	None	47	37	105	0	7	9	6.9	183.8	1989	2010
011000082	Amarillo City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Update existing drainage mater plan.	01000001, 01000002, 01000005, 01000006	Potter, Randall	11090105, 11120103, 11120301	110901050308, 110901050309, 110901050402, 111201030101, 111201030102, 111201030106, 111201030107, 111203010101, 111203010102	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Watershed Planning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$1,000,000	None	1,703	1,382	12,344	7	6	6	102.9	212.8	2006	2010
011000083	Nocona City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Montague	11130201	111302010209, 111302010502	Farmers-Mud	Watershed Planning	2.7	Riverine	Nocona	Montague, Nortex Regional Planning Commission, Red River Authority of Texas, Nocona	No	\$250,000	None	3	1	26	0	0	0	0.0	0.8	2021	2011
011000084	Vega City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses	01000001, 01000002, 01000005, 01000006	Oldham	11090105, 11120102	110901050101, 111201020205, 111201020206	Lake Meredith, Palo Duro	Watershed Planning	1.1	Riverine	Vega	Oldham, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Vega	No	\$250,000	None	0	0	0	0	0	0	0.1	0.3	None	None
011000085	Seymour City Drainage Master Plan	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.	01000001, 01000002, 01000005, 01000006	Baylor	11130206	111302060104, 111302060106	Wichita	Watershed Planning	0.1	None	Seymour	Baylor, Nortex Regional Planning Commission, Red River Authority of Texas, Seymour	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000086	Darrouzett City Drainage Master Plan	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	01000001, 01000002, 01000005, 01000006	Lipscomb	11100201	111002010306	Lower Beaver	Watershed Planning	0.4	Riverine	Darrouzett	Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Darrouzett	No	\$250,000	None	2	0	1	0	0	0	0.1	5.9	None	None
011000087	Spearman City Drainage Master Plan	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	01000001, 01000002, 01000005, 01000006	Hansford	11100104	111001040311, 111001040312	Palo Duro	Watershed Planning	1.8	Riverine and Playa	Spearman	Hansford, Panhandle Regional Planning Commission, Palo Duro River Authority, Spearman	No	\$250,000	None	1	0	2	0	0	0	0.5	1.0	None	None
011000088	Vernon City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Wilbarger	11130105	111301050204, 111301050206	Pease	Watershed Planning	8.1	Riverine	Vernon	Wilbarger, Nortex Regional Planning Commission, Red River Authority of Texas, Vernon	No	\$250,000	None	61	24	540	1	0	0	12.7	5.3	None	None
011000089	Iowa Park City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on survey responses and the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita	11130206	111302060404, 111302060406	Wichita	Watershed Planning	4.5	Riverine	Iowa Park	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Iowa Park	No	\$250,000	None	121	106	181	0	2	2	5.2	41.7	1989	2010
011000090	Childress City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Childress	11120105, 11130101, 11130103	111201050302, 111201050308, 111201050501, 111301010101, 111301030504	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, North Pease	Watershed Planning	7.7	Riverine	Childress	Childress, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Childress	No	\$250,000	None	8	4	18	1	0	0	2.3	2.2	None	None
011000091	Perryton City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and survey responses	01000001, 01000002, 01000005, 01000006	Ochiltree	11100201	111002010201, 111002010301, 111002010302	Lower Beaver	Watershed Planning	4.4	Riverine and Playa	Perryton	Ochiltree, Panhandle Regional Planning Commission, Perryton	No	\$250,000	None	304	145	558	0	0	0	6.6	18.1	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
01100092	Megargel City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Archer	11130209	111302090105	Little Wichita	Watershed Planning	0.4	None	Megargel	Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Megargel	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	2018	2021
01100093	Groom City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11120201, 11120301	111202010104, 111203010201	Upper Salt Fork Red, Upper North Fork Red	Watershed Planning	0.7	Riverine and Playa	Groom	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Groom	No	\$250,000	None	19	13	26	1	0	0	0.6	2.1	None	None
01100094	White Deer City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11120301	111203010301	Upper North Fork Red	Watershed Planning	1.7	Riverine and Playa	White Deer	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, White Deer	No	\$250,000	None	0	0	0	0	0	0	0.0	3.1	None	None
01100095	Timbercreek Canyon City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Watershed Planning	1.4	Riverine and Playa	Randall, Timbercreek Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon	No	\$250,000	None	19	16	36	1	0	0	0.7	0.2	2006	2010
01100096	Electra City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita	11130102, 11130206, 11130207	111301020203, 111302060403, 111302070402	Blue-China, Wichita, Southern Beaver	Watershed Planning	2.9	Riverine	Electra	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Electra	No	\$250,000	None	7	2	17	0	0	0	1.7	13.4	1989	2010
01100097	Lakeside City City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs and the needs analysis	01000001, 01000002, 01000005, 01000006	Wichita, Archer	11130206	111302060303	Wichita	Watershed Planning	0.6	Riverine and Playa	Lakeside City	Wichita, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Lakeside City	No	\$250,000	None	22	19	39	0	0	0	0.0	3.1	2018	2021
01100098	Wichita Falls City Drainage Master Plan	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.	01000001, 01000002, 01000005, 01000006	Wichita	11130206, 11130209	111302060303, 111302060304, 111302060406, 111302060407, 111302060501, 111302090502, 111302090503	Wichita, Little Wichita	Watershed Planning	71.6	Riverine and Playa	Wichita Falls	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Pleasant Valley, Wichita Falls	No	\$1,000,000	None	3,091	2,262	14,057	51	46	53	121.4	43.7	1989	2010
01100099	Dalhart City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on the needs analysis	01000001, 01000002, 01000005, 01000006	Hartley, Dallam	11090103	110901030405, 110901030406, 110901030408	Rita Blanca	Watershed Planning	4.7	Riverine and Playa	Dalhart	Hartley, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart	No	\$250,000	None	887	698	2,054	0	1	1	21.0	4.0	None	None
011000100	Skellytown City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11090106	110901060302, 110901060307	Middle Canadian-Spring	Watershed Planning	0.5	None	Skellytown	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Skellytown	No	\$250,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000101	Panhandle City Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Carson	11120301	111203010105, 111203010107	Upper North Fork Red	Watershed Planning	2.2	Riverine and Playa	Panhandle	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Panhandle	No	\$250,000	None	14	2	55	3	0	0	0.8	0.2	None	None
011000102	City of Clarendon GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Donley	11120201	111202010203, 111202010204	Upper Salt Fork Red	Other	3.0	Riverine and Playa	Clarendon	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Clarendon	No	\$50,000	None	128	7	436	2	3	3	8.8	7.5	None	None
011000103	City of Palisades GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Other	0.5	Riverine and Playa	Randall, Palisades	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon	No	\$50,000	None	45	31	73	1	1	1	1.5	0.5	2006	2010
011000104	City of Shamrock GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Wheeler	11120302, 11120304	111203020104, 111203040105	Middle North Fork Red, Elm Fork Red	Other	1.9	Riverine	Shamrock	Wheeler, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Shamrock	No	\$50,000	None	0	0	0	0	0	0	0.7	0.1	None	None
011000105	City of Silvertown GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Briscoe	11130103	111301030101	North Pease	Other	1.0	Playa	Silvertown	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Silvertown	No	\$50,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000106	City of Lefors GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Gray	11120301	111203010305	Upper North Fork Red	Other	0.3	Riverine	Lefors	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, Lefors	No	\$50,000	None	18	13	28	0	0	0	0.7	0.8	2009	2010
011000107	City of Fritch GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Hutchinson, Moore	11090105, 11090106	110901050707, 110901050708, 110901060105	Lake Meredith, Middle Canadian-Spring	Other	1.6	Riverine and Playa	Fritch	Hutchinson, Moore, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Fritch	No	\$50,000	None	76	0	117	0	0	0	3.6	5.9	None	None
011000108	City of Seymour GIS Development	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.	01000001, 01000002	Baylor	11130206	111302060104, 111302060106	Wichita	Other	0.1	None	Seymour	Baylor, Nortex Regional Planning Commission, Red River Authority of Texas, Seymour	No	\$50,000	None	0	0	0	0	0	0	0.0	0.0	None	None
011000109	City of Spearman GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Hansford	11100104	111001040311, 111001040312	Palo Duro	Other	1.8	Riverine and Playa	Spearman	Hansford, Panhandle Regional Planning Commission, Palo Duro River Authority, Spearman	No	\$50,000	None	1	0	2	0	0	0	0.5	1.0	None	None
011000110	City of Perryton GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Ochiltree	11100201	111002010201, 111002010301, 111002010302	Lower Beaver	Other	4.4	Riverine and Playa	Perryton	Ochiltree, Panhandle Regional Planning Commission, Perryton	No	\$50,000	None	304	145	558	0	0	0	6.6	18.1	None	None
011000111	City of Dalhart GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Hartley, Dallam	11090103	110901030405, 110901030406, 110901030408	Rita Blanca	Other	4.7	Riverine and Playa	Dalhart	Hartley, Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart	No	\$50,000	None	887	698	2,054	0	1	1	21.0	4.0	None	None
011000112	City of Panhandle GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Carson	11120301	111203010105, 111203010107	Upper North Fork Red	Other	2.2	Riverine and Playa	Panhandle	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Panhandle	No	\$50,000	None	14	2	55	3	0	0	0.8	0.2	None	None
011000113	Potter County GIS Development	Develop GIS inventory and condition assessment for flood infrastructure; selected based on survey response	01000001, 01000002	Potter	11090105, 11120102, 11120103, 11120301	-	Lake Meredith, Palo Duro, Upper Prairie Dog Town Fork Red, Upper Prairie Dog Town Fork Red	Other	922.8	Riverine and Playa	Potter	Carson, Potter, Oldham, Moore, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Llano Estacado Water District, Potter County FWSD 1, Amarillo, Bishop Hills	No	\$50,000	None	1,083	812	8,889	13	14	14	79.0	53,184.3	2006	2010
011000114	Region-Wide Dam Safety	Coordinate region-wide investigation into current dam safety status; selected based on stakeholder feedback	01000007, 01000008	-	-	-	-	Other	34626.1	Riverine and Playa	Panhandle Regional Planning Commission	-	No	\$1,718,000	None	11,544	6,885	41,795	160	791	1,250	2,299.4	2,425,093.5	None	None

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000115	Farmers Creek Watershed Authority Dam Evaluation	Investigate survey responses of deficient or non-functioning flood protection dams	01000007, 01000008	Montague	11130201	111302010209, 111302010502, 111302010504, 111302010505, 111302010506, 111302010507, 111302010508, 111302010701	Farmers-Mud	Other	121.0	Riverine	Farmers Creek Watershed Authority	Montague, Nortex Regional Planning Commission, Red River Authority of Texas, Clear Creek Watershed Authority, Farmers Creek Watershed Authority	No	\$517,000	None	197	128	303	0	14	34	8.4	9,501.7	2021	2011
011000116	East Amarillo Creek Project Planning - St. Francis Ave. Tributary Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000117	East Amarillo Creek Project Planning - Echo Street Tributary Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000118	Comanche Drainage Channel (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Comanche Drainage Channel. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030106	Upper Prairie Dog Town Fork Red	Project Planning	10.8	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	14	8	35	0	0	0	4.2	223.9	2006	2010
011000119	Culverts: Various Locations (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to culverts. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000120	West Amarillo Creek Project Planning - Amarillo Country Club Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	10.2	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	69	60	165	0	2	2	3.3	123.9	2006	2010
011000121	West Amarillo Creek Project Planning - Partridge/Cloud Crest Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000122	Quail Creek Channel from Plum Creek Storm Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000123	East Amarillo Creek Project Planning - Lower East Amarillo Creek Channel Reach (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Replace four arch CMP and improve channels. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000124	East Amarillo Creek Project Planning - Hastings Ave. to River Road Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000125	East Amarillo Creek Project Planning - Valley Park Tributary Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000126	SE 34th/ Grand at Comanche Golf Course Channel (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030106	Upper Prairie Dog Town Fork Red	Project Planning	10.8	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	14	8	35	0	0	0	4.2	223.9	2006	2010
011000127	West Amarillo Creek Project Planning - Westcliff Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	10.2	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	69	60	165	0	2	2	3.3	123.9	2006	2010
011000128	West Amarillo Creek Project Planning - Wolfen Avenue Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000129	West Amarillo Creek Project Planning - Tascosa/Westwood Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	10.2	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	69	60	165	0	2	2	3.3	123.9	2006	2010
011000130	East Amarillo Creek Project Planning - Ross Rogers Tributary Channel Reach (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000131	Playa No. 14 Project Planning - Diamond Horseshoe Lake (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Proposed improvement include new 750 GPM pumping station with 8" suction line, and new 8" force main. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	5	4	12	0	0	0	2.1	0.0	2006	2010
011000132	Playa No. 7 Project Planning (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	31	21	81	0	0	0	2.1	19.1	2006	2010
011000133	McCarty Lake Project Planning (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$382,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000134	Willow Grove Project Planning (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030102	Upper Prairie Dog Town Fork Red	Project Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	238	222	859	0	0	0	4.0	0.0	2006	2010
011000135	Bennett Lake Project Planning (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.3	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$556,000	None	49	21	525	0	0	0	2.9	0.0	2006	2010
011000136	Lawrence Lake Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Add new 3,000 GPM pumps at both pumps, replace 15" PV with 20", and replace 16" STL with 24". Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000137	Playa No. 34 Project Planning (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements include adding an outfall channel. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter, Randall	11120103	111201030107	Upper Prairie Dog Town Fork Red	Project Planning	4.1	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	5	5	13	0	0	0	1.6	133.7	2006	2010
011000138	Wild Horse Lake Project Planning (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000139	West Amarillo Creek Project Planning - AISD/B I-40/MediPark (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050308	Lake Meredith	Project Planning	11.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000140	East Amarillo Creek Project Planning - North Bolton St. Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	19.0	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	198	151	395	1	0	0	10.7	182.0	2006	2010
011000141	McCarty Lake Project Planning - Fulton/ Hampton Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000142	Playa No. 4 Outfall (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Playa No. 4 Outfall. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120102, 11120103	111201020303, 111201030101	Palo Duro, Upper Prairie Dog Town Fork Red	Project Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Amarillo	No	\$250,000	None	87	87	280	0	0	0	2.1	51.5	2006	2010

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011000143	McDonald Lake Project Planning - Wesley, Tripp/Van Winkle Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	13	11	66	0	0	0	4.4	1.0	2006	2010
011000144	McDonald Lake Project Planning - Walmart/ Lowes Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	13	11	66	0	0	0	4.4	1.0	2006	2010
011000145	Lawrence Lake Outfall (City of Amarillo)	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.	01000003, 01000004	Potter, Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000146	Playa No. 7 Coulter/Loop 335 Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	4.6	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	6	5	16	0	0	0	4.1	57.4	2006	2010
011000147	McCarty Lake Project Planning - Downstream I-27 (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$383,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000148	McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (1B) (City of Amarillo)	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.	01000003, 01000004	Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000149	Willow Grove Project Planning - Rushmore/Hayden Storm Sewer (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Replace four pipes with 60" or 66" pipes. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Randall	11120103	111201030102	Upper Prairie Dog Town Fork Red	Project Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	238	222	859	0	0	0	4.0	0.0	2006	2010
011000150	Gooch Lake Project Planning - 27th Ave/RR Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Potter	11120103	111201030106	Upper Prairie Dog Town Fork Red	Project Planning	10.8	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	14	8	35	0	0	0	4.2	223.9	2006	2010
011000151	Wild Horse Lake Project Planning - ONG/Lipscomb Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Potter	11090105, 11120103	110901050402, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000152	McDonald Lake Project Planning - Coulter Street Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	13	11	66	0	0	0	4.4	1.0	2006	2010
011000153	Lawrence Lake Project Planning - Dilday Draw Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Potter	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000154	Lawrence Lake Project Planning - Fleetwood Drive Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000155	Lawrence Lake Project Planning - Julian Blvd. Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Potter	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010

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011000156	Lawrence Lake Project Planning - Olsen/Emil Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Potter, Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000157	Lawrence Lake Project Planning - SW 26th Avenue Storm Sewer (City of Amarillo)	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.	01000003, 01000004	Potter, Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Project Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000158	Wild Horse Lake Improvement (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to Wild Horse Lake. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000159	McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2A) (City of Amarillo)	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.	01000003, 01000004	Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000160	McCarty Lake Project Planning - Hillside/Hampton Storm Sewer (2B) (City of Amarillo)	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.	01000003, 01000004	Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Project Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000161	Playa 4 Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120102, 11120103	111201020303, 111201030101	Palo Duro, Upper Prairie Dog Town Fork Red	Watershed Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$431,000	None	87	87	280	0	0	0	2.1	51.5	2006	2010
011000162	McDonald Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Watershed Planning	1.9	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$282,000	None	13	11	66	0	0	0	4.4	1.0	2006	2010
011000163	Playa 8 Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120102, 11120103	111201020303, 111201030101	Palo Duro, Upper Prairie Dog Town Fork Red	Watershed Planning	1.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$284,000	None	7	5	35	0	0	0	1.2	53.9	2006	2010
011000164	Lawrence Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001, 01000002	Potter, Randall	11090105, 11120103	110901050308, 110901050402, 111201030101, 111201030106	Lake Meredith, Upper Prairie Dog Town Fork Red	Watershed Planning	9.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$1,000,000	None	133	111	864	1	0	0	19.1	0.0	2006	2010
011000165	Bennett Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101, 111201030102	Upper Prairie Dog Town Fork Red	Watershed Planning	1.3	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$195,000	None	49	21	525	0	0	0	2.9	0.0	2006	2010
011000166	Playa 11 Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Watershed Planning	2.9	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$424,000	None	1	1	4	0	0	0	2.0	57.4	2006	2010
011000167	Diamond Horseshoe Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101	Upper Prairie Dog Town Fork Red	Watershed Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$247,000	None	5	4	12	0	0	0	2.1	0.0	2006	2010
011000168	McCarty Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101, 111201030102	Upper Prairie Dog Town Fork Red	Watershed Planning	6.3	Riverine and Playa	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$923,000	None	200	172	750	0	0	0	12.8	53.6	2006	2010
011000169	Willow Grove Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001, 01000002	Randall	11120103	111201030101, 111201030102	Upper Prairie Dog Town Fork Red	Watershed Planning	1.7	Riverine	Randall, Amarillo	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$246,000	None	238	222	859	0	0	0	4.0	0.0	2006	2010
011000170	Playa 35 Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Potter	11120103	111201030107, 111201030501	Upper Prairie Dog Town Fork Red	Watershed Planning	2.9	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$420,000	None	0	0	0	0	0	0	0.6	67.8	2006	2010
011000171	Wild Horse Lake Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as very high priority in 2019 Amarillo DMP	01000001, 01000002	Potter	11090105, 11120103	110901050308, 110901050309, 110901050402, 111201030101, 111201030106	Lake Meredith, Upper Prairie Dog Town Fork Red	Watershed Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$548,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000172	Pump Station Rehab (City of Amarillo)	Evaluate six current pump stations to identify improvements; selected based on stakeholder feedback	01000003, 01000004	Potter, Randall	11090105, 11120103, 11120301	110901050308, 110901050309, 110901050402, 111201030101, 111201030102, 111201030106, 111201030107, 111203010101, 111203010102	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Preparedness	101.6	Riverine and Playa	Randall, Canyon	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$125,000	None	1,703	1,382	12,344	7	6	6	102.9	212.8	2006	2010

FME ID	FME Name	Description	Associated Goals	Counties	HUC8s	HUC12s	Watershed Name	Study Type	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Study Cost (\$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
011000173	Convert Playa ASAPP Models into ICPR (City of Amarillo)	Create Streamline Technologies ICPR Version 4 model of Amarillo Playas in order to more easily update and use models	01000001, 01000002	Potter, Randall	11090105, 11120103, 11120301	110901050308, 110901050309, 110901050402, 111201030101, 111201030102, 111201030106, 111201030107, 111203010101, 111203010102	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Watershed Planning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$500,000	None	1,703	1,382	12,344	7	6	6	102.9	212.8	2006	2010
011000174	Bivins Lake Dam Evaluation (City of Amarillo)	Evaluate Bivins Lake and dam to determine potential modifications to enhance flood control function; selected based on USACE report and stakeholder feedback	01000001, 01000002	Randall, Deaf Smith	11120102	111201020302	Palo Duro	Project Planning	32.8	Riverine and Playa	Randall, Amarillo	Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas	No	\$250,000	None	2	1	5	0	0	0	1.8	1,041.5	2006	2010
011000175	Spring Draw Watershed Study	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	01000001, 01000002	Potter, Randall	11120102	111201020303	Palo Duro	Watershed Planning	43.9	Riverine and Playa	Potter, Randall, Canyon	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Amarillo, Canyon	No	\$499,000	None	52	49	134	0	1	1	5.1	858.4	2006	2010
011000176	Tributary to West Amarillo Creek Watershed Study (City of Amarillo)	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects. Marked as high priority in 2019 Amarillo DMP	01000001, 01000002	Potter, Randall	11090105, 11120103	110901050308, 111201030101	Lake Meredith, Upper Prairie Dog Town Fork Red	Watershed Planning	11.1	Riverine	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$1,000,000	None	48	37	1,974	1	2	2	5.0	187.6	2006	2010
011000177	Canyon Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects, with a focus on downtown Canyon. Project identified from HMAP	01000001, 01000002, 01000005, 01000006	Randall	11120101, 11120102, 11120103	111201010609, 111201020303, 111201020304, 111201030101	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Watershed Planning	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$250,000	None	206	193	1,265	0	7	7	15.0	150.3	2006	2010
011000178	Improve Storm Water Drainage and Control Systems (City of Canyon)	Initiate a centralized data collection program to identify recurring flooding locations based on citizen complaints and road maintenance logs; selected based on stakeholder feedback	01000001, 01000002, 01000005, 01000006	Randall	11120101, 11120102, 11120103	111201010609, 111201020303, 111201020304, 111201030101	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Other	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$50,000	None	206	193	1,265	0	7	7	15.0	150.3	2006	2010
011000179	Detailed Hydrologic and Hydraulic Study of the Wichita River	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	01000001, 01000002	Wichita, Foard, Cottle, Motley, Wilbarger, Knox, King, Dickens, Baylor, Archer	11130204, 11130205, 11130206, 11130207	-	North Wichita, South Wichita, Wichita, Wichita	Watershed Planning	3174.1	Riverine and Playa	Wichita Falls	-	No	\$528,000	None	2,818	1,951	10,390	28	123	178	182.0	271,232.7	2018	2021
011000180	Improve Creek Crossing (City of Palisades)	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.	01000005, 01000006	Randall	11120103	111201030102, 111201030103	Upper Prairie Dog Town Fork Red	Project Planning	0.5	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Palisades, Timbercreek Canyon	No	\$250,000	None	45	31	73	1	1	1	1.5	0.5	2006	2010
011000181	Clay County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Clay	11130102, 11130201, 11130206, 11130209	-	Blue-China, Farmers-Mud, Wichita, Wichita	Watershed Planning	985.0	Riverine	Clay	Montague, Clay, Wichita, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita County Water Improvement District 2, Henrietta, Petrolia, Bellevue, Byers, Dean, Windthorst, Scotland, Jolly	No	\$500,000	None	128	0	315	0	64	122	63.9	94,917.6	2021	None
011000182	Baylor County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on HMAPs	01000001, 01000002, 01000005, 01000006	Baylor	11130204, 11130206, 11130207, 11130209	-	North Wichita, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	506.1	Riverine and Playa	Baylor	Wichita, Foard, Wilbarger, Knox, Baylor, Archer, Nortex Regional Planning Commission, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Seymour	No	\$500,000	None	64	6	21	0	0	0	3.9	45,083.9	None	None
011000183	Culverts: Various Locations (City of Amarillo)	Evaluate project to quantify benefits, evaluate impacts and begin design. Improvements to culverts. Project identified from 2019 Amarillo DMP.	01000003, 01000004	Potter	11090105	110901050402	Lake Meredith	Project Planning	3.7	Riverine and Playa	Amarillo	Potter, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	30	4	297	1	0	0	2.1	0.0	2006	2010
011000189	Wichita County Drainage Master Plan	Perform H&H modeling, develop conceptual alternatives and OPCC, and rank projects; selected based on stakeholder feedback.	01000001, 01000002, 01000005, 01000006	Wichita	11130102, 11130206, 11130207, 11130209	-	Blue-China, Wichita, Southern Beaver, Southern Beaver	Watershed Planning	617.3	Riverine and Playa	Wichita	Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Archer County MUD 1, Wichita County Water Improvement District 2, Burkburnett, Electra, Pleasant Valley, Iowa Park, Wichita Falls, Cashion Community, Lakeside City	No	\$500,000	None	3,986	2,926	15,949	72	170	267	193.1	49,700.4	1989	2010
011000190	Randall County Culvert Evaluations	Evaluate culverts and low water crossings for capacity and recommend alternatives for improvements. Locations specified by the county; selected based on stakeholder feedback.	01000001, 01000002, 01000005, 01000006	Randall	11090105, 11120101, 11120102, 11120103, 11120104, 11120301	-	Lake Meredith, Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red, Tule, Upper North Fork Red	Project Planning	922.3	Riverine and Playa	Randall	Carson, Potter, Oldham, Swisher, Castro, Armstrong, Randall, Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Llano Estacado Water District, Randall County MUD 1, Amarillo, Happy, Palisades, Timbercreek Canyon, Canyon, Lake Tanglewood	No	\$120,000	None	1,781	1,476	6,820	21	20	20	152.7	32,847.9	2006	2010

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Table 13 – Potentially Feasible Flood Mitigation Projects Identified by RFPG

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
															Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100-year flood risk	Estimated Population at 100 year flood risk	Critical facilities at 100-year flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100-year flood risk (Miles)	Estimated farm & ranch land at 100-year flood risk (acres)
013000001	T-Anchor Lake Watershed Drainage Improvements	Four phase playa excavation project, pump station relocation and construction of storm sewer improvements along Ross-Osage Street and Southeast 10th Street to provide 100-year flood protection	01000003, 01000004	Potter	111201030106	Upper Prairie Dog Town Fork Red	Infrastructure	4.15	Localized and Playa	Amarillo	Potter	No	\$31,300,000	Amarillo Drainage Utility Fee, \$ 0	0.25	0.09	407	407	1221	0	2	10	2.9	0.0
013000002	Rhea Road Drainage Project	The proposed improvements include the installation of a storm drain system along north on Rhea Road that would eliminate structure flooding in the 100-year storm event.	01000003, 01000004	Wichita	111302060304	Wichita	Storm Drain	0.33	Localized	Wichita Falls	Wichita	No	\$2,995,000	Wichita Falls Stormwater Utility Fees, \$2,664,460	0.02	0.02	27	26	81	1	0	0	0.3	0.0
013000003	Brenda Hursh Enhancement Project (City of Wichita Falls)	Install a bypass system that will intercept flow from Brenda Hursh Creek and Brenda Hursh Channel at their respective Weeks Street Road crossings and convey the runoff to the west through a proposed pipe system	01000003, 01000004, 01000013	Wichita	111302060304	Wichita	Infrastructure	1.68	Riverine	Wichita Falls	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Wichita Falls	No	\$4,151,000	Wichita Falls Stormwater Utility Fee, \$4,151,000	0.28	0.13	114	114	342	0	4	4	3.5	0.0
013000004	Diversion Channel through Golf Course	Construct a vegetated diversion channel with a narrow meandering pilot channel in the bottom in the area of the existing channel.	01000003, 01000004	Randall	111201020304	Palo Duro	Infrastructure	1.20	Riverine and Playa	Canyon	Randall	No	-	-	0.46	0.13	156	152	976	0	6	6	6.8	25.6
013000005	Flood Walls Through the Golf Course Area for Isolated Groups of Structures	These were determined to be one of the more viable flood risk reduction measures for houses around the golf course. Locations have been proposed around the golf course based on 100- and 500- year storms.	01000003, 01000004	Randall	111201020304	Palo Duro	Infrastructure	0.92	Riverine and Playa	Canyon	Randall	No	-	-	0.44	0.11	154	150	972	0	6	6	6.5	25.0
013000006	Dredging of Palo Duro Creek and Tierra Blanca Creek	Remove sediment deposits left behind from previous flooding events to increase channel capacity.	01000003, 01000004	Randall	111201010608, 111201010609, 111201020303, 111201020304, 111201030101, 111201030102	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Infrastructure	8.39	Riverine and Playa	Canyon	Randall	No	-	-	4.81	0.80	224	188	1089	0	9	9	17.1	1518.1
013000007	Modify Golf Course Pond Dam, Spillway, and Channel	Remove obstruction and replace with a bridge, and add a concrete spillway in the pond dam on the northeast corner of the golf course	01000003, 01000004	Randall	111201010609, 111201020304	Tierra Blanca, Palo Duro	Infrastructure	0.83	Riverine and Playa	Canyon	Randall	No	-	-	0.44	0.12	156	152	976	0	6	6	5.3	24.1
013000008	Upstream Detention Pond	Two potential detention facilities were identified upstream of the Canyon City Golf course. One is immediately upstream of FM 2590 and the other is upstream of the Canyon City Country Club where a tributary to Palo Duro Creek comes in from the north.	01000003, 01000004	Randall	111201020304	Palo Duro	Infrastructure	4.84	Riverine and Playa	Canyon	Randall	No	-	-	1.83	0.40	191	180	1199	0	6	6	8.5	619.2
013000009	Bivins Lake Modifications for Flood Control	Modify Bivins Lake to provide flood storage above the City of Canyon and operate essentially as a dry structure.	01000003, 01000004	Randall	111201020302	Palo Duro	Infrastructure	0.97	Riverine and Playa	Canyon	Randall	No	-	-	0.38	0.08	0	0	0	0	0	0	0.0	33.0
013000010	Bivins Dam Rehabilitation with Diversion Channel	Combine strategies to modify Bivins Lake and construct the enlarged channel through the Canyon City Golf Course area	01000003, 01000004	Randall	111201010609, 111201020301, 111201020302, 111201020304	Tierra Blanca, Palo Duro	Infrastructure	5.79	Riverine and Playa	Canyon	Randall	No	-	-	2.12	0.49	188	175	1014	0	6	6	8.0	681.5
013000011	Adrian Avenue Drainage Project (City of Wichita Falls)	The proposed project would be to build an additional concrete flume north of 1802 Adrian Drive into Seabury Lake	01000003, 01000004	Wichita	111302060407	Wichita	Infrastructure	0.01	Riverine	Wichita Falls	Wichita	No	-	-	0.00	0.00	0	0	0	0	0	0.0	0.0	
013000012	City of Canyon Flood Mitigation Project	The proposed improvements include upstream and midstream detention ponds, channel enlargements and low water crossings improvements to reduce flooding in the residential area near Palo Duro Creek Golf Course.	01000003, 01000004	Randall	111201020304	Palo Duro	Other	0.61	Riverine	Canyon	Canyon	No	\$37,238,000	-	0.34	0.38	106	106	318	0	3	0	1.1	0.0
013000013	Wichita Gardens Drainage Improvements	The proposed improvements include for the installation of concrete curb and gutter throughout entire development in order to install a storm drain system with curb inlets and a trunk line that runs to an outfall at the Wichita River.	01000003, 01000004	Wichita	111302060407	Wichita	Storm Drain	0.22	Localized	Wichita Falls	Wichita Falls	No	\$10,008,000	Wichita Falls Stormwater Utility Fees, \$7,833,106	0.00	0.05	100	100	300	0	0	0	2.4	0.0
013000014	Briargate Drainage Reconstruction Project (City of Wichita Falls)	Evaluate project to quantify benefits, evaluate impacts and begin design. The proposed project would construct a five-acre detention pond. Project identified from 2011 Wichita Falls DMP.	01000003, 01000004	Wichita	111302060303	Wichita	Infrastructure	0.63	Riverine	Wichita Falls	Wichita	No	\$1,595,000	-	0.05	0.02	33	31	75	0	0	0	0.3	0.0
013000015	Echo/Neta Lane Drainage Project	Install a storm drain system with curb and gutter along Jacksboro Highway beginning south of Echo Lane and reaching north to Norman Street.	01000003, 01000004	Wichita	111302060304	Wichita	Storm Drain	0.27	Localized	Wichita Falls	Wichita	No	\$2,853,000	Wichita Falls Stormwater Utility Fees, \$2,537,968	0.01	0.01	18	10	54	0	0	0	0.1	0.0
013000016	Hirschi - Huskie Drainage Project (City of Wichita Falls)	Extend the existing storm drain system on Huskie Drive to reach to the north and south on Hirschi Lane. Additionally, acquire properties along the north side of Iowa Park Road between Hirschi Lane and Ridgeway Drive.	01000003, 01000004	Wichita	111302060407	Wichita	Storm Drain	0.04	Localized	Wichita Falls	Wichita	No	\$632,000	Wichita Falls Stormwater Utility Fees, \$562,666	0.01	0.01	35	35	105	0	0	0	0.3	0.0
013000017	Landon, Duty and Sunset St Drainage Project	The proposed solution is be a combination of curb and gutter street improvements for Duty Lane, Landon Road, and Sunset Lane south of Duty Lane.	01000003, 01000004	Wichita	111302060407	Wichita	Storm Drain	0.05	Localized	Wichita Falls	Wichita	No	\$2,120,000	Wichita Falls Stormwater Utility Fees, \$1,885,950	0.03	0.03	43	43	129	0	0	0	0.3	0.0
013000018	Spanish Trace Drainage Project	The proposed improvements include re-grading of an abandoned irrigation canal to convey flow north towards Johnson Road, connecting to the existing torm sewer system.	01000003, 01000004	Wichita	111302060303	Wichita	Storm Drain	0.05	Localized	Wichita Falls	Wichita	No	\$1,043,000	Wichita Falls Stormwater Utility Fees, \$927,481	0.00	0.00	8	8	24	0	0	0	0.0	0.0

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FMP ID	FMP Name	Reduction in Flood Risk												Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	Benefit-Cost Ratio
		Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)										
013000001	T-Anchor Lake Watershed Drainage Improvements	10	397	0	397	1191	0	0	10	0	0	1	Not Available	10% annual	1% annual	\$78,816	0	No	No	0.90	No	-	1.7
013000002	Rhea Road Drainage Project	0	27	0	26	81	1	0	0	0	0	Not Available	Not Available	>50% annual	1% annual	\$110,929	0	No	No	0.60	No	0	1.1
013000003	Brenda Hursh Enhancement Project (City of Wichita Falls)	7	64	-	64	192	0	0	0	1	0	Not Available	Not Available	50% annual	2% annual	\$64,865	8.5	No	Yes	0.17	No	-	1.1
013000004	Diversion Channel through Golf Course	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.29	No	-	-
013000005	Flood Walls Through the Golf Course Area for Isolated Groups of Structures	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.29	No	-	-
013000006	Dredging of Palo Duro Creek and Tierra Blanca Creek	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.26	No	-	-
013000007	Modify Golf Course Pond Dam, Spillway, and Channel	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.29	No	-	-
013000008	Upstream Detention Pond	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.24	No	-	-
013000009	Bivins Lake Modifications for Flood Control	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.24	No	-	-
013000010	Bivins Dam Rehabilitation with Diversion Channel	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.24	No	-	-
013000011	Adrian Avenue Drainage Project (City of Wichita Falls)	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.58	No	-	-
013000012	City of Canyon Flood Mitigation Project	79	27	6	27	81	0	3	3	0	0	Not Available	Not Available	>50% annual	50% annual	\$1,379,176	0	No	No	0.53	No	1232	0.5
013000013	Wichita Gardens Drainage Improvements	0	100	0	100	252	0	0	0	2	0	Not Available	Not Available	>50% annual	0.2% annual	\$100,082	0	No	No	0.63	No	0	3.1
013000014	Briargate Drainage Reconstruction Project (City of Wichita Falls)	-	-	-	-	-	-	-	-	-	-	Not Available	Not Available	-	-	-	-	-	No	0.36	No	-	-
013000015	Echo/Neta Lane Drainage Project	4	14	0	14	42	0	0	0	0	0	Not Available	Not Available	>50% annual	50% annual	\$203,779	0	No	No	0.24	No	0	3.7
013000016	Hirschi - Huskie	0	35	0	35	105	0	0	0	0	0	Not Available	Not Available	>50% annual	1% annual	\$18,071	0	--	No	0.76	No	0	0.8
013000017	Landon, Duty and Sunset St Drainage Project	2	41	0	41	123	0	0	0	0	0	Not Available	Not Available	>50% annual	10% annual	\$51,707	0	No	No	0.76	No	0	10.6
013000018	Spanish Trace Drainage Project	0	8	0	8	24	0	0	0	0	0	Not Available	Not Available	>50% annual	1% annual	\$130,322	0	No	No	0.51	No	0	1.2

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Table 14 – Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
															Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
01200001	City of Canyon Create Floodplain Ordinances	Establish drainage criteria	01000003, 01000004	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, & Palo Duro, Upper Prairie Dog Town Fork Red	Regulatory and Guidance	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$100,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
01200002	Quitaque NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Briscoe	1113010302, 1113010303	North Pease	Regulatory and Guidance	0.7	Riverine and Playa	Quitaque	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Quitaque	No	\$100,000	None	0.03	0.02	2	0	0	0	0	0	0	0.29
01200003	Dean NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay	1113020605, 1113020905	Wichita, Little Wichita	Regulatory and Guidance	1.5	Riverine	Dean	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Dean	No	\$100,000	None	0.09	0.02	3	0	2	0	1	2	0	6.43
01200004	Jolly NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay	1113020905	Little Wichita	Regulatory and Guidance	1.4	Riverine	Jolly	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Dean, Jolly	No	\$100,000	None	0.06	0.01	3	0	10	0	2	3	1	10.22
01200005	Mobeetie NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Wheeler	1112030202	Middle North Fork Red	Regulatory and Guidance	0.9	Riverine	Mobeetie	Wheeler, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Mobeetie	No	\$100,000	None	0.12	0.02	1	0	0	0	0	0	0	1.91
01200006	Hedley NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Donley	1112010504, 1112020201	Lower Prairie Dog Town Fork Red, Lower Salt Fork Red	Regulatory and Guidance	0.7	Riverine	Hedley	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Hedley	No	\$100,000	None	0.03	0.01	2	0	137	0	0	0	0	2.44
01200007	Nazareth NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Castro	1112010402	Tule	Regulatory and Guidance	0.3	Playa	Nazareth	Castro, Panhandle Regional Planning Commission, Red River Authority of Texas, Nazareth	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.00
01200008	Texhoma NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Sherman	1110010108, 1110010304	Upper Beaver, Coldwater	Regulatory and Guidance	1.9	Riverine	Texhoma	Sherman, Panhandle Regional Planning Commission, Texhoma	No	\$100,000	None	0.09	0.07	0	0	0	0	0	0	0	1.78
01200009	Lakeview NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hall	1112010502	Lower Prairie Dog Town Fork Red	Regulatory and Guidance	0.2	Riverine	Lakeview	Hall, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Lakeview	No	\$100,000	None	0.04	0.02	10	3	4	0	0	0	1	2.48
01200010	Estelline NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hall	1112010503	Lower Prairie Dog Town Fork Red	Regulatory and Guidance	0.8	Riverine	Estelline	Hall, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Estelline	No	\$100,000	None	0.04	0.01	0	0	0	0	0	0	0	0.07
01200011	Stratford NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Sherman	1110010302, 1110010304	Coldwater	Regulatory and Guidance	1.8	Riverine	Stratford	Sherman, Panhandle Regional Planning Commission, Stratford	No	\$100,000	None	0.00	0.01	0	0	0	0	0	0	0	0.00
01200012	Windthorst NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay, Archer	1113020903	Little Wichita	Regulatory and Guidance	2.3	Riverine	Windthorst	Clay, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Windthorst	No	\$100,000	None	0.05	0.02	0	0	0	0	0	0	0	0.59
01200013	Bellevue NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Clay	1113020102, 1113020904	Farmers-Mud, Little Wichita	Regulatory and Guidance	0.9	Riverine	Bellevue	Clay, Nortex Regional Planning Commission, Red River Authority of Texas, Bellevue	No	\$100,000	None	0.02	0.01	0	0	0	0	0	0	0	2.79
01200014	Adrian NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Oldham	1109010107	Middle Canadian-Trujillo	Regulatory and Guidance	0.8	Riverine and Playa	Adrian	Oldham, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Adrian	No	\$100,000	None	0.01	0.00	0	0	0	0	0	0	0	0.89
01200015	Cashion NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Wichita	1113010203, 1113020605	Blue-China, Wichita	Regulatory and Guidance	1.8	Riverine	Cashion Community	Wichita, Nortex Regional Planning Commission, Red River Authority of Texas, Burk Burnett, Cashion Community	No	\$100,000	None	0.06	0.01	0	0	0	0	0	0	0	5.85
01200016	Dodson NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Collingsworth	1113010103	Groesbeck-Sandy	Regulatory and Guidance	0.6	Riverine	Dodson	Collingsworth, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Dodson	No	\$100,000	None	0.06	0.02	10	5	8	0	0	0	2	0.23
01200017	Silverton NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Briscoe	1113010301	North Pease	Regulatory and Guidance	1.0	Playa	Silverton	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Silverton	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.00
01200018	Lockney NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Floyd	1113010302	North Pease	Regulatory and Guidance	0.2	Playa	Lockney	Floyd, South Plains Association of Governments, Red River Authority of Texas, Brazos River Authority, Lockney	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.00
01200019	Chillicothe NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hardeman	1113010104	Groesbeck-Sandy	Regulatory and Guidance	1.0	Riverine	Chillicothe	Hardeman, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Chillicothe	No	\$100,000	None	0.06	0.02	0	0	0	0	0	0	0	0.23

FMS ID	Reduction in Flood Risk											Cost/ Structure Removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	
	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)						Estimated reduction in injuries (if available)
012000001	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000002	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000003	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000004	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000005	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000006	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000007	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000008	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000009	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000010	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000011	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000012	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000013	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000014	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000015	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000016	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000017	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000018	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000019	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
															Area in 100Yr (1% annual chance) Floodplain	Area in 500Yr (0.2% annual chance) Floodplain	Estimated number of structures at 100Yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
012000020	Vega NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Oldham	1109010501, 1112010202	Lake Meredith, Palo Duro	Regulatory and Guidance	1.1	Riverine	Vega	Oldham, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Vega	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.28
012000021	McLean NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Gray	1112030102, 1112030401	Upper North Fork Red, Elm Fork Red	Regulatory and Guidance	1.2	Riverine	McLean	Gray, Panhandle Regional Planning Commission, Red River Authority of Texas, McLean	No	\$100,000	None	0.07	0.02	24	16	38	1	0	0	2	1.97
012000022	Stinnett NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hutchinson	1109010601	Middle Canadian-Spring	Regulatory and Guidance	2.0	Riverine	Stinnett	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Stinnett	No	\$100,000	None	0.10	0.03	67	0	37	0	1	1	3	1.68
012000023	Sanford NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hutchinson	1109010601	Middle Canadian-Spring	Regulatory and Guidance	0.2	Riverine	Sanford	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Sanford	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	2.71
012000024	Follett NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Lipscomb	1110020302, 1110020304	Lower Wolf	Regulatory and Guidance	1.0	Riverine	Follett	Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett	No	\$100,000	None	0.05	0.01	1	0	1	0	0	0	0	1.49
012000025	Perryton NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Ochiltree	1110020102, 1110020103	Lower Beaver	Regulatory and Guidance	4.4	Riverine and Playa	Perryton	Ochiltree, Panhandle Regional Planning Commission, Perryton	No	\$100,000	None	0.43	0.40	304	145	193	0	0	0	7	18.13
012000026	Miami NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Roberts	1109010606	Middle Canadian-Spring	Regulatory and Guidance	1.8	Riverine	Miami	Roberts, Panhandle Regional Planning Commission, Red River Authority of Texas, Miami	No	\$100,000	None	0.55	0.08	35	0	12	0	0	0	2	138.99
012000027	Skellytown NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Carson	1109010603	Middle Canadian-Spring	Regulatory and Guidance	0.5	None	Skellytown	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Skellytown	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.00
012000028	Claude NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Armstrong	1112010305	Upper Prairie Dog Town Fork Red	Regulatory and Guidance	1.7	Riverine and Playa	Claude	Armstrong, Panhandle Regional Planning Commission, Red River Authority of Texas, Claude	No	\$100,000	None	0.01	0.00	0	0	0	0	0	0	0	0.00
012000029	Matador NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Motley	1113010404	Middle Pease	Regulatory and Guidance	1.4	Riverine	Matador	Motley, South Plains Association of Governments, Red River Authority of Texas, Matador Water District, Matador	No	\$100,000	None	0.11	0.02	8	0	8	0	0	0	1	0.57
012000030	Cottle County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Cottle	1113010101, 1113010304, 1113010305, 1113010403, 1113010404, 1113010405, 1113010501, 1113020401, 1113020402	Groesbeck-Sandy, North Pease, Middle Pease, Pease, North Wichita	Regulatory and Guidance	899.7	Riverine and Playa	Cottle	Cottle, Nortex Regional Planning Commission, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Paducah	No	\$100,000	None	122.02	19.33	7	1	0	0	5	5	33	71,380.67
012000031	Hardeman County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hardeman	1112010505, 1113010101, 1113010102, 1113010104, 1113010106, 1113010501, 1113010502	Lower Prairie Dog Town Fork Red, Groesbeck-Sandy, Pease	Regulatory and Guidance	695.6	Riverine and Playa	Hardeman	Hardeman, Nortex Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Chillicothe, Quanah	No	\$100,000	None	97.32	19.06	43	3	64	0	6	6	54	59,006.80
012000032	Knox County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Knox	1113020402, 1113020403, 1113020502, 1113020601	North Wichita, South Wichita, & Wichita	Regulatory and Guidance	421.0	Riverine and Playa	Knox	Knox, Nortex Regional Planning Commission, South Plains Association of Governments, West Central Texas Council of Governments, Red River Authority of Texas, Brazos River Authority, Knox County WCID 1	No	\$100,000	None	70.63	12.98	7	0	1	0	0	0	5	42,191.00
012000033	Carson County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Carson	1109010504, 1109010507, 1109010601, 1109010602, 1109010603, 1109010606, 1112010305, 1112020101, 1112030101, 1112030102, 1112030103	Lake Meredith, Middle Canadian-Spring, Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Regulatory and Guidance	925.2	Riverine and Playa	Carson	Carson, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, White Deer, Skellytown, Panhandle, Groom	No	\$100,000	None	85.96	19.45	87	43	190	4	10	12	36	43,317.90
012000034	Hemphill County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hemphill	1109010606, 1109010607, 1109010608, 1109020101, 1110020301, 1112030202, 1113030101, 1113030102	Middle Canadian-Spring, Lower Canadian-Deer, Lower Wolf, Middle North Fork Red, Washita Headwaters	Regulatory and Guidance	914.0	Riverine and Playa	Hemphill	Hemphill, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian	No	\$100,000	None	136.28	23.44	101	0	76	0	6	6	30	77,405.32
012000035	Roberts County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Roberts	1109010603, 1109010604, 1109010605, 1109010606, 1109010607, 1112030202, 1113030101	Middle Canadian-Spring, Middle North Fork Red, Washita Headwaters	Regulatory and Guidance	925.4	Riverine and Playa	Roberts	Roberts, Panhandle Regional Planning Commission, Red River Authority of Texas, Roberts County FWSD 1, Miami	No	\$100,000	None	150.53	21.83	90	1	15	2	5	5	21	91,030.60
012000036	Hutchinson County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hutchinson	1109010506, 1109010507, 1109010601, 1109010602, 1109010603, 1109010604, 1110010401, 1110010402, 1110010403, 1110020201	Lake Meredith, Middle Canadian-Spring, Palo Duro, Upper Wolf	Regulatory and Guidance	896.9	Riverine and Playa	Hutchinson	Hutchinson, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Palo Duro River Authority, Borger, Fritch, Sanford, Stinnett	No	\$100,000	None	121.44	27.93	428	0	552	2	10	10	30	70,011.99

FMS ID	Reduction in Flood Risk											Cost/ Structure Removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	
	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)						Estimated reduction in injuries (if available)
012000020	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000021	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000022	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000023	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000024	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000025	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000026	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000027	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000028	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000029	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000030	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000031	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000032	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000033	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000034	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000035	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000036	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
															Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
01200037	Moore County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Moore	1109010502, 1109010503, 1109010505, 1109010506, 1109010507, 1110010401, 1110010402	Lake Meredith, Palo Duro	Regulatory and Guidance	911.5	Riverine and Playa	Moore	Moore, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Dumas, Sunray, Fritch	No	\$100,000	None	75.04	19.64	75	27	228	4	10	13	29	38,661.18
01200038	Hartley County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hartley	1109010101, 1109010102, 1109010106, 1109010107, 1109010203, 1109010204, 1109010205, 1109010206, 1109010207, 1109010304, 1109010305, 1109010404, 1109010501, 1109010502, 1109010505, 1110010303, 1110010401, 1110010402	Middle Canadian-Trujillo, Punta de Agua, Rita Blanca, Carrizo, Lake Meredith, Coldwater & Palo Duro	Regulatory and Guidance	1,466.1	Riverine and Playa	Hartley	Hartley, Panhandle Regional Planning Commission, Red River Authority of Texas, Channing, Dalhart	No	\$100,000	None	148.17	49.84	111	65	209	5	61	63	83	91,162.87
01200039	Briscoe County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Briscoe	1112010303, 1112010304, 1112010306, 1112010405, 1112010406, 1112010501, 1113010301, 1113010302, 1113010303	Upper Prairie Dog Town Fork Red, Tule, Lower Prairie Dog Town Fork Red, North Pease	Regulatory and Guidance	901.4	Riverine and Playa	Briscoe	Briscoe, Panhandle Regional Planning Commission, Red River Authority of Texas, Mackenzie Municipal Water Authority, Greenbelt Municipal & Industrial Water Authority, Quitaque, Silvertown	No	\$100,000	None	119.86	23.44	36	0	11	0	2	2	45	64,354.15
01200040	Donley County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Donley	1112010304, 1112010306, 1112010502, 1112010503, 1112010504, 1112020101, 1112020102, 1112020201, 1112030102, 1112030401	Upper Prairie Dog Town Fork Red, Lower Prairie Dog Town Fork Red, Upper Salt Fork Red, Lower Salt Fork Red, Upper North Fork Red, Elm Fork Red	Regulatory and Guidance	933.0	Riverine and Playa	Donley	Donley, Panhandle Regional Planning Commission, Red River Authority of Texas, Greenbelt Municipal & Industrial Water Authority, Hedley, Clarendon, Howardwick	No	\$100,000	None	127.68	19.07	219	18	525	2	9	9	46	76,552.17
01200041	Armstrong County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Armstrong	1112010301, 1112010302, 1112010303, 1112010304, 1112010305, 1112010306, 1112020101, 1112030102	Upper Prairie Dog Town Fork Red, Upper Salt Fork Red, Upper North Fork Red	Regulatory and Guidance	912.0	Riverine and Playa	Armstrong	Armstrong, Panhandle Regional Planning Commission, Red River Authority of Texas, Claude	No	\$100,000	None	108.48	17.44	24	0	3	0	14	27	25	56,990.49
01200042	Deaf Smith County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Deaf Smith	1109010103, 1109010104, 1109010105, 1109010107, 1112010102, 1112010104, 1112010105, 1112010106, 1112010201, 1112010202, 1112010203, 1112010401, 1112010403	Middle Canadian-Trujillo, Tierra Blanca, Palo Duro, Tule	Regulatory and Guidance	1,497.9	Riverine and Playa	Deaf Smith	Deaf Smith, Panhandle Regional Planning Commission, Red River Authority of Texas, Llano Estacado Water District, Deaf Smith County FWSD 1, Hereford	No	\$100,000	None	100.65	30.09	120	45	271	0	18	25	76	54,135.30
01200043	Wheeler County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Wheeler	1112020201, 1112030102, 1112030201, 1112030202, 1112030203, 1112030401, 1113030101, 1113030102	Lower Salt Fork Red, Upper North Fork Red, Middle North Fork Red, Elm Fork Red, Washita Headwaters	Regulatory and Guidance	916.0	Riverine and Playa	Wheeler	Wheeler, Panhandle Regional Planning Commission, Red River Authority of Texas, Wheeler County Water Supply District, Greenbelt Municipal & Industrial Water Authority, Mobeetie, Shamrock, Wheeler	No	\$100,000	None	115.18	21.97	191	71	154	4	4	4	65	70,021.96
01200044	Sherman County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Sherman	1110010108, 1110010302, 1110010303, 1110010304, 1110010305, 1110010401, 1110010402, 1110010403	Upper Beaver, Coldwater, Palo Duro	Regulatory and Guidance	926.1	Riverine and Playa	Sherman	Sherman, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Cactus, Stratford, Texhoma	No	\$100,000	None	71.99	29.51	21	0	13	3	9	10	57	44,312.85
01200045	Dallam County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Dallam	1109010205, 1109010301, 1109010302, 1109010303, 1109010304, 1109010305, 1109010403, 1109010404, 1110010106, 1110010108, 1110010301, 1110010302, 1110010303, 1110010304, 1110010401	Punta de Agua, Rita Blanca, Carrizo, Upper Beaver, Coldwater, Palo Duro	Regulatory and Guidance	1,510.5	Riverine and Playa	Dallam	Dallam, Panhandle Regional Planning Commission, Red River Authority of Texas, Dalhart, Texline	No	\$100,000	None	147.88	64.63	890	656	871	2	22	22	178	91,033.79
01200046	Lipscomb County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Lipscomb	1109010607, 1109010608, 1109020101, 1110020102, 1110020103, 1110020104, 1110020106, 1110020202, 1110020203, 1110020301, 1110020302, 1110020304	Middle Canadian-Spring, Lower Canadian-Deer, Lower Beaver, Upper Wolf, Lower Wolf	Regulatory and Guidance	936.3	Riverine and Playa	Lipscomb	Lipscomb, Panhandle Regional Planning Commission, Red River Authority of Texas, Follett, Darrouzett, Higgins, Booker	No	\$100,000	None	105.73	16.56	100	9	33	0	6	6	20	66,275.21
01200047	Ochiltree County NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Ochiltree	1109010604, 1109010605, 1109010607, 1110010205, 1110010405, 1110020101, 1110020102, 1110020103, 1110020105, 1110020201, 1110020202, 1110020203	Middle Canadian-Spring, Middle Beaver, Palo Duro, Lower Beaver, Upper Wolf	Regulatory and Guidance	922.5	Riverine and Playa	Ochiltree	Ochiltree, Panhandle Regional Planning Commission, Red River Authority of Texas, Palo Duro River Authority, Booker, Perryton	No	\$100,000	None	89.45	29.76	369	161	244	1	1	1	31	48,149.86
01200048	Region-Wide Turn Around/Don't Drown	Educate public on Turn Around/Don't Drown program	01000005, 01000006	-	-	-	Education and Outreach	34,626.1	Riverine and Playa	Panhandle Regional Planning Commission	Panhandle Regional Planning Commission	No	\$100,000	None	4305.26	929.55	11,544	6,885	26,657	160	803	1,250	2,299	2,425,093.47
01200049	Region-Wide Public Awareness	Educate public on flood safety	01000005, 01000006	-	-	-	Education and Outreach	34,626.1	Riverine and Playa	Panhandle Regional Planning Commission	Panhandle Regional Planning Commission	No	\$100,000	None	4305.26	929.55	11,544	6,885	26,657	160	803	1,250	2,299	2,425,093.47
01200050	City of Amarillo Update Stormwater Criteria	Update stormwater criteria based on recommendations identified in the 2019 Drainage Master Plan	01000003, 01000004	Potter, Randall	1109010503, 1109010504, 1112010301, 1112030101	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Regulatory and Guidance	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$100,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76

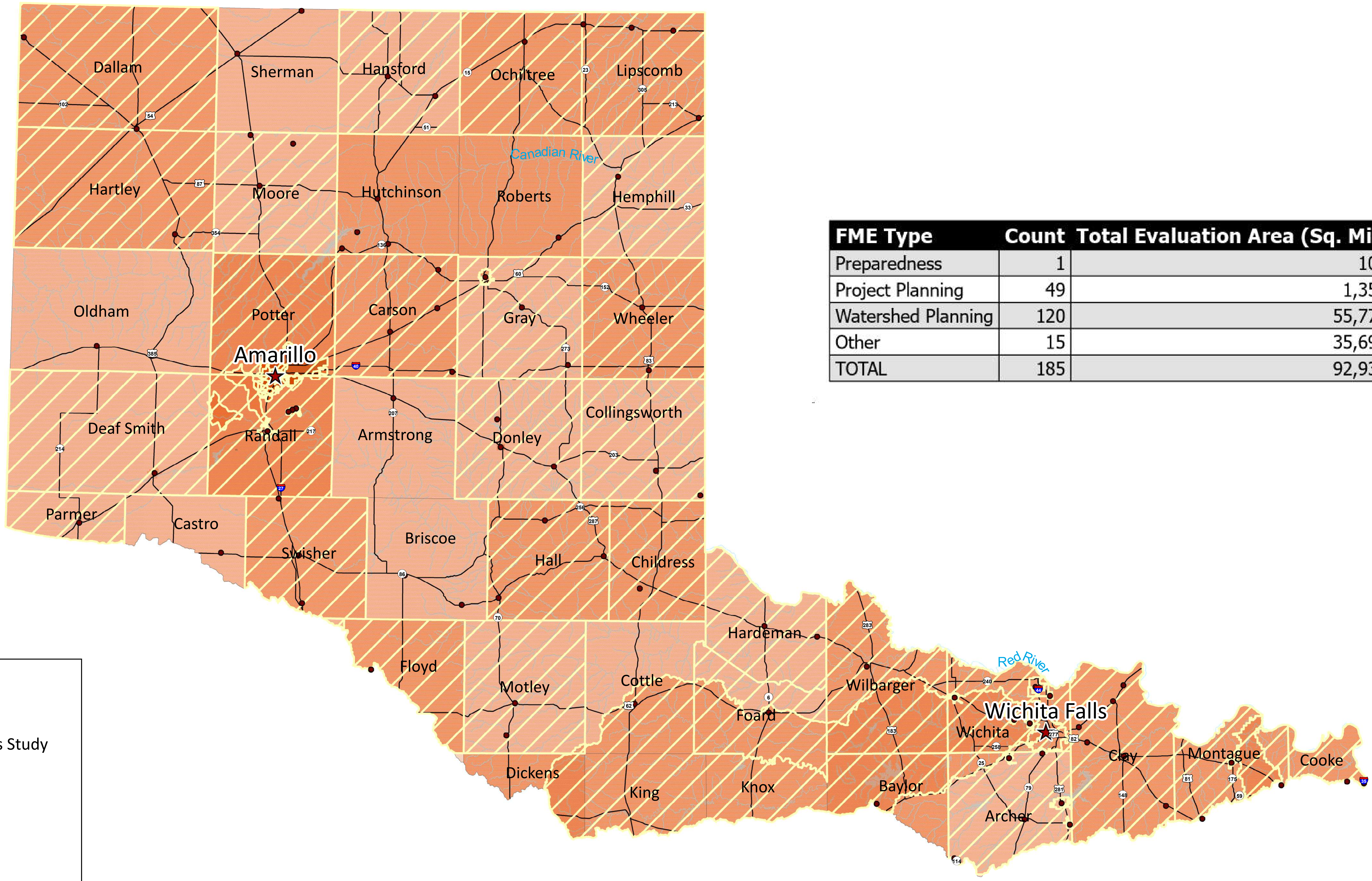
FMS ID	Reduction in Flood Risk											Cost/ Structure Removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	
	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)						Estimated reduction in injuries (if available)
012000037	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000038	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000039	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000040	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000041	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000042	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000043	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
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012000045	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000046	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000047	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
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012000049	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000050	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
															Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated active farm & ranch land at flood risk (acres)
012000051	City of Amarillo Develop Criteria for Playa Development	Address sustainable plays development; establish modelling standard	01000003, 01000004	Potter, Randall	1109010503, 1109010504, 1112010301, 1112030101	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Regulatory and Guidance	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$100,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76
012000052	City of Amarillo Gages for Playas	Install gages on playa lakes	01000001, 01000002	Potter, Randall	1109010503, 1109010504, 1112010301, 1112030101	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Flood Measurement and Warning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76
012000053	City of Amarillo Flood Warning System	Implement flood warning system in the north side of town	01000005, 01000006	Potter, Randall	1109010503, 1109010504, 1112010301, 1112030101	Lake Meredith, Upper Prairie Dog Town Fork Red, Upper North Fork Red	Flood Measurement and Warning	101.6	Riverine and Playa	Randall, Amarillo	Potter, Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canadian River Municipal Water Authority, Amarillo	No	\$250,000	None	10.47	4.68	1,703	1,382	8,883	7	6	6	103	212.76
012000054	City of Canyon Establish Stormwater Utility Fee	Perform stormwater utility rate evaluation and implement a stormwater utility fee to create a dedicated funding source for stormwater projects and storm sewer maintenance	01000011, 01000012	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Regulatory and Guidance	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$200,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000055	City of Canyon Acquire, Buyout, and Flood-Proofing Program	Develop a program to identify and either acquire (buy out/relocate) or elevate structures in the floodplain	01000003, 01000004	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Property Acquisition and Structural Elevation	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$6,000,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000056	City of Canyon Flood Warning Gages	Install flood warning gages to protect Canyon citizens and downstream communities	01000005, 01000006	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Flood Measurement and Warning	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$250,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000057	City of Canyon Stream and Culvert Maintenance	Perform stream and culvert maintenance	01000005, 01000006	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Other	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$100,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000058	City of Canyon Floodplain Regulation and Higher Standards (CRS)	Evaluate existing ordinances and development criteria and update as necessary to implement protective floodplain management standards and consider CRS participation	01000009, 01000010	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Regulatory and Guidance	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$100,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000059	City of Canyon Installation of LWC Gates on Flood-Prone Roadways	Barrier installation keeps the public from entering high-water areas during flooding events.	01000005, 01000006	Randall	1112010106, 1112010203, 1112010301	Tierra Blanca, Palo Duro, Upper Prairie Dog Town Fork Red	Infrastructure Projects	7.1	Riverine and Playa	Randall, Canyon	Randall, Panhandle Regional Planning Commission, Red River Authority of Texas, Canyon	No	\$1,000,000	None	1.10	0.23	206	193	636	0	7	7	15	150.26
012000060	Wichita County Ordinance Development	Update subdivision ordinance for enhanced consideration for floodplain management	01000001, 01000002	Wichita	1113010201, 1113010202, 1113010203, 1113020602, 1113020603, 1113020604, 1113020605, 1113020704, 1113020905	Blue-China, Wichita, Southern Beaver & Little Wichita	Regulatory and Guidance	617.3	Riverine and Playa	Wichita	Clay, Wichita, Wilbarger, Baylor, Archer, Nortex Regional Planning Commission, Red River Authority of Texas, Archer County MUD 1, Wichita County Water Improvement District 2, Burk Burnett, Electra, Pleasant Valley, Iowa Park, Wichita Falls, Cashion Community, Lakeside City	No	\$100,000	None	116.16	30.19	3,986	2,926	10,515	72	174	267	193	49,700.41
012000062	Channing NFIP Involvement	Application to join NFIP or adopt equivalent standards	01000009, 01000010	Hartley	1109010501, 1109010207	Lake Meredith, Punta de Agua	Regulatory and Guidance	1.0	Riverine	Channing	Channing, Hartley, Panhandle Regional Planning Commission, Red River Authority of Texas	No	\$100,000	None	0.00	0.00	0	0	0	0	0	0	0	0.22
012000063	Region-Wide Initiative to Increase Communities with Dedicated Funding Sources for Operations & Maintenance of Storm Drainage System	Provide resources and assistance for communities looking to developing funding sources for drainage	01000011, 01000012	-	-	-	Regulatory and Guidance	34,626.1	Riverine and Playa	Panhandle Regional Planning Commission	Panhandle Regional Planning Commission	No	\$100,000	None	4305.26	929.55	11,544	6,885	26,657	160	803	1,250	2,299	2,425,093.47

FMS ID	Reduction in Flood Risk											Cost/ Structure Removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	
	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)						Estimated reduction in injuries (if available)
012000051	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000052	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000053	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000054	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000055	0	24	0	24	72	0	0	0	0	0	Not Available	Not Available	\$250,000	No	No	No	No
012000056	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000057	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000058	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000059	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000060	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000062	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No
012000063	0	0	0	0	0	0	0	0	0	0	Not Available	Not Available	Not Applicable	No	No	No	No

Appendix D-4 | D-4.1

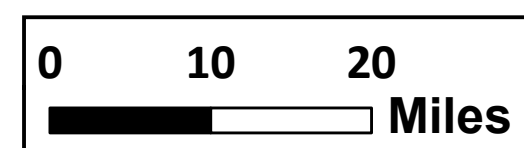
Map 16 – Extent of Potential Flood Management Evaluations and Existing Mapping Needs



FME Type	Count	Total Evaluation Area (Sq. Mi.)
Preparedness	1	102
Project Planning	49	1,358
Watershed Planning	120	55,779
Other	15	35,698
TOTAL	185	92,936

- FME
- Previous Study Exist
- Major
- Major
- Major

* A darker shade represents overlapping FME boundaries

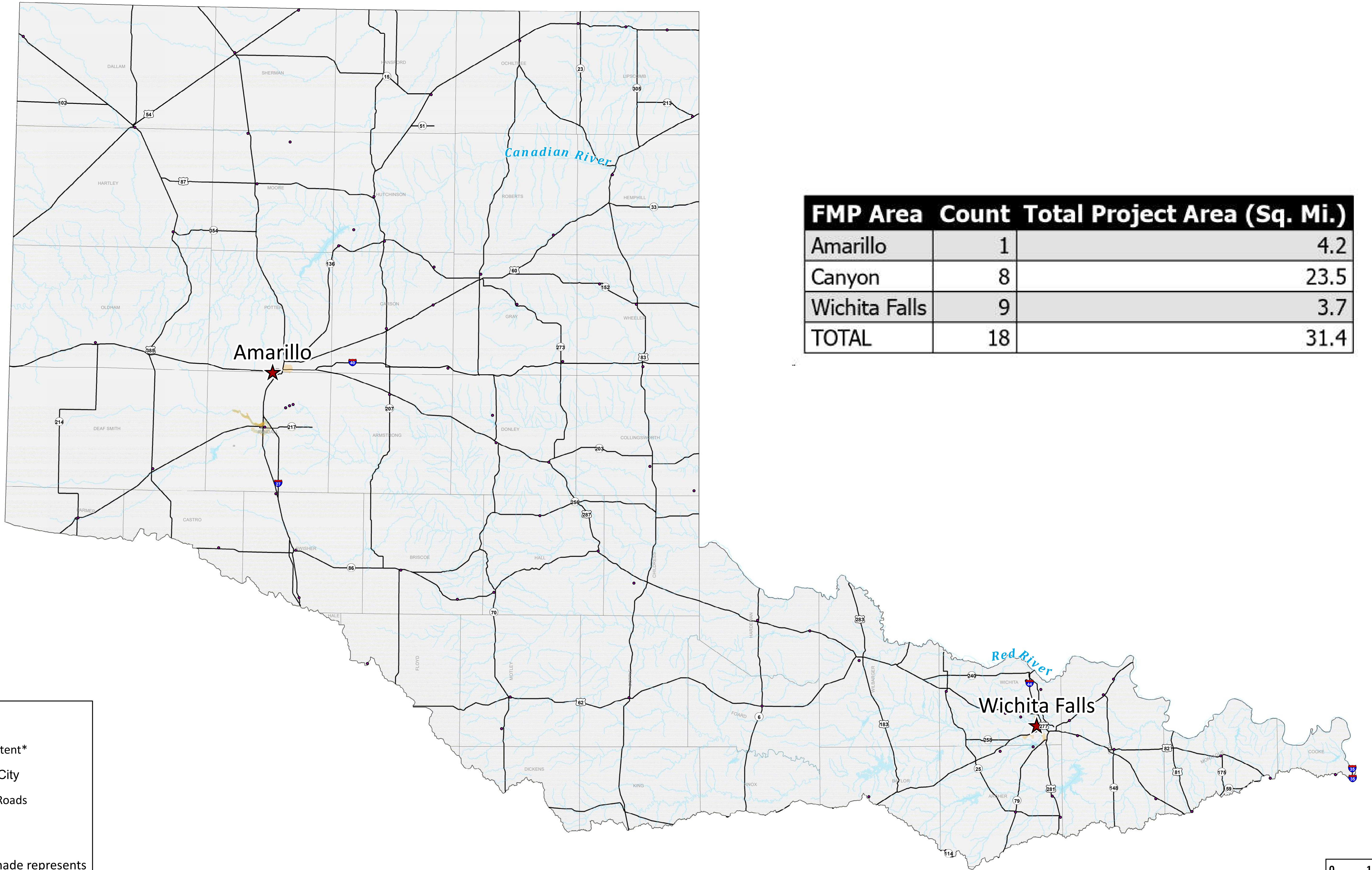


Region 1 - Canadian - Upper Red
Extent of Potential Flood Management Evaluations and Existing Mapping Needs

FN JOB NO	PPC21323	Map 16
FILE	Map16_FME_extent	
DATE	12/7/2022	
SCALE	1:757,000	
DRAFTED	08071	

Appendix D-4 | D-4.2

Map 17 – Extent of Potential Flood Mitigation Projects



FMP Area	Count	Total Project Area (Sq. Mi.)
Amarillo	1	4.2
Canyon	8	23.5
Wichita Falls	9	3.7
TOTAL	18	31.4

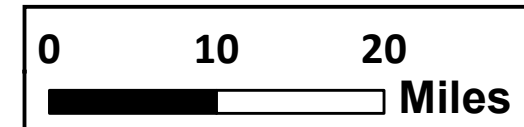
Legend

- FMP Extent*
- Major City
- Major Roads
- City
- Rivers

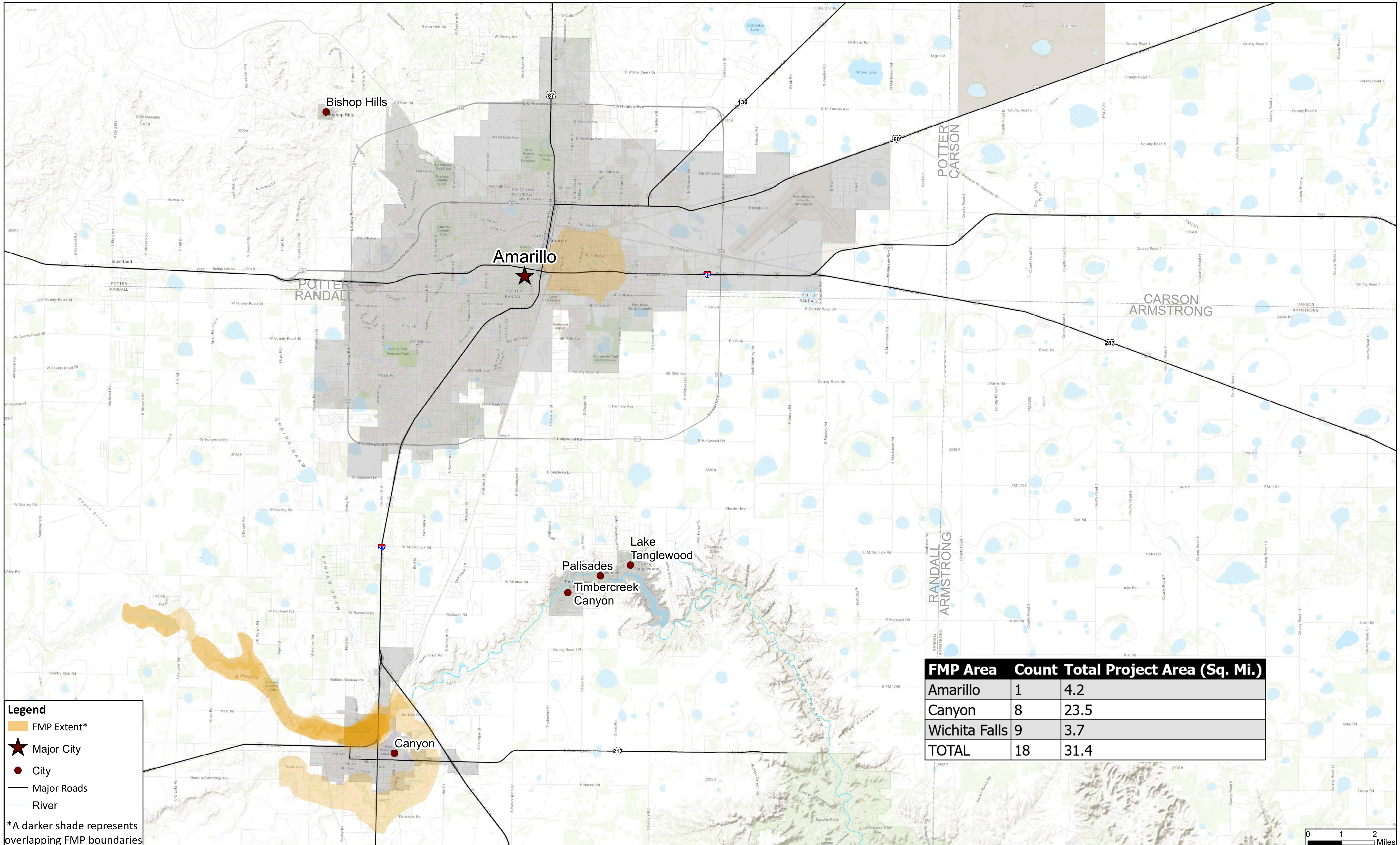
*A darker shade represents overlapping FMP boundaries



Region 1 - Canadian - Upper Red
Extent of Potential Flood Mitigation Projects



FV JOB NO: PPC21323
 FILE: Map17_FMP_extent
 DATE: 12/7/2022
 SCALE: 1:271,372
 DRAFTED: 08071

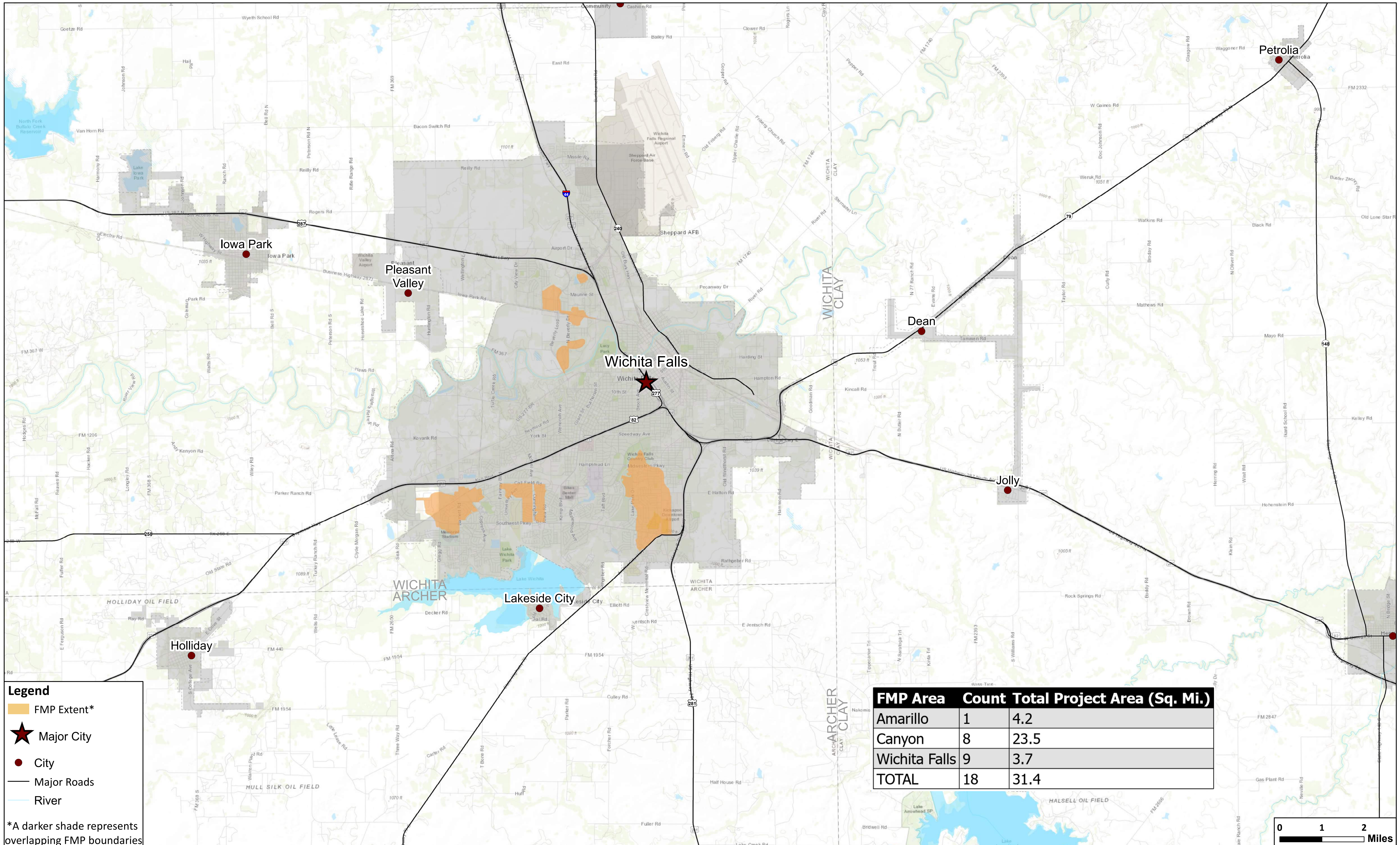


Legend

- FMP Extent*
- Major City
- City
- Major Roads
- River

*A darker shade represents overlapping FMP boundaries

FMP Area	Count	Total Project Area (Sq. Mi.)
Amarillo	1	4.2
Canyon	8	23.5
Wichita Falls	9	3.7
TOTAL	18	31.4

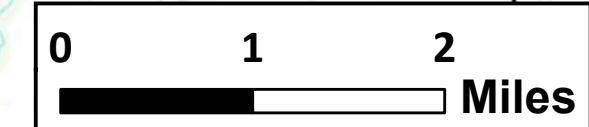


Legend

- FMP Extent*
- Major City
- City
- Major Roads
- River

*A darker shade represents overlapping FMP boundaries

FMP Area	Count	Total Project Area (Sq. Mi.)
Amarillo	1	4.2
Canyon	8	23.5
Wichita Falls	9	3.7
TOTAL	18	31.4



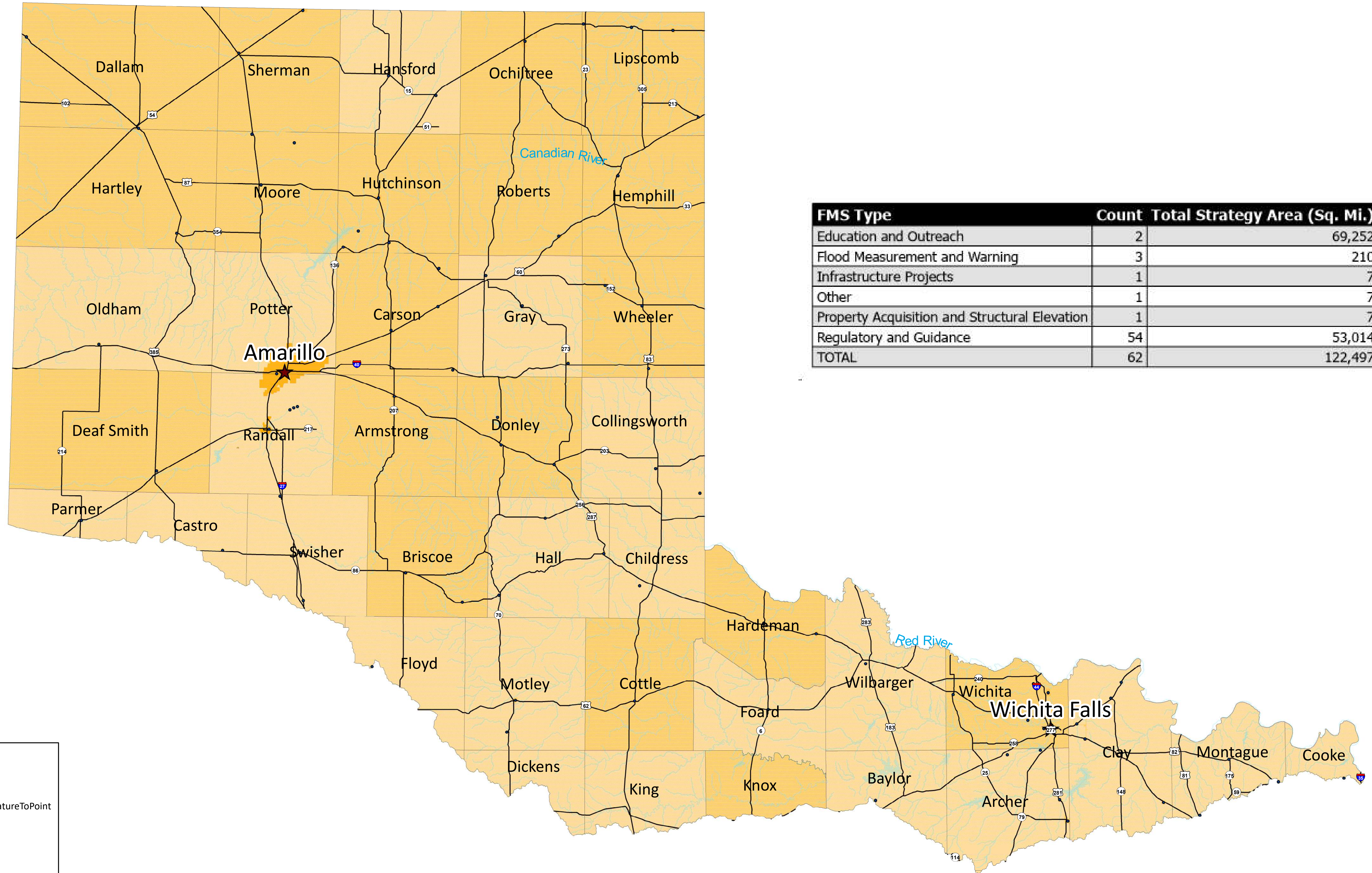
**Region 1 - Canadian - Upper Red
Extent of Potential Flood Mitigation Projects**

PROJECT NO: PPC21323
 FILE: Map17_FMP_Wichita_Falls
 DATE: 12/7/2022
 SCALE: 1:63,360
 DRAFTED: 08071

Map 17
 3 of 3

Appendix D-4 | D-4.3

Map 18 – Extent of Potential Flood Management Strategies



FMS Type	Count	Total Strategy Area (Sq. Mi.)
Education and Outreach	2	69,252
Flood Measurement and Warning	3	210
Infrastructure Projects	1	7
Other	1	7
Property Acquisition and Structural Elevation	1	7
Regulatory and Guidance	54	53,014
TOTAL	62	122,497

Legend

- FMS Extent*
- Major City
- Texas_Cities_FeatureToPoint
- Major Roads
- Rivers

*A darker shade represents overlapping FMS boundaries