Title City of Ector Property Buyout

ID# 021000054

Sponsor (name of entity, not person) City of Ector

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

# **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP**

#### **Study Details**

Study type

Other

Study description Acquire flood-prone properties for use as park areas.

New Hydrologic or Hydraulic model? No

Emergency Need? No

Existing/Anticipated models in near term? Yes

County Fannin

Watershed HUC# (if known) 111401010402

Drainage area (Square miles, est.) 1

Goal(s) 02005001, 02005002

#### **100-Year Flood Risk Summary**

Population at risk 13

# of structures 15

Critical facilities 0

Flood risk type:

Riverine? Yes

Coastal? No

Local? No

Playa? No

1

Other? No

Farm/Ranch land impacted (acres) 2

Roadway(s) impacted (length)

Number of low water crossings

Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** 

\$250,000

Amount of Available Funding -

Federal funding availability No





Title Anderson Creek WWTP Flood Study

ID# 021000026

Sponsor (name of entity, not person) City of De Kalb

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

#### **Study Details**

Study type

**Project Planning** 

Study description WWTP was impacted by flooding from Anderson Creek. Study to evaluate whether existing berm meets 100-year protection and to evaluate the needs for sump pumps and lift station.

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

County Bowie Watershed HUC# (if known) 111401060503,111403020403,111403020501

Drainage area (Square miles, est.) 6 Goal(s) 02006003, 02006004

#### **100-Year Flood Risk Summary**

Population at risk 12 # of structures 10 Critical facilities 1

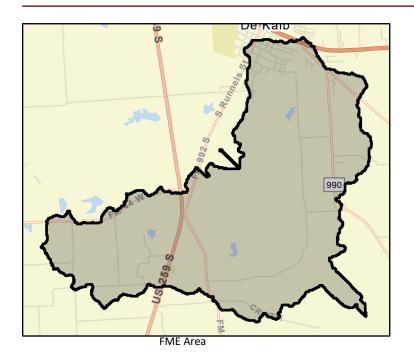
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 80 Roadway(s) impacted (length) 2

Number of low water crossings Historical road closures -99,999

#### **Estimated Cost and Funding Availability**

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





Title Bowie County FIS

ID# 021000018

Sponsor (name of entity, not person) Bowie County, City of De Kalb

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### **Study Details**

Study type

Watershed Planning

Study description Update County maps to Zone AE

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

County Bowie Watershed HUC# (if known)

Drainage area (Square miles, est.) 920 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 6,678 # of structures 2,657 Critical facilities 19

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

Farm/Ranch land impacted (acres) 30,919 Roadway(s) impacted (length) 314

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** \$2,282,000 Amount of Available Funding -Federal funding availability No





Title Camp County FIS

ID# 021000011

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) Camp County

RFPG recommend? Yes Reason for Recommendation

**Increases Mapping Coverage** 

#### **Study Details**

Study type Watershed Planning

Study description Develop FIS for the County

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

County Camp Watershed HUC# (if known) 111403050203,111403050201,111403050310,111403050302,111403050

Drainage area (Square miles, est.) 203 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 429 # of structures 256 Critical facilities 4

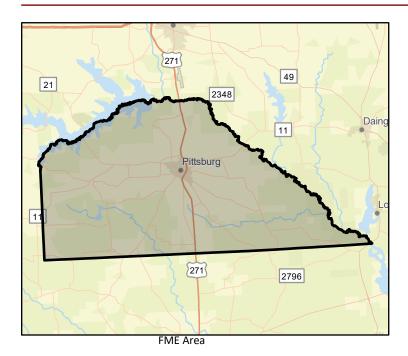
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 359 Roadway(s) impacted (length) 30

Number of low water crossings 1 Historical road closures -

#### **Estimated Cost and Funding Availability**

Total Cost \$465,000 Amount of Available Funding - Federal funding availability No





Title Cass County FIS ID# 021000017

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

Sponsor (name of entity, not person) Cass County

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

#### **Study Details**

Study type Watershed Planning

Study description Update County maps to Zone AE

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

Watershed HUC# (if known) County Cass

Drainage area (Square miles, est.) 957 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Critical facilities 12 Population at risk 1,595 # of structures 574

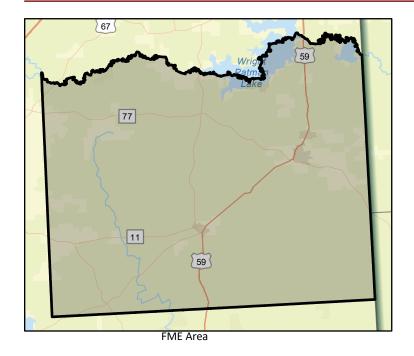
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 859 Roadway(s) impacted (length) 159

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** \$2,419,000 Amount of Available Funding -Federal funding availability No





Title City of Atlanta High School Lane Project/Phase No. 2

ID# 021000039

Sponsor (name of entity, not person) City of Atlanta

RFPG recommend? Yes Reason for Recommendation

Reason for Recommendation Reduces Flood Risk

# REGIONAL FLOOD PLANNING GROUP REGION 2

#### **Study Details**

Study type Project Planning

Study description Perform channel improvements between Hwy 77 & Main St

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

County Cass Watershed HUC# (if known) 111403040201,111403040202,111403020702

Drainage area (Square miles, est.) 4 Goal(s) 02006001, 02006002. 02006003, 02006004

#### **100-Year Flood Risk Summary**

Population at risk 731 # of structures 92 Critical facilities 2

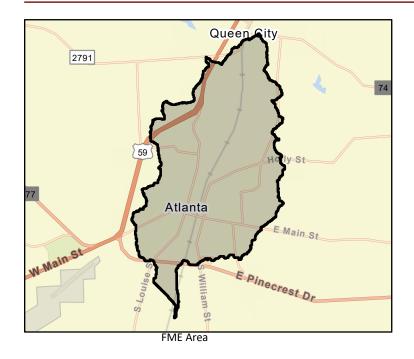
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 3

Number of low water crossings 6 Historical road closures -99,999

#### **Estimated Cost and Funding Availability**

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





Title City of Clarksville Deleware Creek

ID# 021000021

Sponsor (name of entity, not person) City of Clarksville

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

### **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

#### **Study Details**

Study type

**Preparedness** 

Study description Debris, Vegetation Removal, and Channelization

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

County Red River Watershed HUC# (if known) 111403020206

Drainage area (Square miles, est.) 2 Goal(s) 02005003, 02005004

#### **100-Year Flood Risk Summary**

Critical facilities 0 Population at risk 67 # of structures 71

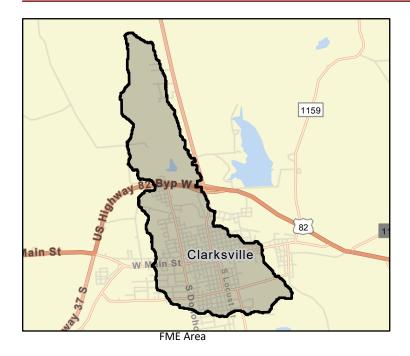
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 5 Roadway(s) impacted (length) 2

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** \$25,000 Amount of Available Funding -Federal funding availability No





Title City of Hooks Infrastructure

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) City of Hooks

RFPG recommend? Yes Reason for Recommendation Reduc

Reduces Flood Risk

#### **Study Details**

ID# 021000030

Study type Project Planning

Study description Widen ditches to increase the volume capacity of flash flood waters

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

County Bowie Watershed HUC# (if known) 111401060604

Drainage area (Square miles, est.) 2 Goal(s) 02005003, 02005004

#### **100-Year Flood Risk Summary**

Population at risk 379 # of structures 174 Critical facilities 0

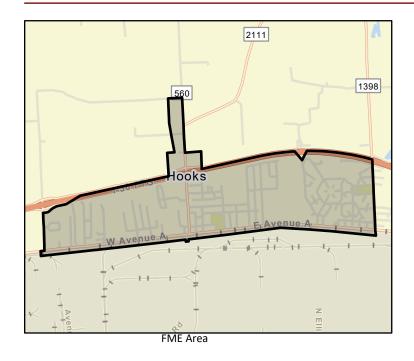
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

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

Number of low water crossings 0 Historical road closures -

#### **Estimated Cost and Funding Availability**

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





Title City of Nash Floodplain Study

ID# 021000063

Sponsor (name of entity, not person) City of Nash

RFPG recommend? Yes Reason for Recommendation **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

#### **Study Details**

Study type

Watershed Planning

Study description Drainage study to adopt floodplain.

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

Increases mapping coverage

County Bowie Watershed HUC# (if known) 111403020704,111403020705,111403020701

Drainage area (Square miles, est.) 3 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 274 # of structures 72 Critical facilities 1

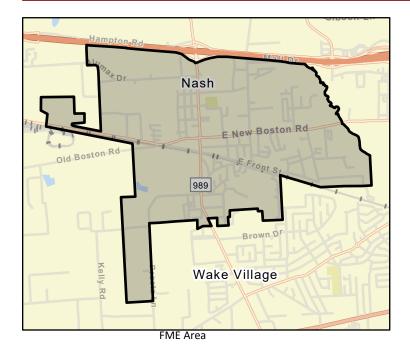
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

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

Number of low water crossings Historical road closures -99,999

#### **Estimated Cost and Funding Availability**

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





Title City of Paris Big Sandy Cr Tribs 4 and 6 Improvements

ID# 021000042

Sponsor (name of entity, not person) City of Paris

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

#### **Study Details**

Study type

**Project Planning** 

Study description Re-grade channel downstream of Clarksville Ave. and establish concrete channel upstream of Clarksville Ave. Channel improvements in the upper portion of Tributary 4. Tributary 6 channel improvements and culvert replacement.

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

County Lamar Watershed HUC# (if known) 111403010405,111401010702

Drainage area (Square miles, est.) 1 Goal(s) 02006003, 02006004

#### **100-Year Flood Risk Summary**

Population at risk 677 # of structures 202 Critical facilities 1

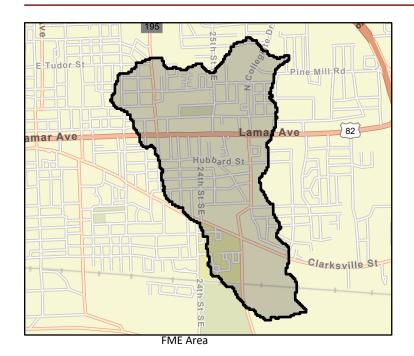
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

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

Number of low water crossings Historical road closures -99,999

#### **Estimated Cost and Funding Availability**

**Total Cost** \$253,000 Amount of Available Funding -Federal funding availability No





Title City of Texarkana Buyout Study

ID# 021000038

Sponsor (name of entity, not person) Bowie County

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### **Study Details**

Study type

Other

Study description Study to prepare a strategy and develop a program for voluntary purchase of at-risk properties

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

County Bowie Watershed HUC# (if known)

Drainage area (Square miles, est.) 920 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 6,678 # of structures 2,657 Critical facilities 19

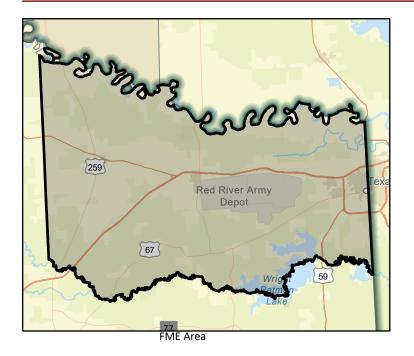
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 30,919 Roadway(s) impacted (length) 314

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

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





Title City of Texarkana Gauges

ID# 021000060

Sponsor (name of entity, not person) City of Texarkana

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

### **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

#### **Study Details**

Study type

**Preparedness** 

Study description Install depth gauges and radio-controlled guard arms at three flood-prone underpasses and warning lights and a "Do Not Enter" sign at flood-prone residential intersection.

New Hydrologic or Hydraulic model? No Emergency Need? No Existing/Anticipated models in near term? No County Bowie Watershed HUC# (if known) 111402010201,111403020704,111401060604,111403020705,111403020 Drainage area (Square miles, est.) 32 Goal(s) 02002001, 02002002

#### **100-Year Flood Risk Summary**

Population at risk 4,532 # of structures 836 Critical facilities 9

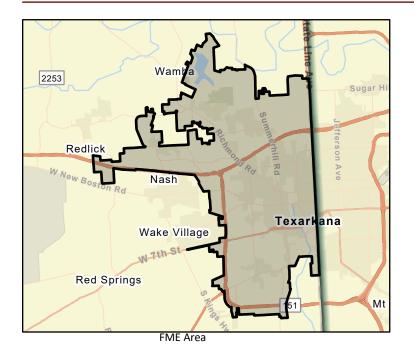
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 41 Roadway(s) impacted (length) 48

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** \$100,000 Amount of Available Funding -Federal funding availability No





Title Cowhorn Creek East ID# 021000032

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

Sponsor (name of entity, not person) City of Texarkana

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

#### **Study Details**

Study type

Watershed Planning

Study description Extend current H&H study limits to the upstream detention pond. Evaluate existing flooding and develop mitigation actions.

New Hydrologic or Hydraulic model? Yes

Emergency Need? No

Existing/Anticipated models in near term? Yes

County Bowie

Watershed HUC# (if known) 111402010201,111403020704

Drainage area (Square miles, est.) 5

Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 1,678

# of structures 247

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)

Number of low water crossings

Historical road closures

-99,999

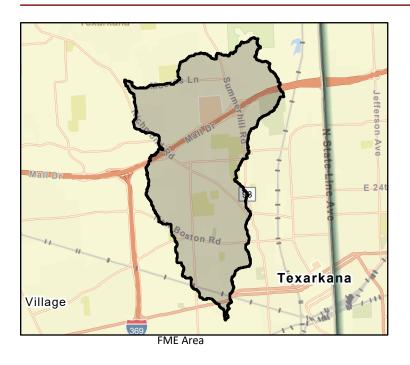
#### **Estimated Cost and Funding Availability**

**Total Cost** 

\$250,000

Amount of Available Funding -

Federal funding availability No





Title Cowhorn West Creek

ID# 021000035

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) City of Texarkana

RFPG recommend? Yes Reason for Recommendation II

Increases mapping coverage

#### **Study Details**

Study type Watershed Planning

Study description Arroyo Street additional modeling to address flooding

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

County Bowie Watershed HUC# (if known) 111402010201,111403020704

Drainage area (Square miles, est.) 5 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 1,678 # of structures 247 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) 9

Number of low water crossings 0 Historical road closures -99,999

#### **Estimated Cost and Funding Availability**

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





Title De Kalb Stormwater Drainage

ID# 021000027

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) City of De Kalb

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

#### **Study Details**

Study type Watershed Planning

Study description Citywide evaluation of flooding impacts on streets and drainage structures

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

County Bowie Watershed HUC# (if known) 111401060503,111403020501

Drainage area (Square miles, est.) 1 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 3 # of structures 2 Critical facilities 0

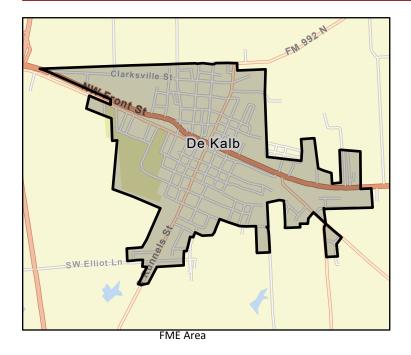
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

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

Number of low water crossings 0 Historical road closures -

#### **Estimated Cost and Funding Availability**

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





Title Delta County FIS

ID# 021000006

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) Delta County

RFPG recommend? Yes Reason for Recommendation

**Increases Mapping Coverage** 

#### **Study Details**

Study type Watershed Planning

Study description Develop FIS for the County

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

County Delta Watershed HUC# (if known) 111403010106,111403010206,111403010407,111403010204,111403010

Drainage area (Square miles, est.) 277 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 82 # of structures 121 Critical facilities 2

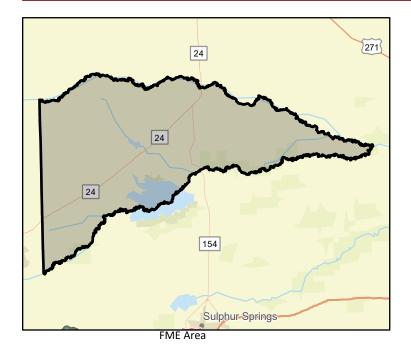
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 14,657 Roadway(s) impacted (length) 42

Number of low water crossings 8 Historical road closures -

#### **Estimated Cost and Funding Availability**

Total Cost \$682,000 Amount of Available Funding - Federal funding availability No





Title Fannin County FIS

ID# 021000003

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) Fannin County

RFPG recommend? Yes Reason for Recommendation

Increases mapping coverage

#### **Study Details**

Study type Watershed Planning

Study description Update County maps to Zone AE

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

County Fannin Watershed HUC# (if known)

Drainage area (Square miles, est.) 897 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 2,014 # of structures 1,077 Critical facilities 18

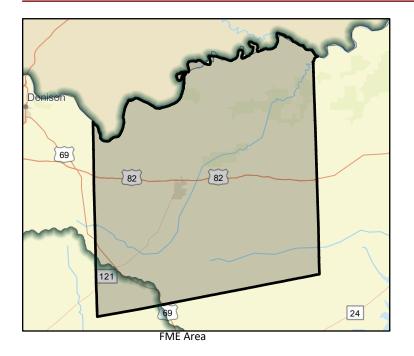
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 37,511 Roadway(s) impacted (length) 170

Number of low water crossings 26 Historical road closures -

#### **Estimated Cost and Funding Availability**

Total Cost \$2,471,000 Amount of Available Funding - Federal funding availability No





Title Franklin County FIS

ID# 021000009

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) Franklin County

RFPG recommend? Yes Reason for Recommendation

Increases mapping coverage

#### **Study Details**

Study type Watershed Planning

Study description Develop FIS for the County

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

County Franklin Watershed HUC# (if known) 111403010407,111403030201,111403030202,111403030111,111403030

Drainage area (Square miles, est.) 294 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 2,160 # of structures 455 Critical facilities 1

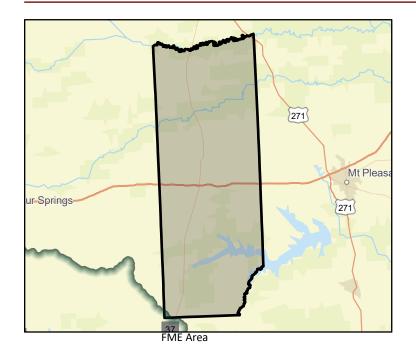
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 1,573 Roadway(s) impacted (length) 39

Number of low water crossings 5 Historical road closures -

#### **Estimated Cost and Funding Availability**

Total Cost \$666,000 Amount of Available Funding - Federal funding availability No





Title Grayson County Buyout of Repetitive Flood Properties

ID# 021000057

Sponsor (name of entity, not person) Grayson County

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### **Study Details**

Study type

Other

Study description Work with local jurisdiction in the buy-out of repetitive flood properties. This includes any structures found to be located in flood areas that are in incorporated and unincorporated areas.

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

Watershed HUC# (if known) County Grayson

Drainage area (Square miles, est.) 977 Goal(s) 02005001, 02005002

#### **100-Year Flood Risk Summary**

Critical facilities 23 Population at risk 9,464 # of structures 2,569

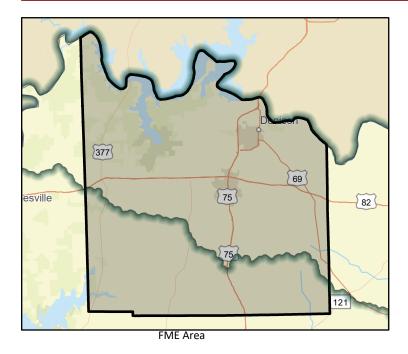
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

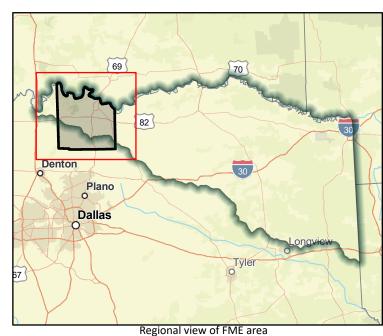
Farm/Ranch land impacted (acres) 10,335 Roadway(s) impacted (length) 181

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

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





Title Grayson County FIS

ID# 021000002

Sponsor (name of entity, not person) Grayson County

RFPG recommend? Yes Reason for Recommendation

Increases mapping coverage

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

#### **Study Details**

Study type

Watershed Planning

Study description Update or improve County to Zone AE

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

Watershed HUC# (if known) County Grayson

Drainage area (Square miles, est.) 977 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Critical facilities 23 Population at risk 9,464 # of structures 2,569

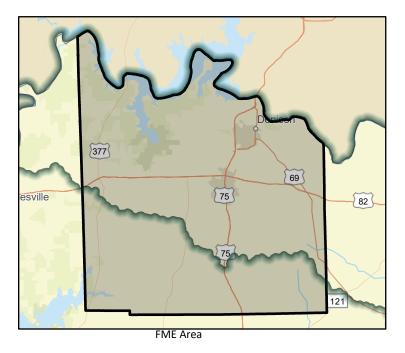
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

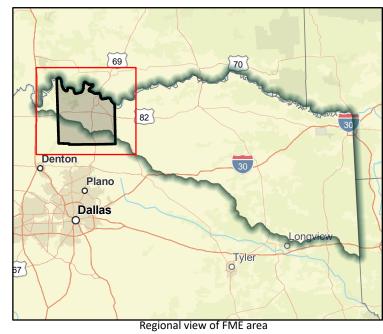
Roadway(s) impacted (length) Farm/Ranch land impacted (acres) 10,335 181

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** \$2,313,000 Amount of Available Funding -Federal funding availability No





Title Harrison County FIS

ID# 021000015

Sponsor (name of entity, not person) Harrison County

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

# **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP**

#### **Study Details**

Study type

Watershed Planning

Study description Update County maps to Zone AE

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

Watershed HUC# (if known) County Harrison

Drainage area (Square miles, est.) 912 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Critical facilities 6 Population at risk 1,254 # of structures 898

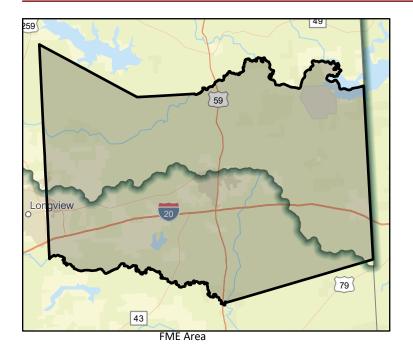
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 255 Roadway(s) impacted (length) 97

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** \$2,162,000 Amount of Available Funding -Federal funding availability No





Title Harrison County Property Acquisition

ID# 021000058

Sponsor (name of entity, not person) Harrison County

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

#### **Study Details**

Study type

Other

Study description Acquisition and management strategies of land to preserve open space within Region 2 for flood mitigation and water quality in the floodplain.

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

Watershed HUC# (if known) County Harrison

Drainage area (Square miles, est.) 912 Goal(s) 02005001, 02005002

#### **100-Year Flood Risk Summary**

Population at risk 1,254 # of structures 898 Critical facilities 6

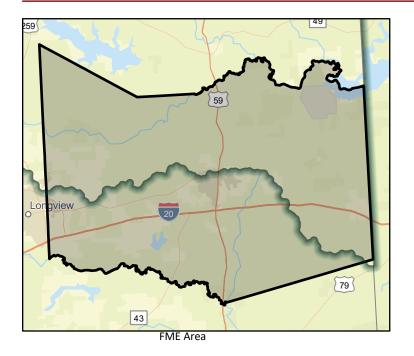
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 255 Roadway(s) impacted (length) 97

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

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





Title Hopkins County FIS

ID# 021000007

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) Hopkins County

RFPG recommend? Yes Reason for Recommendation

Increases mapping coverage

#### **Study Details**

Study type Watershed Planning

Study description Update County maps to Zone AE

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

County Hopkins Watershed HUC# (if known)

Drainage area (Square miles, est.) 791 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 4,454 # of structures 702 Critical facilities 5

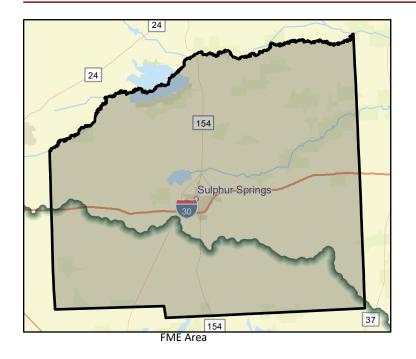
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 8,634 Roadway(s) impacted (length) 149

Number of low water crossings 3 Historical road closures -

#### **Estimated Cost and Funding Availability**

Total Cost \$2,061,000 Amount of Available Funding - Federal funding availability No





Title Lamar County FIS

ID# 021000005

Sponsor (name of entity, not person) Lamar County

RFPG recommend? Yes Reason for Recommendation Increases Mapping Coverage

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Study Details

Study type Watershed Planning

Study description Update County maps to Zone AE

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

County Lamar Watershed HUC# (if known)

Drainage area (Square miles, est.) 932 Goal(s) 02003001, 02003002

100-Year Flood Risk Summary

Population at risk 3,603 # of structures 1,644 Critical facilities 33

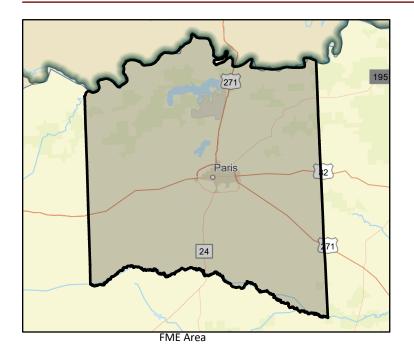
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 42,825 Roadway(s) impacted (length) 222

Number of low water crossings 15 Historical road closures -

**Estimated Cost and Funding Availability** 

Total Cost \$2,465,000 Amount of Available Funding - Federal funding availability No





Title Marion County Barriers

ID# 021000059 Sponsor (name of entity, not person) Marion County

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### **Study Details**

Study type **Preparedness** 

Study description Install low water crossing barriers, similar to railroad crossing barriers.

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

Watershed HUC# (if known) County Marion

Drainage area (Square miles, est.) 419 Goal(s) 02002001, 02002002

#### **100-Year Flood Risk Summary**

Critical facilities 4 Population at risk 360 # of structures 313

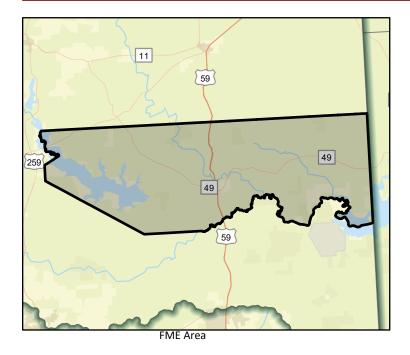
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 137 Roadway(s) impacted (length) 48

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** \$100,000 Amount of Available Funding -Federal funding availability No





Title Marion County FIS

ID# 021000016

Sponsor (name of entity, not person) Marion County

RFPG recommend? Yes Reason for Recommendation Ir

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Increases Mapping Coverage

#### **Study Details**

Study type Watershed Planning

Study description Develop FIS for the County

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

County Marion Watershed HUC# (if known)

Drainage area (Square miles, est.) 419 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 360 # of structures 313 Critical facilities 4

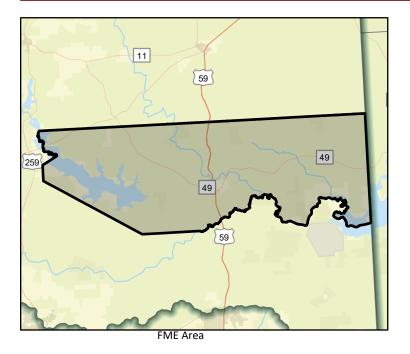
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 137 Roadway(s) impacted (length) 48

Number of low water crossings 1 Historical road closures

#### **Estimated Cost and Funding Availability**

Total Cost \$851,000 Amount of Available Funding - Federal funding availability No





Title Morris County FIS

REGIONAL FLOOD
PLANNING GROUP
PEGION 2

Sponsor (name of entity, not person) Morris County

RFPG recommend? Yes Reason for Recommendation

Increases mapping coverage

#### **Study Details**

ID# 021000019

Study type Watershed Planning

Study description Update County maps to Zone AE

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

County Morris Watershed HUC# (if known) 111403030207,111403050208,111403050310,111403050305,111403050

Drainage area (Square miles, est.) 257 Goal(s) 02003001, 02003002

#### **100-Year Flood Risk Summary**

Population at risk 277 # of structures 234 Critical facilities 6

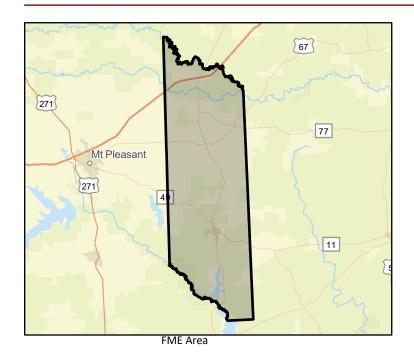
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 395 Roadway(s) impacted (length) 38

Number of low water crossings 2 Historical road closures -

#### **Estimated Cost and Funding Availability**

Total Cost \$804,000 Amount of Available Funding - Federal funding availability No





Title Nash Unnamed Stream 1

ID# 021000024

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) Bowie County

RFPG recommend? Yes Reason for Recommendation Reduc

Reduces Flood Risk

#### **Study Details**

Study type Preparedness

Study description Debris, Vegetation Removal, and Channelization

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

County Bowie Watershed HUC# (if known) 111403020704,111403020705,111403020701

Drainage area (Square miles, est.) 1 Goal(s) 02005003, 02005004

#### **100-Year Flood Risk Summary**

Population at risk 0 # of structures 1 Critical facilities 0

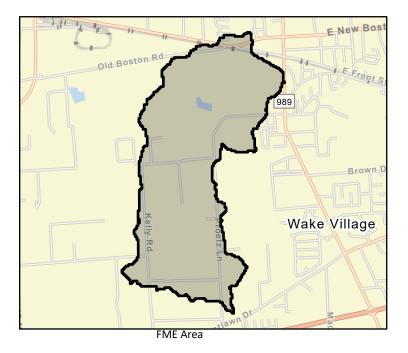
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

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

Number of low water crossings 0 Historical road closures

#### **Estimated Cost and Funding Availability**

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





Title Nash Unnamed Stream 2

ID# 021000025

Sponsor (name of entity, not person) Bowie County

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

# **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP**

#### **Study Details**

Study type

**Preparedness** 

Study description Debris, Vegetation Removal, and Channelization

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

County Bowie Watershed HUC# (if known) 111403020704,111403020705,111403020701

Drainage area (Square miles, est.) 1 Goal(s) 02005003, 02005004

#### **100-Year Flood Risk Summary**

Critical facilities 0 Population at risk 0 # of structures 1

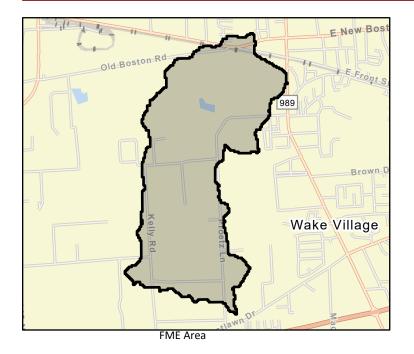
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

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

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

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





Title New Boston Unnamed Stream 1

ID# 021000022

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) City of New Boston

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

**Study Details** 

Study type Preparedness

Study description Debris, Vegetation Removal, and Channelization

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

County Bowie Watershed HUC# (if known) 111401060505,111403020503,111403020603

Drainage area (Square miles, est.) 4 Goal(s) 02005003, 02005004

**100-Year Flood Risk Summary** 

Population at risk 20 # of structures 22 Critical facilities 0

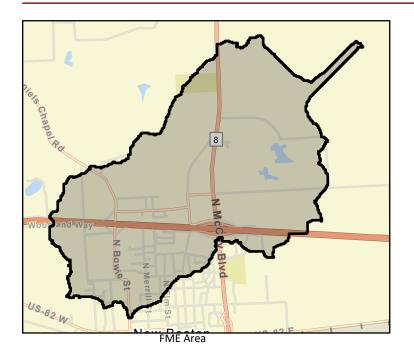
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 5 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures

#### **Estimated Cost and Funding Availability**

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





Title New Boston Unnamed Stream 2

ID# 021000023

Sponsor (name of entity, not person) City of New Boston

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

# **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP**

#### **Study Details**

Study type

**Preparedness** 

Study description Debris, Vegetation Removal, and Channelization

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

County Bowie Watershed HUC# (if known) 111401060505,111403020503,111403020603

Drainage area (Square miles, est.) 1 Goal(s) 02005003, 02005004

#### **100-Year Flood Risk Summary**

Critical facilities 0 Population at risk 21 # of structures 8

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

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

Number of low water crossings Historical road closures

#### **Estimated Cost and Funding Availability**

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





Title North Sulphur River Channel Stability and Flooding Study

ID# 021000062

Sponsor (name of entity, not person) Sulphur River Basin Authority

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### **Study Details**

Study type

**Preparedness** 

Study description Channel stability along North Sulphur River and Highway 24

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

Watershed HUC# (if known) County Lamar, Delta, Fannin

Drainage area (Square miles, est.) 520 Goal(s) 02003001, 02003002

#### 100-Year Flood Risk Summary

Critical facilities 19 Population at risk 2,011 # of structures 915

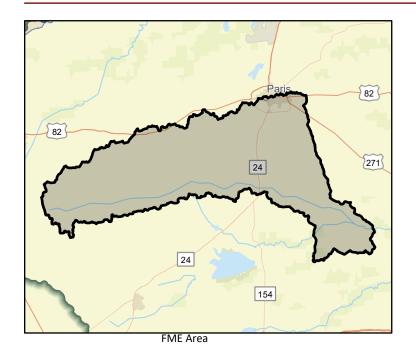
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

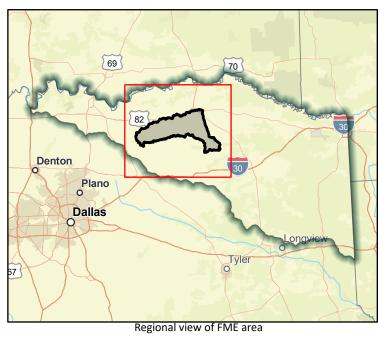
Farm/Ranch land impacted (acres) 31,563 Roadway(s) impacted (length) 85

Number of low water crossings Historical road closures -99,999

#### **Estimated Cost and Funding Availability**

**Total Cost** \$950,000 Amount of Available Funding -Federal funding availability No





Title Pecan to Waggoner Creek Channel Improvements

ID# 021000064

Sponsor (name of entity, not person) City of Nash

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

# **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP**

#### **Study Details**

Study type

**Project Planning** 

Study description Channel improvements east of Pecan to Waggoner Creek.

New Hydrologic or Hydraulic model? Yes

Emergency Need? No

Existing/Anticipated models in near term? Yes

County Bowie

Watershed HUC# (if known) 111402010201,111403020704,111401060604,111403020701

Drainage area (Square miles, est.) 9

Goal(s) 02006003, 02006004

#### 100-Year Flood Risk Summary

Population at risk 412

# of structures 154

Critical facilities 1

Flood risk type:

Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 17

Roadway(s) impacted (length)

Number of low water crossings

Historical road closures

-99,999

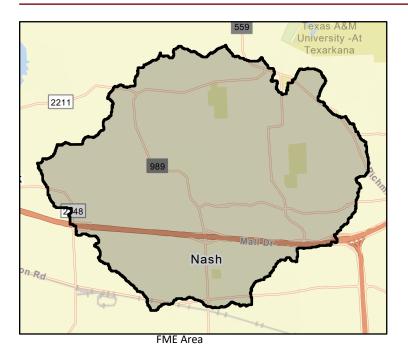
#### **Estimated Cost and Funding Availability**

**Total Cost** 

\$250,000

Amount of Available Funding -

Federal funding availability No





Title Pig Branch Watershed Culvert Study Update

ID# 021000066

Sponsor (name of entity, not person) City of Bonham

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

#### **Study Details**

Study type

Watershed Planning

Study description Study to provide the city with updated drainage information to alleviate existing and potential flood damages for various crossings.

New Hydrologic or Hydraulic model? Yes

Emergency Need? No

Existing/Anticipated models in near term? Yes

County Fannin

Watershed HUC# (if known) 111401010504,111401010503

Drainage area (Square miles, est.) 5

Goal(s) 02003001, 02003002

#### 100-Year Flood Risk Summary

Population at risk 2,104

# of structures 128

Critical facilities 4

Flood risk type:

Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 146

Roadway(s) impacted (length) 5

-99,999

Number of low water crossings

Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** 

\$250,000

Amount of Available Funding -

Federal funding availability No





Title Red River County FIS

ID# 021000008

Sponsor (name of entity, not person) Red River County

RFPG recommend? Yes Reason for Recommendation Increases Mapping Coverage

### **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

#### **Study Details**

Study type

Watershed Planning

Study description Develop FIS for the County

New Hydrologic or Hydraulic model? Yes

Emergency Need? No

Existing/Anticipated models in near term? Yes

County Red River

Watershed HUC# (if known)

Drainage area (Square miles, est.) 1,055

Goal(s) 02003001, 02003002

#### 100-Year Flood Risk Summary

Population at risk 336

# of structures 391

Critical facilities 5

Flood risk type:

Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 24,045

Roadway(s) impacted (length)

157

Number of low water crossings

Historical road closures

#### **Estimated Cost and Funding Availability**

**Total Cost** 

\$2,606,000

Amount of Available Funding -

Federal funding availability No





Title Red River Levee and Navigation System

ID# 021000029

Sponsor (name of entity, not person) City of De Kalb, Red River Valley Association

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### **Study Details**

Study type

**Project Planning** 

Study description Study flood mitigation benefits of a levee and navigation system on the Lower Red, based on planning by USACE

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

County Bowie Watershed HUC# (if known)

Drainage area (Square miles, est.) 118 Goal(s) 02006001, 02006002

#### 100-Year Flood Risk Summary

Population at risk 159 # of structures 154 Critical facilities 1

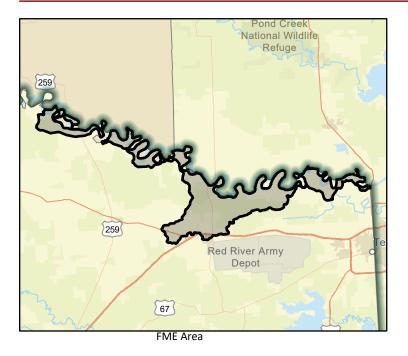
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 15,300 Roadway(s) impacted (length) 26

Number of low water crossings Historical road closures -99,999

#### **Estimated Cost and Funding Availability**

**Total Cost** \$4,000,000 Amount of Available Funding -Federal funding availability No





Title South Sulphur River Log Jams

ID# 021000065

Sponsor (name of entity, not person) Sulphur River Basin Authority

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

## **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2**

### **Study Details**

Study type

**Preparedness** 

Study description Log and debris jams along South Sulphur River near FM 71

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

County Franklin, Hopkins, Delta Watershed HUC# (if known)

Drainage area (Square miles, est.) 197 Goal(s) 02005003, 02005004

### 100-Year Flood Risk Summary

Critical facilities 3 Population at risk 927 # of structures 322

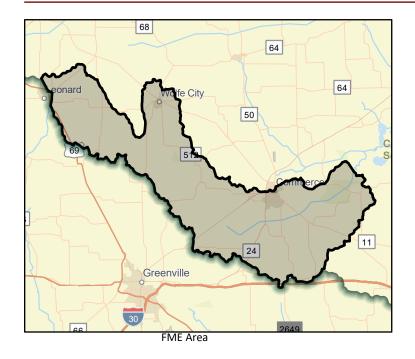
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 2,977 Roadway(s) impacted (length) 49

Number of low water crossings Historical road closures -99,999

### **Estimated Cost and Funding Availability**

**Total Cost** \$550,000 Amount of Available Funding -Federal funding availability No





Title Stream WC-1

ID# 021000037

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Sponsor (name of entity, not person) City of Texarkana

RFPG recommend? Yes Reason for Recommendation

Reduces Flood Risk

### **Study Details**

Study type Project Planning

Study description Street flooding near McKnight and Jonathan Street. Storm drain system evaluation and development of alternatives to increase

community access for 40-50 houses.

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

County Bowie Watershed HUC# (if known) 111403020704

Drainage area (Square miles, est.) 1 Goal(s) 02003001, 02003002

### 100-Year Flood Risk Summary

Population at risk 31 # of structures 8 Critical facilities 0

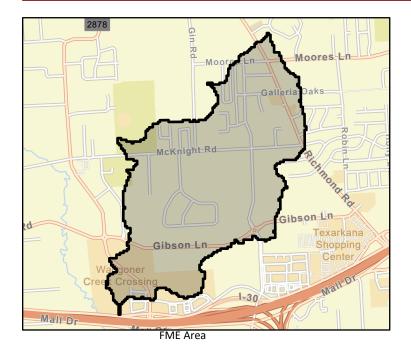
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

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

Number of low water crossings 0 Historical road closures -99,999

### **Estimated Cost and Funding Availability**

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





Title Sulphur River (Main Stem) Log Jams

ID# 021000020

Sponsor (name of entity, not person) Sulphur River Basin Authority

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

# **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP**

### **Study Details**

Study type

**Preparedness** 

Study description Log and debris jams along Sulphur River near Highway 37

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

County Franklin, Hopkins, Delta

Watershed HUC# (if known) 111403010407,111403030202,111403030204,111403020102,111403020

Drainage area (Square miles, est.) 67 Goal(s) 02005003, 02005004

### 100-Year Flood Risk Summary

Population at risk 26 # of structures 23 Critical facilities 1

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

Farm/Ranch land impacted (acres) 2,524 Roadway(s) impacted (length)

Number of low water crossings Historical road closures -99,999

### **Estimated Cost and Funding Availability**

**Total Cost** \$550,000 Amount of Available Funding -Federal funding availability No





Title Titus County FIS

ID# 021000010

Sponsor (name of entity, not person) Titus County

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

### **Study Details**

Study type

Watershed Planning

Study description Update County maps to Zone AE

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

Watershed HUC# (if known) County Titus

Drainage area (Square miles, est.) 425 Goal(s) 02003001, 02003002

### 100-Year Flood Risk Summary

Critical facilities 8 Population at risk 2,178 # of structures 596

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

Farm/Ranch land impacted (acres) 1,570 Roadway(s) impacted (length) 87

Number of low water crossings Historical road closures

### **Estimated Cost and Funding Availability**

**Total Cost** \$1,219,000 Amount of Available Funding -Federal funding availability No





Title Upshur County Drainage

ID# 021000031

Sponsor (name of entity, not person) Upshur County

RFPG recommend? Yes Reason for Recommendation

on Reduces Flood Risk

# REGIONAL FLOOD PLANNING GROUP REGION 2

### **Study Details**

Study type Proje

**Project Planning** 

Study description Raise elevations and improve drainage for certain roads and streets within Region 2

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

County Upshur Watershed HUC# (if known)

Drainage area (Square miles, est.) 590 Goal(s) 02006001, 02006002

### 100-Year Flood Risk Summary

Population at risk 1,920 # of structures 425 Critical facilities 10

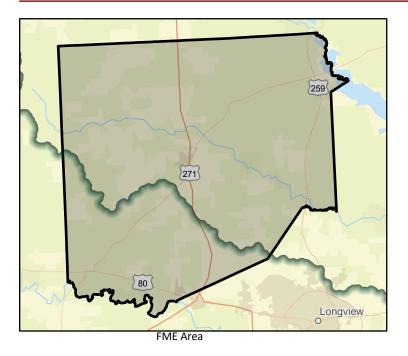
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 612 Roadway(s) impacted (length) 91

Number of low water crossings 3 Historical road closures -

### **Estimated Cost and Funding Availability**

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





Title Upshur County FIS

ID# 021000013

Sponsor (name of entity, not person) Upshur County

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

### **Study Details**

Study type

Watershed Planning

Study description Update County maps to Zone AE

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

Watershed HUC# (if known) County Upshur

Drainage area (Square miles, est.) 590 Goal(s) 02003001, 02003002

### 100-Year Flood Risk Summary

Critical facilities 10 Population at risk 1,920 # of structures 425

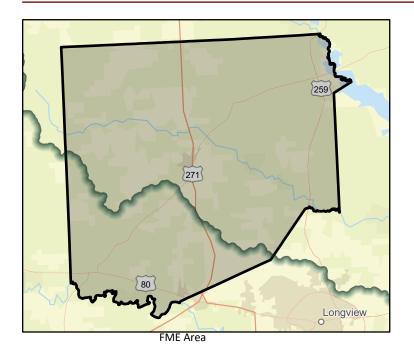
Playa? No Flood risk type: Riverine? Yes Coastal? No Local? No Other? No

Farm/Ranch land impacted (acres) 612 Roadway(s) impacted (length) 91

Number of low water crossings Historical road closures

### **Estimated Cost and Funding Availability**

**Total Cost** \$1,834,000 Amount of Available Funding -Federal funding availability No





Title Urban Flooding at 19th and Wood Street

ID# 021000034

Sponsor (name of entity, not person) City of Texarkana

RFPG recommend? Yes Reason for Recommendation Increases mapping coverage

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

### **Study Details**

Study type

**Project Planning** 

Study description Flood study to define flood risk and mitigation options. Houses flood 4-5 times per year.

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

County Bowie Watershed HUC# (if known) 111402010201,111403020704,111403020705

Drainage area (Square miles, est.) 5 Goal(s) 02003001, 02003002

### 100-Year Flood Risk Summary

Critical facilities 6 Population at risk 1,229 # of structures 226

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

Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (length) 10

Number of low water crossings Historical road closures -99,999

### **Estimated Cost and Funding Availability**

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





Title Wadley Hospital Flood Study

ID# 021000033 Sponsor (name of entity, not person) City of Texarkana

RFPG recommend? Yes Reason for Recommendation

Increases mapping coverage

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

### **Study Details**

Study type

**Project Planning** 

Study description Flood study to define flood risk and mitigation options.

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

County Bowie Watershed HUC# (if known) 111402010201,111403020704,111403020705

Drainage area (Square miles, est.) 5 Goal(s) 02003001, 02003002

### **100-Year Flood Risk Summary**

Critical facilities 6 Population at risk 1,229 # of structures 226

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

Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (length) 10

Number of low water crossings Historical road closures -99,999

### **Estimated Cost and Funding Availability**

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





# Flood Mitigation Project (FMP)

Title Ferguson Park Improvements

ID# 023000001 Sponsor City of Texarkana

LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Reduces flooding risks

### **Project Description**

Improvements to existing culverts and channelization

Watershed HUC# (if known) 111402010201,111403020704,11140106060

Emergency Need? No

Drainage area (mi² est.) 41

Associated FME's \_

County Bowie

Associated FMS's -

Associated FMP's -

### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	Yes	Coastal?	No	L	ocal? N	0		Playa?	No	Other? No	
Population at risk 2	2,373		# 0	f structures	387				Crit	ical facilities 5		
Farm/Ranch land in	npacted (acr	es) 0			Roadv	way(s) in	npacted (l	ength)	18			
Number of low wat	er crossings	6			Histor	rical road	d closures	715				

### 100-Year Flood Risk Reduction

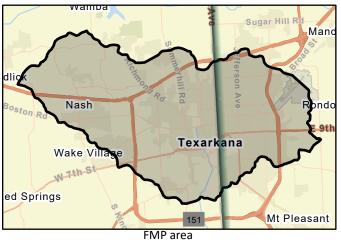
Population removed from 100-yr	330	# of structures removed from 100-yr	57
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	2	Low water crossings removed from 100-yr	0
Other benefits Recreational benefits		Reduction in # of road closures over 10 years	210

### **Impacts**

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	? No	Water supply contribution description	-

### **Estimated Cost**

Project Cost	\$11,983,000	% Natu	re-Based <mark>0</mark>	В	CR	0
Recurring costs	0	Issues	Utility conflicts a	and easeme	nt ac	cquisition



ea Regional view of FMP area



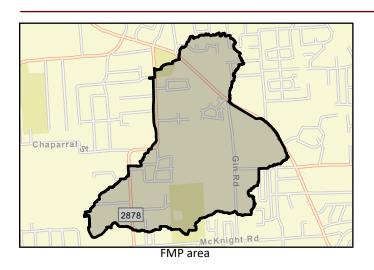
# Flood Mitigation Project (FMP)

Title Stream WC-2 Independence Circle & Lexington Place Bridge Improvements

REGIONAL FLOOD
PLANNING GROUP
REGION 2

ID#	023000003	Sponsor	City of	Texarkan	a			RE	EGION 2
RFPG r	ecommend? Ye	S		Reaso	on for Recommendati	on Redu	ces flooding risks		
Proje	ct Description	า							
Replac	e culverts at Inc	dependence	e Circle ar	nd Lexing	ton Place.				
Waters	hed HUC# (if kr	nown) 1114	10201020	1,111403	3020704	Emerg	ency Need? No		
						Draina	ge area (mi² est.) 1		
Associa	ited FME's					County	Bowie		
Associa	ated FMS's -					Associ	ated FMP's -		
Evicti	ng 100-Year F	lood Pick							
EXISUI	ig 100-fear F	IOOU NISK							
Flood	risk type: R	iverine?	'es	Co	pastal? No	Loc	al? No	Playa? No	Other? No
Popula	ation at risk 71				# of structures 2	.3		Critical faciliti	ies 0
Farm/	Ranch land imp	acted (acre	s) 0			Roadwa	y(s) impacted (length)	0	
Numb	er of low water	crossings	0			Historica	al road closures 31		
100-Y	ear Flood Ris	k Reduction	on						
Popula	ation removed f	rom 100-yr	19	9		# of	structures removed fi	rom 100-yr	6
	l facilities remo	-					n/Ranch land removed	•	
Roadı	removed from 1	.00-yr (mile					water crossings remo		0
Other	benefits Rec	reational be					uction in # of road clo		
Immo						-			
Impa Negati	ive impacts?	No		Negative	impacts description		No negative impact		
Ū	supply contribu			_	ipply contribution de	scription	-		
ESTIM	ated Cost								
Project	Cost \$540	000			9/	6 Nature-F	Based O	BCR 1	

Issues No significant implementation issues



Recurring costs 26000



# Flood Mitigation Project (FMP)

Title Wagner Channel/Overbank Clearing

ID# 023000002 Sponsor City of Texarkana

LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Reduces flooding risks

### **Project Description**

Removal of all trees and brush within proposed corridor along Wagner Creek

Watershed HUC# (if known) 111402010201,111403020704,11140106060 E

Emergency Need? No

Drainage area (mi<sup>2</sup> est.) 27

Associated FME's

County Bowie

Associated FMS's -

Associated FMP's -

### **Existing 100-Year Flood Risk**

Flood risk type:	Riverine?	Yes	Coastal?	No	L	Local? N	lo		Playa?	No	Other? No	
Population at risk	2,066		# 0	f structures	305				Crit	ical facilities 2		
Farm/Ranch land in	mpacted (acı	res) 0			Roadv	way(s) ii	mpacted (ler	ngth)	18			
Number of low wa	ter crossings	6			Histor	rical roa	d closures 7	715				

### 100-Year Flood Risk Reduction

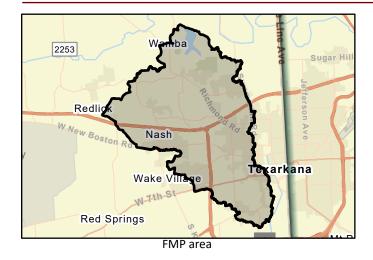
Population removed from 100-yr	305	# of structures removed from 100-yr	44
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)	2	Low water crossings removed from 100-yr	0
Other benefits Recreational benefits		Reduction in # of road closures over 10 years	209

### **Impacts**

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	? No	Water supply contribution description	-

### **Estimated Cost**

Project Cost	\$978,000	% Nature-Based 0	BCR 1	
Recurring cost	s 15000	Issues No significant imple	nentation issues	





Title Bowie County NFIP Involvement

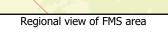
Sponsor Rowie County

Sponsor Rowie County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

### ID# 022000012 Sponsor Bowie County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 920 Watershed HUC# (if known) County **Bowie Existing 100-Year Flood Risk** Critical facilities 19 Population at risk 9,746 # of structures 2,657 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 30,919 Roadway(s) impacted (miles) 314 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based





Dallas

Title Camp County NFIP Involvement

ID# 022000013 Sponsor Camp County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available

# Strategy type Regulatory and Guidance Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's - Associated FMS's - Associated FMS's - Drainage area (mi², est.) Watershed HUC# (if known) 111403050203,111403050201,111403050310,111403050202,1114030502 County Camp

### **Existing 100-Year Flood Risk**

Population at risk 619	# of structures	256		Critical facilities 4						
Flood risk type: Riverine? Ye	Coa	stal? No	Local?	No	Playa?	No	Other?	No		
Farm/Ranch land impacted (acres) 359				mpacted (miles)	30	30				
Number of low water crossings			Historical roa	d closures	-99,999					

### 100-Year Flood Risk Reduction

Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits None		Reduction in # of road closures over 10 years	-99,999

### **Impacts**

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

### **Estimated Cost**

11

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based 0
	271 2348 Pittsburg	Daing O		

FMS area Regional view of FMS area

2796

Dallas

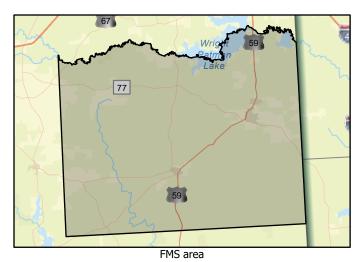
Cass County NFIP Involvement Title ID# 022000014

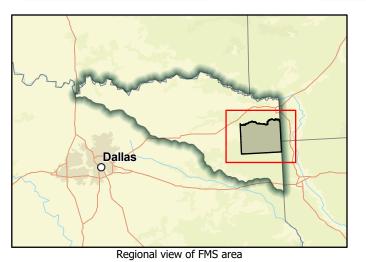
**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD REGION 2** 

**PLANNING GROUP** Sponsor Cass County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 957 Watershed HUC# (if known) County Cass **Existing 100-Year Flood Risk** 574 Critical facilities 12 Population at risk 2,148 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 859 Roadway(s) impacted (miles) 160 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** 

Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**





City of Avinger NFIP Involvement Title ID# 022000001 Sponsor City of Avinger **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

### **REGION 2** RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 111403050405,111403060206,111403060207 County Cass **Existing 100-Year Flood Risk** # of structures Critical facilities 0 Population at risk 8 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based





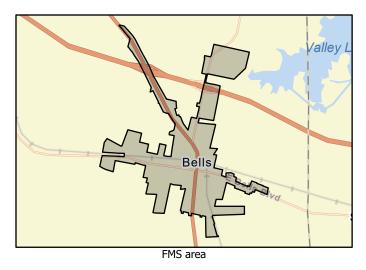
Regional view of FMS area

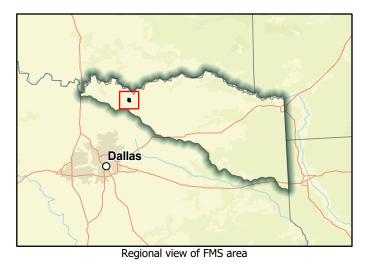
City of Bells NFIP Involvement Title ID# 022000002 Sponsor City of Bells **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

**REGION 2** RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 11140101015,111401010403 County Grayson **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 33 # of structures 13 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** 

Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**





City of Bonham Floodplain Manager Title 022000071 Sponsor City of Bonham **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

Fannin

County

RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk** 

### **Strategy Details**

Associated FMS's

ID#

Regulatory and Guidance Strategy type Strategy description Establish a floodplain manager for the city to regulate floodplain development and provide public information concerning flood areas. Associated FME's Associated FMP's

Drainage area (mi², est.) 10

Watershed HUC# (if known) 111401010504,111401010503

### **Existing 100-Year Flood Risk**

Critical facilities 3 Population at risk 1,898 # of structures 151 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 91 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999

### 100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999

### **Impacts**

Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**





Title City of Commerce CRS Involvement

ID# 022000031 Sponsor City of Commerce

REGIONAL FLOOD
PLANNING GROUP
REGION 2

County

Hunt

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### 

### **Existing 100-Year Flood Risk**

Population at risk 1,179		# of structures	79		Critical	facilities 1		
Flood risk type: Riverine?	s Coast	al? No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	66		Roadway(s) ir	npacted (miles)	10			
Number of low water crossings	0		Historical roa	d closures	-99,999			

### 100-Year Flood Risk Reduction

Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits None		Reduction in # of road closures over 10 years	-99,999

### **Impacts**

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

### **Estimated Cost**

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based 0
		153		

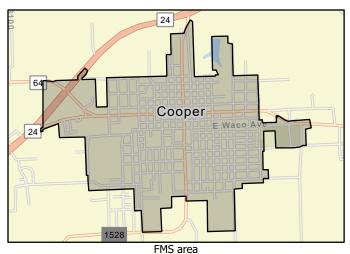




City of Cooper NFIP Involvement Title ID# 022000003 Sponsor City of Cooper **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

### RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 111403010207,111403010401 County Delta **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 11 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 8 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding

% Nature-Based



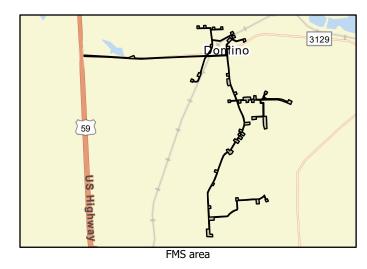


City of Domino NFIP Involvement Title ID# 022000004 Sponsor City of Domino **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 111403020702,111403020703 County Cass **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 0 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** 

Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**





City of Douglassville NFIP Involvement Title ID# 022000006

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

Sponsor City of Douglassville RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 111403020605,111403020606 County Cass **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 2 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 5 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**





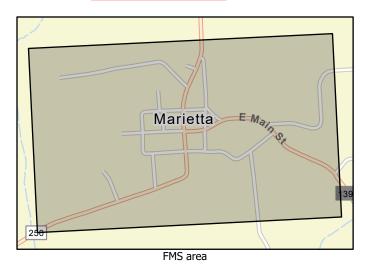
City of Marietta NFIP Involvement Title 022000008

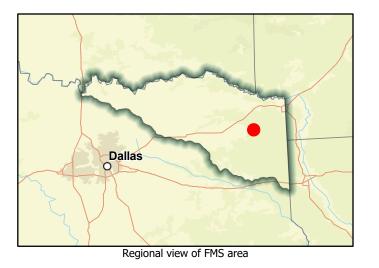
**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP** 

**REGION 2** ID# Sponsor City of Marietta RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 111403060202 County Cass **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 0 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 **Impacts** 

Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**





Title City of Sadler Lift Station Flood-Proofing

ID# 022000074 Sponsor City of Sadler

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **Strategy Details**

Strategy type
Strategy description
Raise electrical panels and connections on lift stations above expected flood levels in flood-prone areas.

Associated FME's
Associated FMS's
Watershed HUC# (if known)

Acquisition and Structural Elevation

Associated FMO's

Associated FMP's

Drainage area (mi², est.)

County

Grayson

### **Existing 100-Year Flood Risk**

Critical facilities 0 Population at risk 2 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999

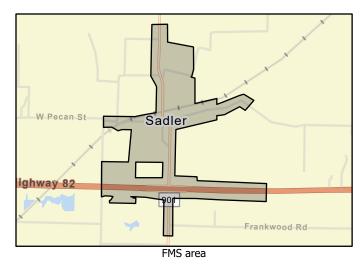
### 100-Year Flood Risk Reduction

### **Impacts**

 Negative impacts?
 No
 Negative impacts description
 No negative impact

 Water supply contributions?
 No
 Water supply contribution description

### **Estimated Cost**





Title City of Sherman Emergency Alerts

ID# 022000052 Sponsor City of Sherman

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **Strategy Details**

Strategy type Flood Measurement and Warning

Strategy description Maintain and Operate Early Alert System - an outdoor warning system composed of nine sirens throughout the City. Public

announcements through the reverse telephonic system and through broadcasting local cable channels.

uniodifications through the reverse telephonic system and through productioning local caste chamies

Associated FME's - Associated FMP's -

Associated FMS's

Drainage area (mi², est.)

46

Watershed HUC# (if known) 120301060201,111302100402,111302100403,111401010106,1114010101

County Grayson

No

### **Existing 100-Year Flood Risk**

Population at risk 7,004 # of structures 772 Critical facilities 5

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

Farm/Ranch land impacted (acres) 381 Roadway(s) impacted (miles) 39

Number of low water crossings 2 Historical road closures -99,999

### 100-Year Flood Risk Reduction

Population removed from 100-yr -99,999 # of structures removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999

Farm/Ranch land removed from 100-yr (acres) -99,999

Road removed from 100-yr (miles)

-99,999

Low water crossings removed from 100-yr

-99,999

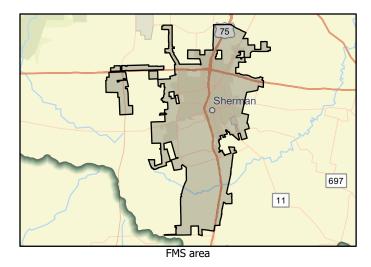
Other benefits None Reduction in # of road closures over 10 years -99,999

### Impacts

Negative impacts ? No Negative impacts description No negative impact

Water supply contributions? No Water supply contribution description

### **Estimated Cost**





**Existing 100-Year Flood Risk** 

100-Year Flood Risk Reduction

Title City of Sherman NFIP Involvement

ID# 022000009 Sponsor City of Sherman

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available

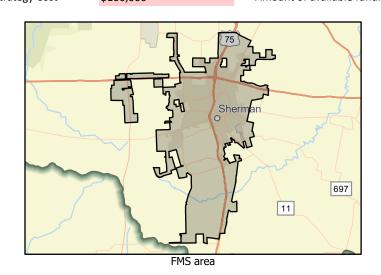
# Strategy Details Strategy type Regulatory and Guidance Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's - Associated FMS's - Associated FMS's - Drainage area (mi², est.) Watershed HUC# (if known) 120301060201,111302100402,111302100403,111401010106,1114010101 County Grayson

Population at risk 7,004	# of structures	772	Critical facilities 5		
Flood risk type: Riverine? Ye	Coastal? No	Local? No	Playa? No	Other? No	
Farm/Ranch land impacted (acres) 381		Roadway(s) impacted (miles	39	39	
Number of low water crossings	2	Historical road closures	-99,999		

Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits None		Reduction in # of road closures over 10 years	-99,999

Impacts			
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	

Estimated Cost					
Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based	0





Title City of Tom Bean NFIP Involvement

ID# 022000010 Sponsor City of Tom Bean

REGIONAL FLOOD
PLANNING GROUP
REGION 2

ID# 022000010 Sponsor City of Tom Bean RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301060104,111401010105 County Grayson **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 3 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr

Population removed from 100-yr -99,999 # of structures removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999

Road removed from 100-yr (miles) -99,999

Low water crossings removed from 100-yr -99,999

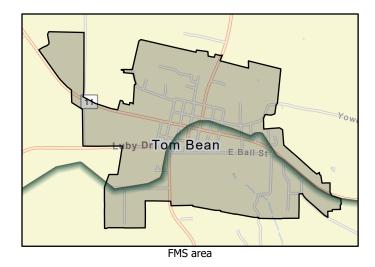
Other benefits None Reduction in # of road closures over 10 years -99,999

### **Impacts**

 Negative impacts?
 No
 Negative impacts description
 No negative impact

 Water supply contributions?
 No
 Water supply contribution description

### **Estimated Cost**





Title City of Whitewright CRS Involvement

REGIONAL FLOOD
PLANNING GROUP
REGION 2

ID# 022000032 Sponsor City of Whitewright RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details** Regulatory and Guidance Strategy type Strategy description Become an NFIP Community Rating System (CRS) Community Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301060104,111401010501 County Grayson **Existing 100-Year Flood Risk** Critical facilities 1 Population at risk 299 # of structures 17 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 6 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999

Population removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999

Road removed from 100-yr (miles) -99,999

Other benefits None

# of structures removed from 100-yr -99,999

Farm/Ranch land removed from 100-yr (acres) -99,999

Low water crossings removed from 100-yr -99,999

Reduction in # of road closures over 10 years -99,999

### **Impacts**

Negative impacts? No

Negative impacts description

No negative impact

Water supply contributions? No Water supply contribution description

### **Estimated Cost**

Strategy Cost \$100,000

Amount of available funding

% Nature-Based 0





Title City of Winfield NFIP

ID# 022000076 Sponsor Titus County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Drainage area (mi², est.)

County

1

**Titus** 

REPG recommend? Yes Reason for Recommendation Reduces Flood Risk

Strategy Details

Strategy type Regulatory and Guidance
Strategy description Participate in NFIP

Associated FME's - Associated FMP's - Associated FMS's -

Watershed HUC# (if known) 111403030203,111403050204

**Existing 100-Year Flood Risk** 

# of structures Critical facilities 1 Population at risk 0 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999

100-Year Flood Risk Reduction

Impacts

 Negative impacts?
 No
 Negative impacts description
 No negative impact

 Water supply contributions?
 No
 Water supply contribution description

**Estimated Cost** 





City of Wolfe NFIP Involvement Title ID# 022000011

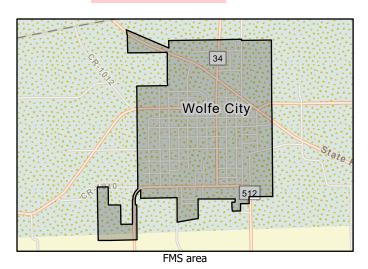
**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

Sponsor City of Wolfe RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 111403010103 County Hunt **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 16 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** 

Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**

Strategy Cost \$100,000 Amount of available funding





% Nature-Based 0

Creation of Region Wide Stormwater Management Manual Title 022000083 Sponsor Ark - Tex Council of Goverments

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk** 

**Strategy Details** 

ID#

Regulatory and Guidance Strategy type

Strategy description Creation of stormwater management manual and assistance to Region 2 communities for adoption.

Associated FME's Associated FMP's

Associated FMS's

Drainage area (mi², est.) 9,160 Watershed HUC# (if known) County Bowie, Camp, Cass,

### **Existing 100-Year Flood Risk**

Critical facilities 159 Population at risk 51,360 # of structures 13,438

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

Farm/Ranch land impacted (acres) 180,986 Roadway(s) impacted (miles) 1,924

Number of low water crossings Historical road closures -99,999

### 100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999

Road removed from 100-yr (miles)

-99,999 Low water crossings removed from 100-yr -99,999 Other benefits

Reduction in # of road closures over 10 years **Environmental benefits** -99,999

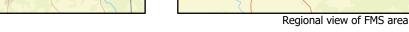
### **Impacts**

Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description

### **Estimated Cost**

Strategy Cost \$500,000 Amount of available funding % Nature-Based 0





Dallas

Title Delta County NFIP Involvement

ID# 022000016 Sponsor Delta County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

Other?

No

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available

# Strategy type Regulatory and Guidance Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's - Associated FMS's - Associated FMS's - Drainage area (mi², est.) Watershed HUC# (if known) 111403010106,111403010206,111403010407,111403010204,1114030104 County Delta

# Existing 100-Year Flood Risk Population at risk 85 # of structures 121

# of structures 121 Critical facilities 2

Riverine? Yes Coastal? No Local? No Playa? No

Farm/Ranch land impacted (acres) 14,658 Roadway(s) impacted (miles) 42

Number of low water crossings 8 Historical road closures -99,999

### 100-Year Flood Risk Reduction

Population removed from 100-yr -99,999 # of structures removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999

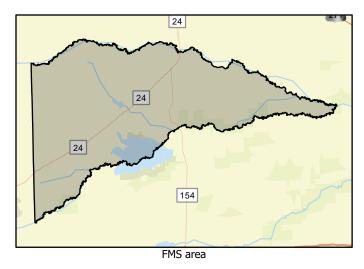
Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999

Other benefits None Reduction in # of road closures over 10 years -99,999

### Impacts

Flood risk type:

### **Estimated Cost**





Title Fannin County Floodplain Manager

ID# 022000073 Sponsor Fannin County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **Strategy Details**

Strategy type Regulatory and Guidance

Strategy description Apply for assistance in establishing a Certified Countywide Floodplain Manager position. Funding for the continuation of the

position would be from permit fees and local budgets. The focus of this role would be to mitigate flooding and protect the flood

Associated FME's - Associated FMP's -

Associated FMS's

Drainage area (mi², est.)

897

Watershed HUC# (if known)

County Fannin

### **Existing 100-Year Flood Risk**

Flood risk type:

Population at risk 3,040 # of structures 1,077 Critical facilities 18

Riverine? Yes Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 37,510 Roadway(s) impacted (miles) 170

Number of low water crossings 26 Historical road closures -99,999

### 100-Year Flood Risk Reduction

Population removed from 100-yr -99,999 # of structures removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999

Road removed from 100-yr (miles) \_\_99,999 Low water crossings removed from 100-yr \_\_99,999

Other benefits None Reduction in # of road closures over 10 years -99,999

### Impacts

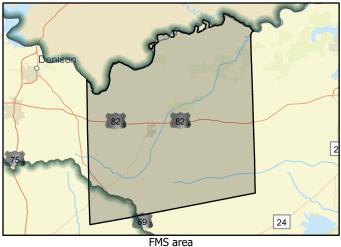
Negative impacts?

No Negative impacts description

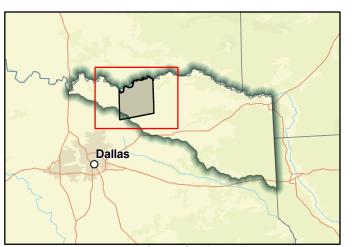
No negative impact

Water supply contributions? No Water supply contribution description -

### **Estimated Cost**





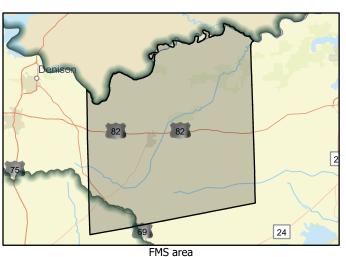


Title Fannin County NFIP Involvement

O22000017 Sponsor Fannin County

LOWER RED-SULPHUR-CYPRESS
REGIONAL FLOOD
PLANNING GROUP
REGION 2

### ID# 022000017 Sponsor Fannin County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 897 Watershed HUC# (if known) County Fannin **Existing 100-Year Flood Risk** Critical facilities 18 Population at risk 3,040 # of structures 1,077 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 37,510 Roadway(s) impacted (miles) 170 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -99,999 -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0



Regional view of FMS area

Dallas

Title Flood Safety Awareness Education

ID# 022000081 Sponsor City of Denison

REGIONAL FLOOD
PLANNING GROUP
REGION 2

County

30

Grayson

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **Strategy Details**

Strategy type Education and Outreach

Strategy description Educate the public on flood safety

Associated FME's - Associated FMP's -

Associated FMS's

Drainage area (mi², est.)

Watershed HUC# (if known) 111302100402, 111302100504, 111302100505, 111401010106,

111401010104, 111401010201, 111401010202

### **Existing 100-Year Flood Risk**

Population at risk 3,266 # of structures 355 Critical facilities 2

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

Farm/Ranch land impacted (acres) 107 Roadway(s) impacted (miles) 29

Number of low water crossings 2 Historical road closures -99,999

### 100-Year Flood Risk Reduction

Population removed from 100-yr -99,999 # of structures removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999

Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999

Other benefits None Reduction in # of road closures over 10 years -99,999

### **Impacts**

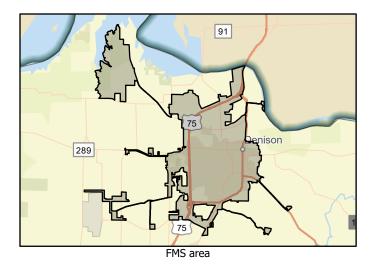
Negative impacts?

No Negative impacts description

No negative impact

Water supply contributions? No Water supply contribution description -

### **Estimated Cost**





**Existing 100-Year Flood Risk** 

100-Year Flood Risk Reduction

Title Franklin County NFIP Involvement

ID# 022000018 Sponsor Franklin County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available

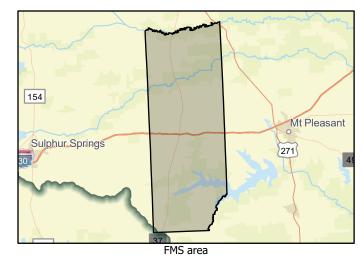
# Strategy type Regulatory and Guidance Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's - Associated FMS's - Drainage area (mi², est.) Watershed HUC# (if known) Tranklin

•									
Population at risk 2,507		# of	fstructures	455		Critical f	acilities 1		
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 1,573			Roadway(s) in	npacted (miles)	39				
Number of low water crossings 5		Historical road	d closures	-99,999					

Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits None		Reduction in # of road closures over 10 years	-99,999

Impacts			
Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

Strategy Cost \$100,000 Amount			
71100,000	of available funding \$-	6 Nature-Based	0





Grayson County Flood Warning and Public Safety Improvements Title

LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD PLANNING GROUP REGION 2** 

Sponsor Grayson County

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

### **Strategy Details**

022000070

ID#

Strategy type	Flood Measurement and Warning					
Strategy description	Create an improved gauge notification system. Increase public awareness before occurrences and during flooding.					
Associated FME's	-	Associated FMP's	-			
Associated FMS's	-					
Watershed HUC# (if known)			Drainage area (mi², est.)	977		
watershed floc# (ii knowii)			County	Grayson		

### **Existing 100-Year Flood Risk**

Population at risk 12,470		# of	f structures	2,569		Critical f	acilities	23	
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 10,335		Roadway(s) impacted (miles) 181							
Number of low water crossings	8			Historical road	d closures	-99,999			

### 100-Year Flood Risk Reduction

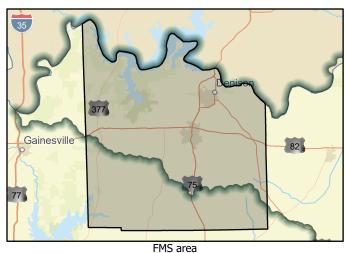
Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits None		Reduction in # of road closures over 10 years	-99,999

### **Impacts**

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	

### **Estimated Cost**

\$250,000 Amount of available funding \$-Strategy Cost % Nature-Based 0

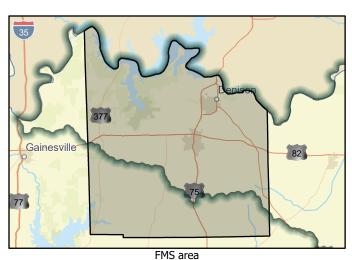




**Grayson County NFIP Involvement** Title

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### ID# 022000019 Sponsor Grayson County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 977 Watershed HUC# (if known) County Grayson **Existing 100-Year Flood Risk** Critical facilities 23 Population at risk 12,470 # of structures 2,569 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 10,335 Roadway(s) impacted (miles) 181 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





Harrison County NFIP Involvement Title

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### ID# 022000021 Sponsor Harrison County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 912 Watershed HUC# (if known) County Harrison **Existing 100-Year Flood Risk** 898 Critical facilities 6 Population at risk 2,056 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 255 Roadway(s) impacted (miles) 97 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -99,999 -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost**

Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





Title Hopkins County NFIP Involvement

ID# 022000022 Sponsor Hopkins County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available

# Strategy type Regulatory and Guidance Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's - Associated FMS's - Drainage area (mi², est.) Watershed HUC# (if known) Watershed HUC# (if known)

## Existing 100-Year Flood Risk

Population at risk 5,081 # of s		f structures	702 Critical facilities 5						
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 8,635			Roadway(s) in	npacted (miles)	148				
Number of low water crossings 3		Historical road	d closures	-99,999					

#### 100-Year Flood Risk Reduction

Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits None		Reduction in # of road closures over 10 years	-99,999

#### **Impacts**

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	-

## **Estimated Cost**

69

FMS area

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based 0
	24 154 Sulphur S	prings		

Regional view of FMS area

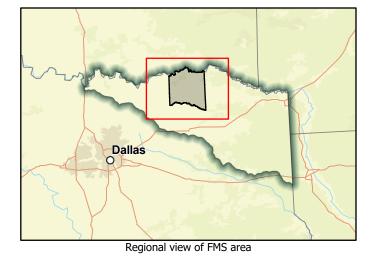
Dallas

Title Lamar County NFIP Involvement

REGIONAL FLOOD
PLANNING GROUP
REGION 2

#### **REGION 2** ID# 022000024 Sponsor Lamar County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 932 Watershed HUC# (if known) County Lamar **Existing 100-Year Flood Risk** Critical facilities 33 Population at risk 5,441 # of structures 1,644 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 42,831 Roadway(s) impacted (miles) 222 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0



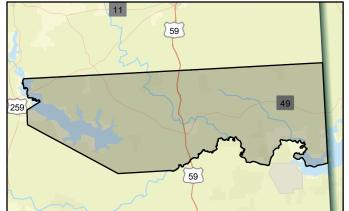


Title Marion County NFIP Involvement

ID# 022000025 Sponsor Marion County

REGIONAL FLOOD
PLANNING GROUP
REGION 2

#### ID# Sponsor Marion County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 419 Watershed HUC# (if known) County Marion **Existing 100-Year Flood Risk** Critical facilities 4 Population at risk 452 # of structures 313 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 137 Roadway(s) impacted (miles) 48 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0



FMS area

Dallas

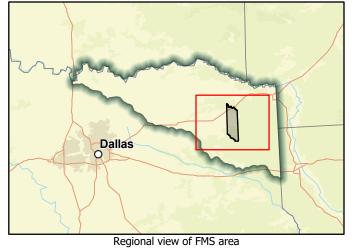
Regional view of FMS area

Title Morris County NFIP Involvement

REGIONAL FLOOD
PLANNING GROUP
REGION 2

#### ID# 022000026 Sponsor Morris County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 257 Watershed HUC# (if known) 111403030207,111403030208,111403050310,111403050305,1114030503 County Morris **Existing 100-Year Flood Risk** 234 Critical facilities 6 Population at risk 419 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 395 Roadway(s) impacted (miles) 38 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 **Impacts** Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based





Title Public NFIP Education

ID# 022000082 Sponsor Ark - Tex Council of Governments

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

## **Strategy Details**

Strategy type

Strategy description

Educate the public on the NFIP program and the importance of purchasing flood insurance

Associated FME's

Associated FMS's

Watershed HUC# (if known)

County

Educate the public on the NFIP program and the importance of purchasing flood insurance

Associated FMP's

Drainage area (mi², est.)

Sowie, Camp, Cass,

## **Existing 100-Year Flood Risk**

Population at risk 51,360 #		tures 13,438	13,438		lities 159		
Flood risk type: Riverine? Yes	Coastal? No	Local?	No	Playa? N	0	Other?	No
Farm/Ranch land impacted (acres) 180,986		Roadway(s) im	Roadway(s) impacted (miles)		1,924		
Number of low water crossings 116		Historical road	closures	-99,999			

#### 100-Year Flood Risk Reduction

Population removed from 100-yr	-99,999	# of structures removed from 100-yr	-99,999
Critical facilities removed from 100-yr	-99,999	Farm/Ranch land removed from 100-yr (acres)	-99,999
Road removed from 100-yr (miles)	-99,999	Low water crossings removed from 100-yr	-99,999
Other benefits None		Reduction in # of road closures over 10 years	-99,999

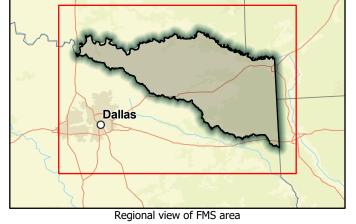
## **Impacts**

Negative impacts?	No	Negative impacts description	No negative impact
Water supply contributions?	No	Water supply contribution description	

## **Estimated Cost**

Strategy Cost	\$100,000	Amount of available funding	\$-	% Nature-Based 0
	69			385-7





Title Red River County NFIP Involvement

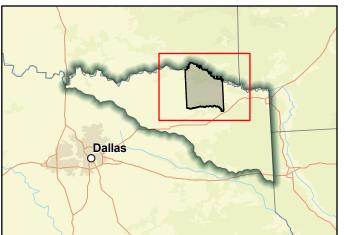
REGIONAL FLOOD
PLANNING GROUP
REGION 2

#### ID# 022000027 Sponsor Red River County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 1,055 Watershed HUC# (if known) County Red River **Existing 100-Year Flood Risk** Critical facilities 5 Population at risk 374 # of structures 391 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 24,045 Roadway(s) impacted (miles) 157 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0



FMS area

Regional view of FMS area



Title Regional Flood Warning System Study

ID# 022000084 Sponsor Ark - Tex Council of Governments

REGIONAL FLOOD
PLANNING GROUP
REGION 2

County

Bowie, Camp, Cass,

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

**Strategy Details** 

Strategy type Flood Measurement and Warning

Strategy description Evaluate the potential for future flood warning systems in the region

Associated FME's - Associated FMP's -

Associated FMS's

Watershed HUC# (if known)

Drainage area (mi², est.)

9,160

**Existing 100-Year Flood Risk** 

Population at risk 51,360 # of structures 13,438 Critical facilities 159

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

Farm/Ranch land impacted (acres) 180,986 Roadway(s) impacted (miles) 1,924

Number of low water crossings 116 Historical road closures -99,999

#### 100-Year Flood Risk Reduction

Population removed from 100-yr -99,999 # of structures removed from 100-yr -99,999

Critical facilities removed from 100-yr -99,999

Farm/Ranch land removed from 100-yr (acres) -99,999

-33,333

Road removed from 100-yr (miles)

-99,999

Low water crossings removed from 100-yr

-99,999

Other benefits None Reduction in # of road closures over 10 years -99,999

## **Impacts**

#### **Estimated Cost**

Strategy Cost \$250,000 Amount of available funding \$- % Nature-Based 0



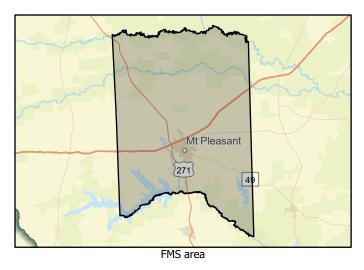


Titus County NFIP Involvement Title 022000028

**LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

#### ID# Sponsor Titus County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details** Regulatory and Guidance Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 425 Watershed HUC# (if known) County **Titus Existing 100-Year Flood Risk** 596 Critical facilities 8 Population at risk 2,890 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 1,570 Roadway(s) impacted (miles) 87 Number of low water crossings Historical road closures -99,999 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 **Impacts** Negative impacts? Negative impacts description No negative impact Water supply contributions? No Water supply contribution description **Estimated Cost**

Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





Title Turn Around/Don't Drown

ID# 022000080 Sponsor Ark - Tex Council of Governments

REGIONAL FLOOD
PLANNING GROUP
REGION 2

RFPG recommend? Yes Reason for Recommendation Reduces Flood Risk

## **Strategy Details**

Strategy type

Education and Outreach

Educate the public on the Turn-Around/Don't Drown program

Associated FME's

Associated FMS's

Watershed HUC# (if known)

Educate the public on the Turn-Around/Don't Drown program

Associated FMP's

Drainage area (mi², est.)

County

Bowie, Camp, Cass,

## **Existing 100-Year Flood Risk**

Critical facilities 159 Population at risk 51,360 # of structures 13,438 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 180,986 Roadway(s) impacted (miles) 1,924 Number of low water crossings Historical road closures -99,999

#### 100-Year Flood Risk Reduction

## **Impacts**

 Negative impacts?
 No
 Negative impacts description
 No negative impact

 Water supply contributions?
 No
 Water supply contribution description

#### **Estimated Cost**

Strategy Cost \$100,000 Amount of available funding \$- % Nature-Based 0





**Upshur County NFIP** Title ID# 022000079 Sponsor Upshur County **LOWER RED-SULPHUR-CYPRESS REGIONAL FLOOD PLANNING GROUP REGION 2** 

RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk** 

## **Strategy Details**

Regulatory and Guidance Strategy type

Riverine?

Strategy description The County Hazard Mitigation Officer will assist those cities within the county that are not participating in NFIP to take appropriate actions to qualify for and maintain participation in NFIP to have 100% participation within the county

Associated FME's Associated FMP's

Associated FMS's Drainage area (mi², est.) 590

Watershed HUC# (if known)

County

Upshur

-99,999

## **Existing 100-Year Flood Risk**

Flood risk type:

Critical facilities 10 Population at risk 2,262 # of structures 425

> Coastal? No Local? No Playa? No Other? No

Farm/Ranch land impacted (acres) 612 Roadway(s) impacted (miles) 91

Number of low water crossings Historical road closures -99,999

#### 100-Year Flood Risk Reduction

Population removed from 100-yr # of structures removed from 100-yr -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999

Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999

Other benefits Reduction in # of road closures over 10 years None -99,999

#### **Impacts**

Negative impacts? Negative impacts description No negative impact

Water supply contributions? No Water supply contribution description

## **Estimated Cost**

Strategy Cost \$100,000 Amount of available funding % Nature-Based 0



FMS area



Regional view of FMS area