

# Flood Management Strategy (FMS)



Title **Montague County Sewage Treatment Plants and Sewage Lift Stations Flood-Proofing Program**

ID# **032000055** Sponsor **Montague County**

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

## Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Flood-proof sewage treatment plants in flood hazard / low-lying areas within Region 3. Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE)		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi <sup>2</sup> , est.)	933
Watershed HUC# (if known)	120301060406,120301060408,120301060403	County	Montague

## Existing 100-Year Flood Risk

Population at risk	0	# of structures	0	Critical facilities	4
Flood risk type:	Riverine? <b>Yes</b>	Coastal? <b>No</b>	Local? <b>No</b>	Playa? <b>No</b>	Other? <b>No</b>
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (miles)	57		
Number of low water crossings	20	Historical road closures	-		

## 100-Year Flood Risk Reduction

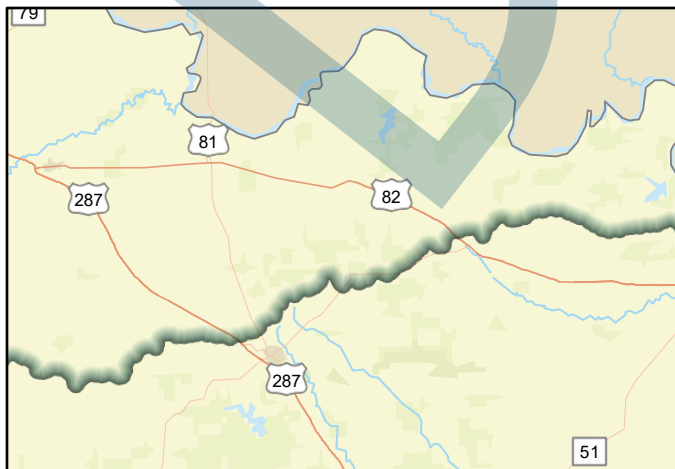
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

## Impacts

Negative impacts?	<b>No</b>	Negative impacts description	-
Water supply contributions?	<b>No</b>	Water supply contribution description	-

## Estimated Cost

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



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **San Jacinto County Voluntary Property Acquisition & Elevation Program**

ID# **032000056** Sponsor **Shepherd, San Jacinto County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Pursue voluntary acquisition projects for flood prone properties. Elevate homes in low lying or flood prone areas.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120302021207,120302021201** Drainage area (mi<sup>2</sup>, est.) **6**

County **San Jacinto**

## Existing 100-Year Flood Risk

Population at risk **702** # of structures **139** Critical facilities **3**

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

Farm/Ranch land impacted (acres) **55** Roadway(s) impacted (miles) **6**

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

## 100-Year Flood Risk Reduction

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

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

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

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

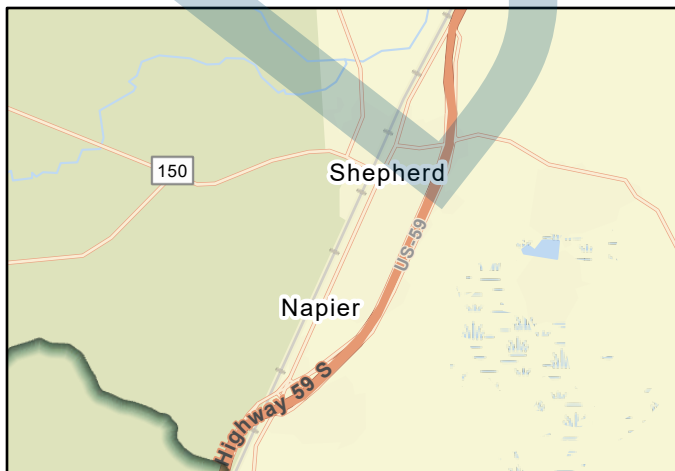
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Johnson County Acquisition of Flood Prone Structures**

ID# **032000057** Sponsor **Johnson County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire, relocate, and/or elevate flood prone structures**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301060406,120301060408,120301060403** Drainage area (mi<sup>2</sup>, est.) **731**

County **Johnson**

## Existing 100-Year Flood Risk

Population at risk **4,897** # of structures **1,851** Critical facilities **21**

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

Farm/Ranch land impacted (acres) **18,202** Roadway(s) impacted (miles) **62**

Number of low water crossings **418** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

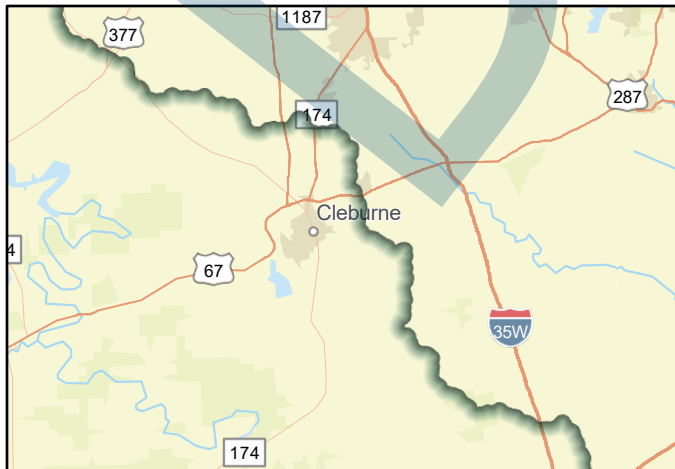
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title Acquisition of Repetitive Loss Properties in the Deep River Plantation Subdivision

ID# 032000058 Sponsor Walker County

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

## Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Acquire repetitive flood loss properties and properties prone to flooding in the Deep River Plantation Subdivision		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi <sup>2</sup> , est.)	798
Watershed HUC# (if known)	120302021207,120302021201	County	Walker

## Existing 100-Year Flood Risk

Population at risk	4,303	# of structures	1,654	Critical facilities	13
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	28,692	Roadway(s) impacted (miles)	59		
Number of low water crossings	15	Historical road closures	-		

## 100-Year Flood Risk Reduction

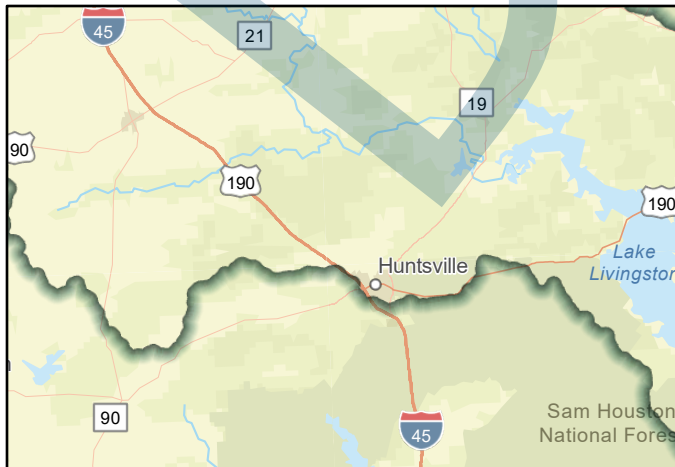
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

## Impacts

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

## Estimated Cost

Strategy Cost	\$5,000,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Anderson County Floodplain Acquisition and Preservation Program**

ID# **032000059** Sponsor **Anderson County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire and preserve open spaces adjacent to floodplain areas.**

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

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi<sup>2</sup>, est.) **1,073**

County **Anderson**

## Existing 100-Year Flood Risk

Population at risk **1,408** # of structures **667** Critical facilities **11**

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

Farm/Ranch land impacted (acres) **36,104** Roadway(s) impacted (miles) **73**

Number of low water crossings **32** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

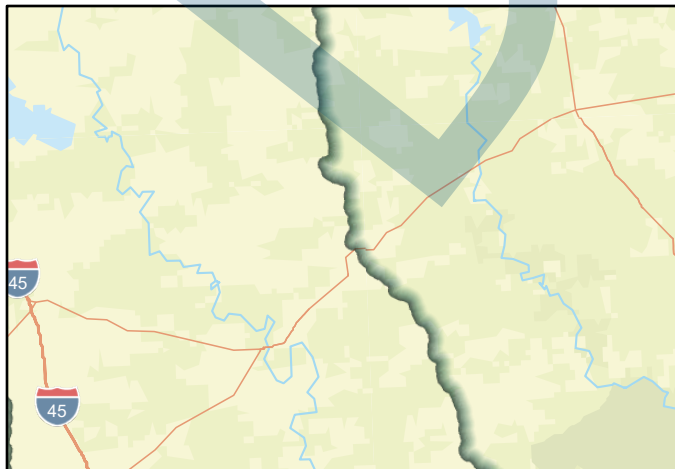
## Impacts

Negative impacts? **No** Negative impacts description **-**

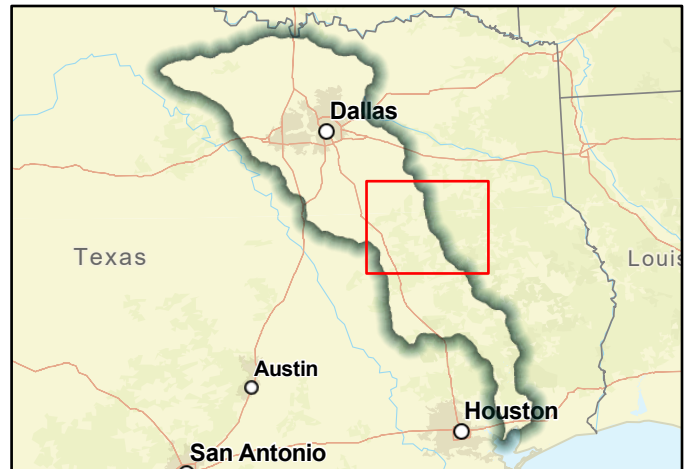
Water supply contributions? **No** Water supply contribution description **-**

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **-**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Collin County Property and Structures Buyout Program**

ID# **032000060** Sponsor **Collin County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Develop and implement a buyout program for personal properties and structures located in the floodplain**

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

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi<sup>2</sup>, est.) **883**

County **Collin**

## Existing 100-Year Flood Risk

Population at risk **17,576** # of structures **2,842** Critical facilities **28**

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

Farm/Ranch land impacted (acres) **34,154** Roadway(s) impacted (miles) **146**

Number of low water crossings **86** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

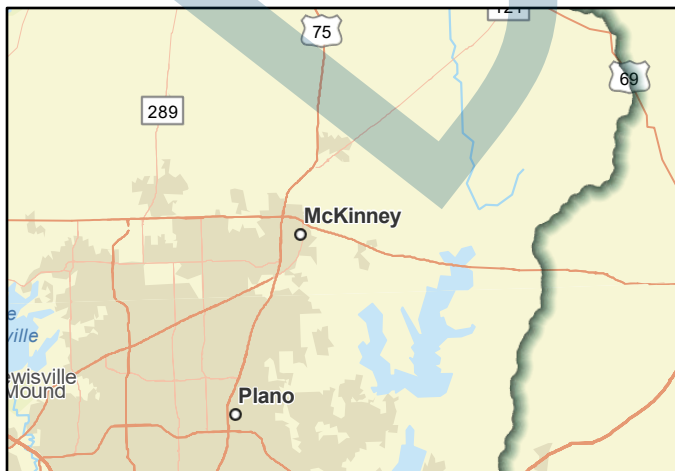
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Cooke County Acquisition of Repetitive Loss and Damaged Properties**

ID# **032000061** Sponsor **Cooke County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Purchase and removal of damaged homes that are located in the floodplain. Buyout of repetitive flood loss properties in the Wilson Court area.**

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

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi<sup>2</sup>, est.) **893**

County **Cooke**

## Existing 100-Year Flood Risk

Population at risk **2,077** # of structures **1,328** Critical facilities **10**

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

Farm/Ranch land impacted (acres) **40,879** Roadway(s) impacted (miles) **81**

Number of low water crossings **74** Historical road closures **-**

## 100-Year Flood Risk Reduction

Population removed from 100-yr **90** # of structures removed from 100-yr **30**

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

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

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

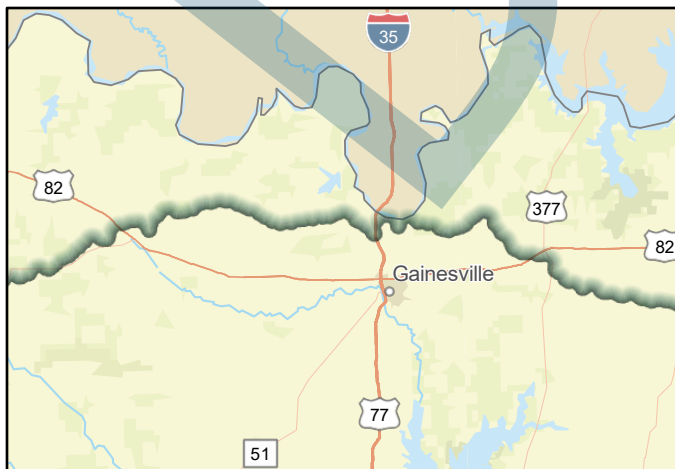
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Dallas County Acquisition of Flood-Prone and Repetitive Loss Properties**

ID# **032000062** Sponsor **Dallas County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquisition / demolition of 46 flood-prone and repetitive loss properties.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301030402,120301030404** Drainage area (mi<sup>2</sup>, est.) **905**

County **Dallas**

## Existing 100-Year Flood Risk

Population at risk **181,697** # of structures **22,225** Critical facilities **216**

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

Farm/Ranch land impacted (acres) **31,558** Roadway(s) impacted (miles) **791**

Number of low water crossings **499** Historical road closures **-**

## 100-Year Flood Risk Reduction

Population removed from 100-yr **117** # of structures removed from 100-yr **46**

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

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

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

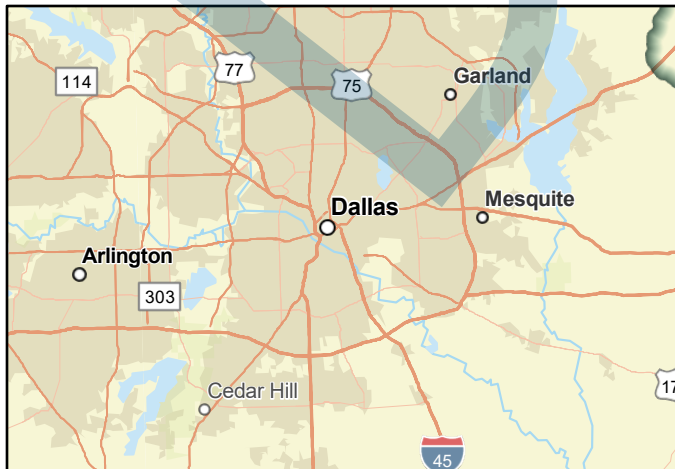
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$50,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area



# Flood Management Strategy (FMS)



Title **Grayson County Buyout of Repetitive Flood Properties**

ID# **032000063** Sponsor **Grayson County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Buyout of repetitive flood properties, which includes any structures found to be located in flood areas that aren't incorporated in NFIP areas.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301060406,120301060408,120301060403** Drainage area (mi<sup>2</sup>, est.) **976**

County **Grayson**

## Existing 100-Year Flood Risk

Population at risk **541** # of structures **436** Critical facilities **12**

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

Farm/Ranch land impacted (acres) **21,311** Roadway(s) impacted (miles) **43**

Number of low water crossings **50** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

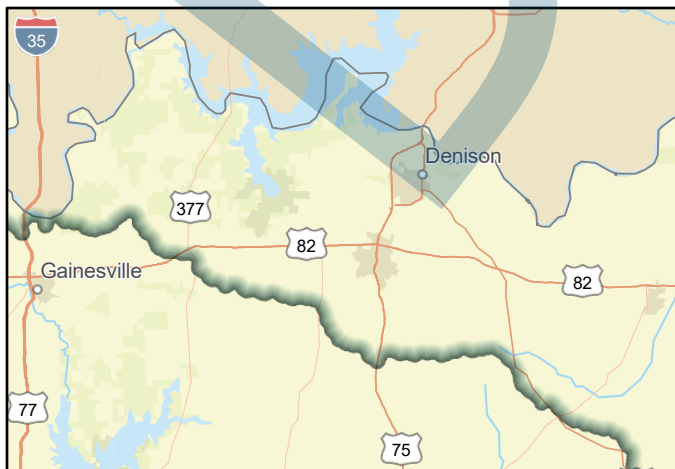
## Impacts

Negative impacts? **No** Negative impacts description **-**

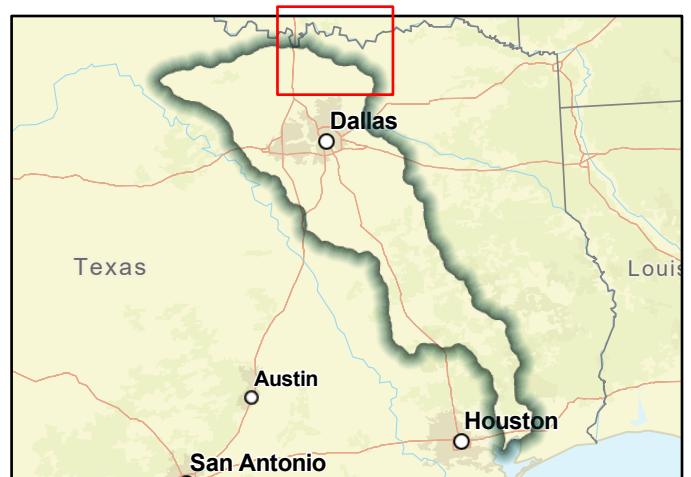
Water supply contributions? **No** Water supply contribution description **-**

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Terrell Property Acquisition Program**

ID# **032000064** Sponsor **Terrell**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire high risk and repetitive flood-prone structures**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301070105,120301070103,120301070106,120301070107,1203010701** Drainage area (mi<sup>2</sup>, est.) **25**

County **Kaufman**

## Existing 100-Year Flood Risk

Population at risk **836** # of structures **156** Critical facilities **4**

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

Farm/Ranch land impacted (acres) **1,655** Roadway(s) impacted (miles) **23**

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

## 100-Year Flood Risk Reduction

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

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

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

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

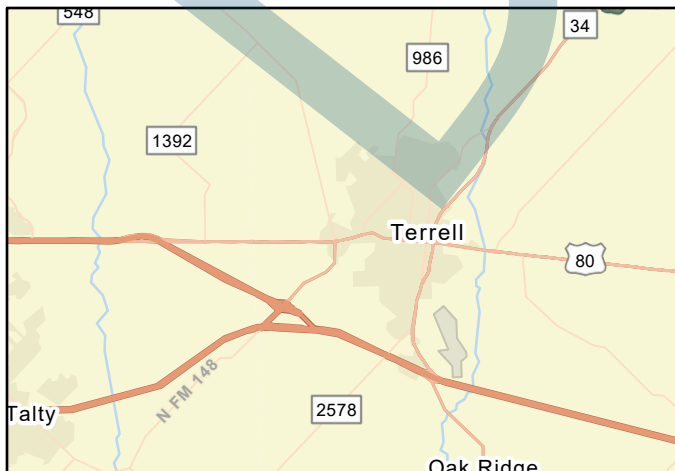
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Leon County Property Acquisition Program**

ID# **032000065** Sponsor **Leon County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire any repetitive loss structures located below the high hazard dams and homes located in the floodplain.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301070105,120301070103,120301070106,120301070107,1203010701** Drainage area (mi<sup>2</sup>, est.) **1,076**

County **Leon**

## Existing 100-Year Flood Risk

Population at risk **636** # of structures **428** Critical facilities **11**

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

Farm/Ranch land impacted (acres) **54,926** Roadway(s) impacted (miles) **100**

Number of low water crossings **31** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

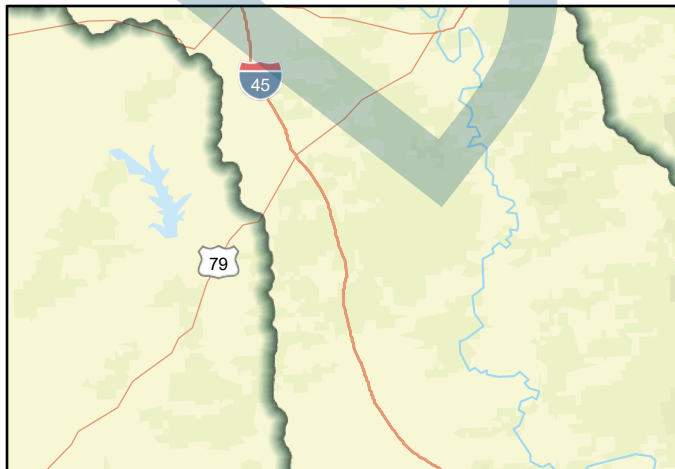
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **City of Fate Floodplain Acquisition and Preservation Program**

ID# **032000066** Sponsor **Fate**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire, reuse, and preserve open spaces adjacent to floodplain areas to reduce the impacts of flooding**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301060402,120301060502,120301060401,120100010301,1203010701** Drainage area (mi<sup>2</sup>, est.) **6**

County **Rockwall**

## Existing 100-Year Flood Risk

Population at risk **51** # of structures **13** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **231** Roadway(s) impacted (miles) **2**

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

## 100-Year Flood Risk Reduction

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

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

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

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

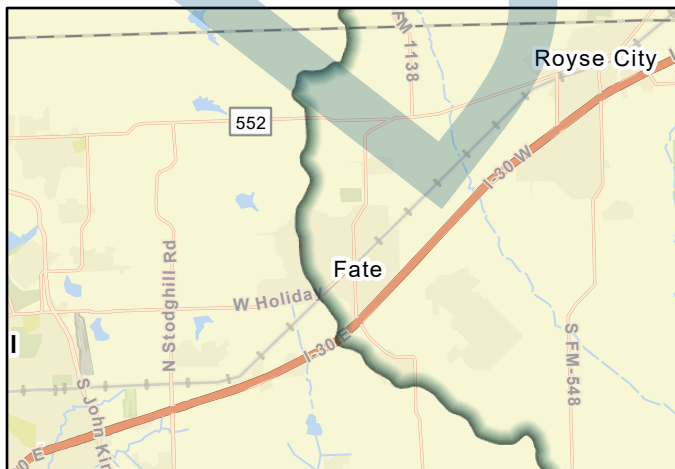
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **-**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

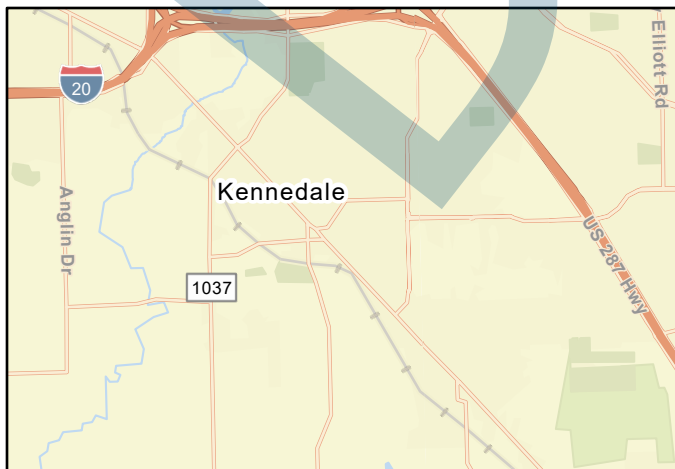
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **City of Mansfield Property Acquisition Program**

ID# **032000068** Sponsor **Mansfield**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire properties at risk of flooding and permanently remove them from special flood hazard areas.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301020603,120301020601,120301020604,120301020605,1203010204** Drainage area (mi<sup>2</sup>, est.) **36**

County **Tarrant**

## Existing 100-Year Flood Risk

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

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

Farm/Ranch land impacted (acres) **778** Roadway(s) impacted (miles) **30**

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

## 100-Year Flood Risk Reduction

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

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

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

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

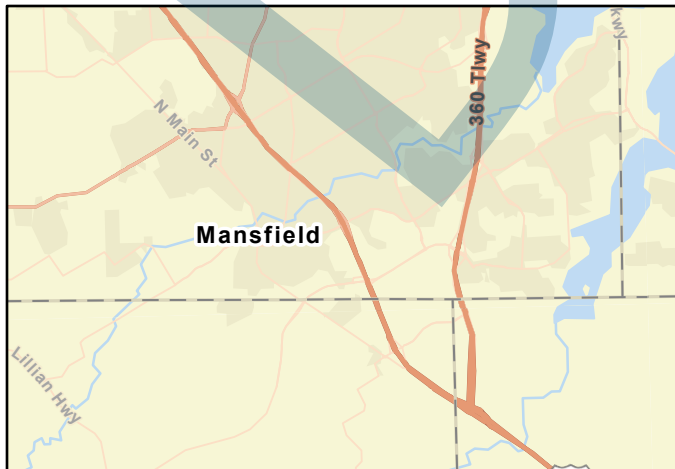
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Tarrant County Property Acquisition Program**

ID# **032000069** Sponsor **Tarrant**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Create a Buyout Program for Repetitive Loss Properties**

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

Associated FMS's **-**

Watershed HUC# (if known) **120302020601,120302020504** Drainage area (mi<sup>2</sup>, est.) **900**

County **Tarrant**

## Existing 100-Year Flood Risk

Population at risk **78,224** # of structures **14,853** Critical facilities **109**

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

Farm/Ranch land impacted (acres) **20,063** Roadway(s) impacted (miles) **468**

Number of low water crossings **708** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

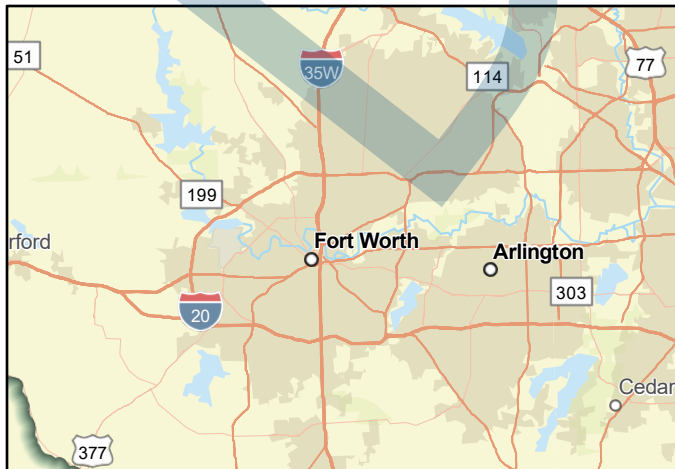
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Walker County Voluntary Buyout Program**

ID# **032000070** Sponsor **Walker County, New Waverly, Riverside**

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

## Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	The county and partnering jurisdictions will begin a voluntary buyout program for insured severe repetitive loss properties that are in the floodplain		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi <sup>2</sup> , est.)	798
Watershed HUC# (if known)	120302020601,120302020504	County	Walker

## Existing 100-Year Flood Risk

Population at risk	70	# of structures	100	Critical facilities	13
Flood risk type:	Riverine? <b>Yes</b>	Coastal? <b>No</b>	Local? <b>No</b>	Playa? <b>No</b>	Other? <b>No</b>
Farm/Ranch land impacted (acres)	24,889	Roadway(s) impacted (miles)	59		
Number of low water crossings	15	Historical road closures	-		

## 100-Year Flood Risk Reduction

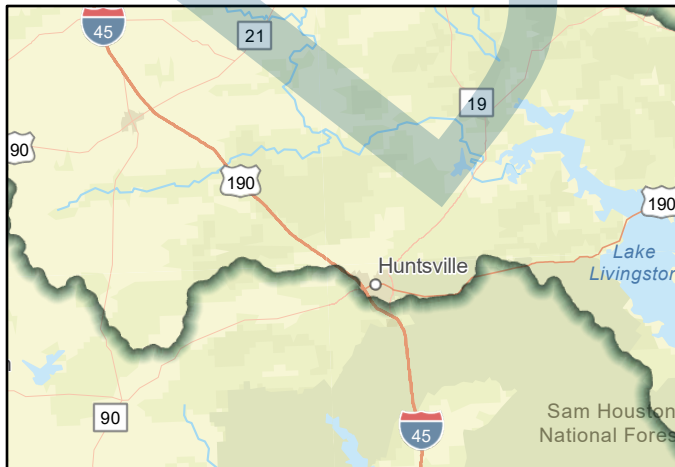
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

## Impacts

Negative impacts?	<b>No</b>	Negative impacts description	-
Water supply contributions?	<b>No</b>	Water supply contribution description	-

## Estimated Cost

Strategy Cost	\$5,000,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area



# Flood Management Strategy (FMS)



Title **Wise County Repetitive Flood Loss Buyout Program**

ID# **032000071** Sponsor **Wise County**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Develop a buyout program for repetitive flood loss areas within the county**

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

Associated FMS's **-**

Watershed HUC# (if known) **120302020601,120302020504** Drainage area (mi<sup>2</sup>, est.) **919**

County **Wise**

## Existing 100-Year Flood Risk

Population at risk **1,558** # of structures **1,118** Critical facilities **25**

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

Farm/Ranch land impacted (acres) **35,896** Roadway(s) impacted (miles) **100**

Number of low water crossings **54** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

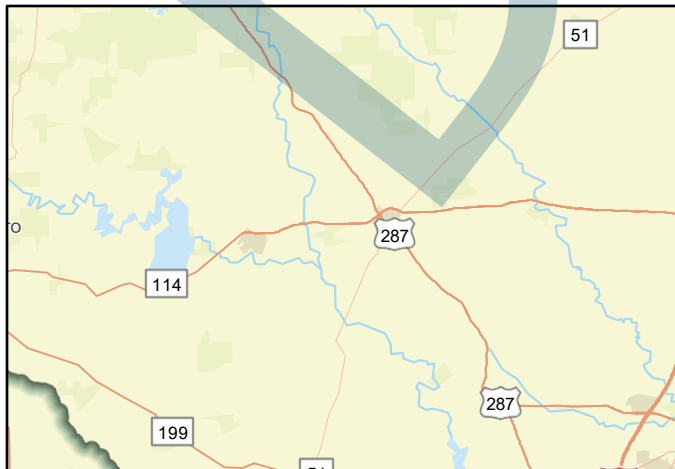
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

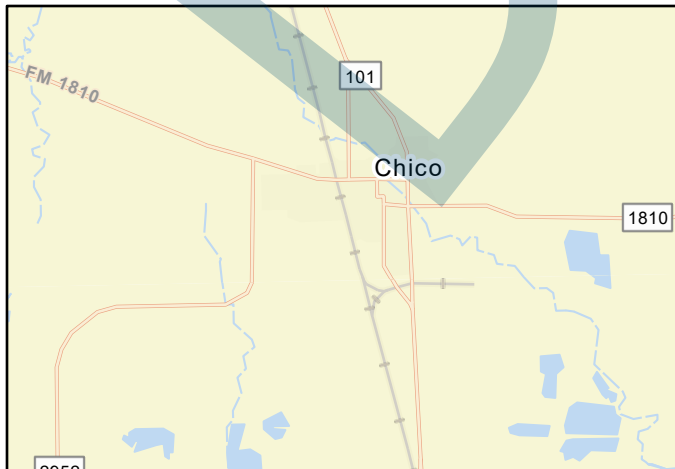
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Town Creek Warren Park Extension (Property Acquisition Program)**

ID# **032000073** Sponsor **Burleson**

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

## Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Create a buyout program**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301020401,120602020202,120301090101,120301020304,1203010206** Drainage area (mi<sup>2</sup>, est.) **28**

County **Tarrant**

## Existing 100-Year Flood Risk

Population at risk **1,305** # of structures **269** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **1,046** Roadway(s) impacted (miles) **18**

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

## 100-Year Flood Risk Reduction

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

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

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

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

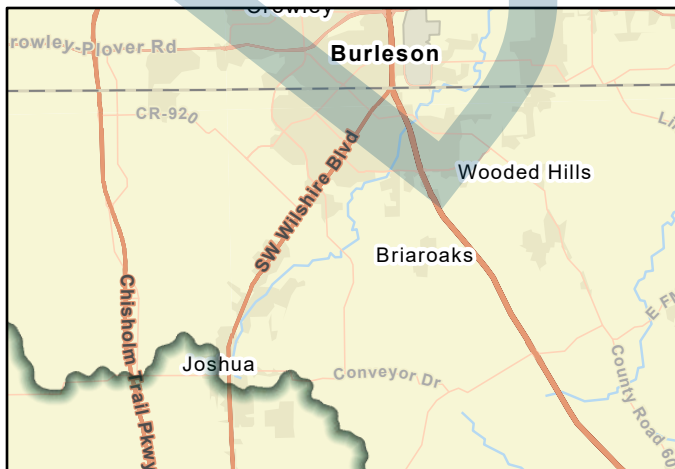
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

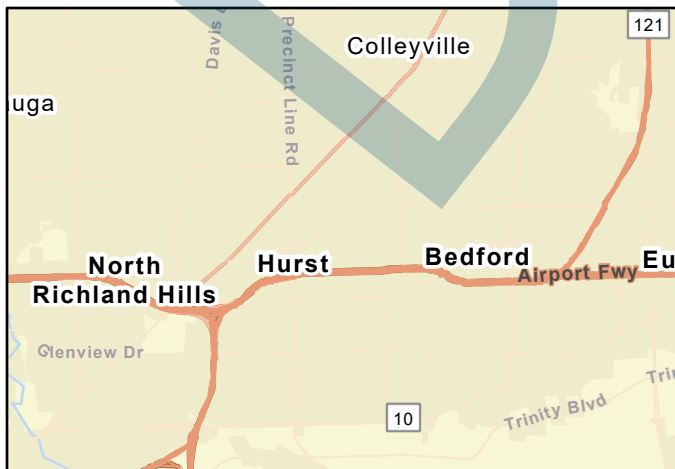
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type	<input type="text" value="Education and Outreach"/>		
Strategy description	<input type="text" value="Coordinate and implement a natural hazards public awareness campaign. Educate community on the dangers of low water crossings through the installation of warning signs and promotion of 'Turn Around, Don't Drown' Program."/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi <sup>2</sup> , est.)	<input type="text" value="1,073"/>
Watershed HUC# (if known)	<input type="text" value="-"/>	County	<input type="text" value="Anderson"/>

## Existing 100-Year Flood Risk

Population at risk	<input type="text" value="1,408"/>	# of structures	<input type="text" value="667"/>	Critical facilities	<input type="text" value="11"/>
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	<input type="text" value="36,104"/>	Roadway(s) impacted (miles)	<input type="text" value="73"/>		
Number of low water crossings	<input type="text" value="32"/>	Historical road closures	<input type="text" value="-"/>		

## 100-Year Flood Risk Reduction

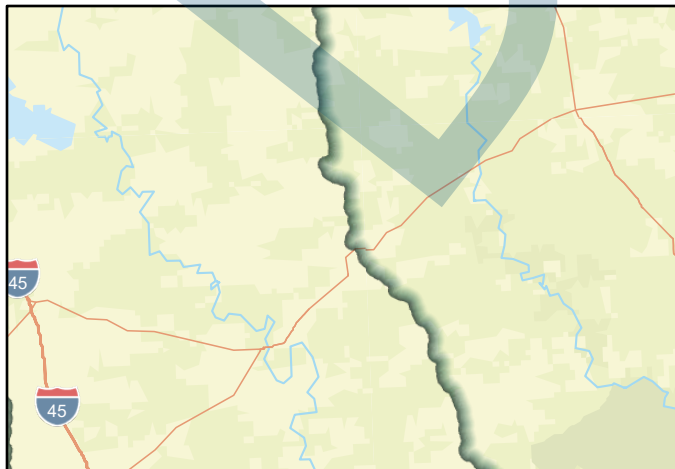
Population removed from 100-yr	<input type="text" value="-"/>	# of structures removed from 100-yr	<input type="text" value="-"/>
Critical facilities removed from 100-yr	<input type="text" value="-"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-"/>
Road removed from 100-yr (miles)	<input type="text" value="-"/>	Low water crossings removed from 100-yr	<input type="text" value="-"/>
Other benefits	<input type="text" value="-"/>	Reduction in # of road closures over 10 years	<input type="text" value="-"/>

## Impacts

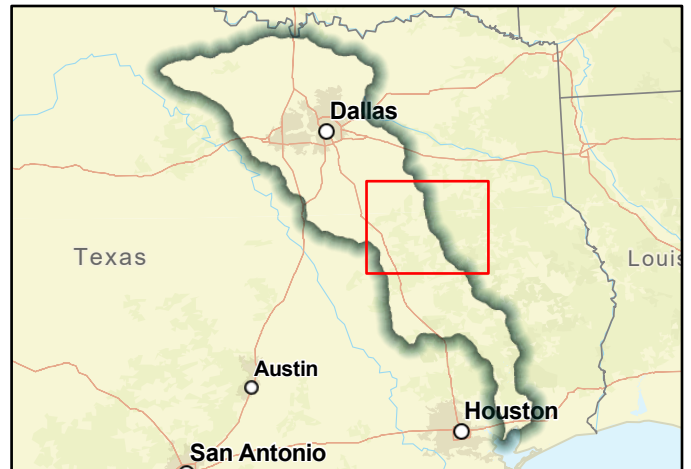
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	<input type="text" value="-"/>
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	<input type="text" value="-"/>

## Estimated Cost

Strategy Cost	<input type="text" value="\$50,000"/>	Amount of available funding	<input type="text" value="\$-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Cooke County Flood Education and Flood Insurance Public Awareness Program**

ID# **032000077** Sponsor **Cooke County**

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

## Strategy Details

Strategy type	Education and Outreach		
Strategy description	Education of the public on the importance of Flood Insurance. "Turn Around Don't Drown" campaign.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi <sup>2</sup> , est.)	893
Watershed HUC# (if known)	-	County	Cooke

## Existing 100-Year Flood Risk

Population at risk	2,077	# of structures	1,328	Critical facilities	10
Flood risk type:	Riverine? <b>Yes</b>	Coastal? <b>No</b>	Local? <b>No</b>	Playa? <b>No</b>	Other? <b>No</b>
Farm/Ranch land impacted (acres)	40,879	Roadway(s) impacted (miles)	81		
Number of low water crossings	74	Historical road closures	-		

## 100-Year Flood Risk Reduction

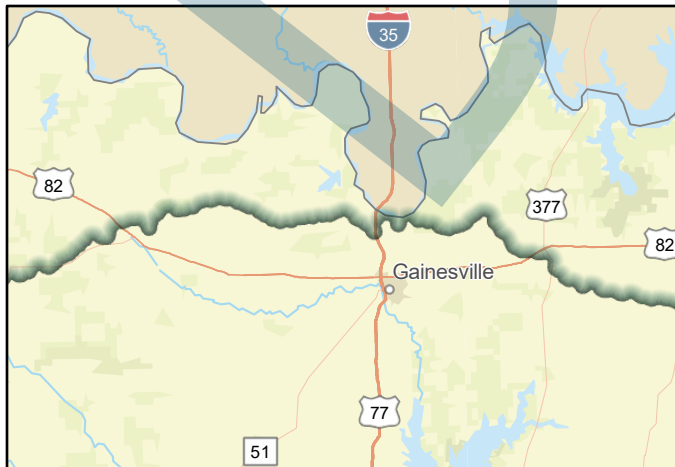
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

## Impacts

Negative impacts?	<b>No</b>	Negative impacts description	-
Water supply contributions?	<b>No</b>	Water supply contribution description	-

## Estimated Cost

Strategy Cost	\$50,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education**

ID# **032000078** Sponsor **Glenn Heights, Seagoville, Wilmer**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301050301,120301050204,120301050202,120301060505,1203010605** Drainage area (mi<sup>2</sup>, est.) **34**

County **Dallas**

## Existing 100-Year Flood Risk

Population at risk **1,610** # of structures **440** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **2,059** Roadway(s) impacted (miles) **18**

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

## 100-Year Flood Risk Reduction

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

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

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

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

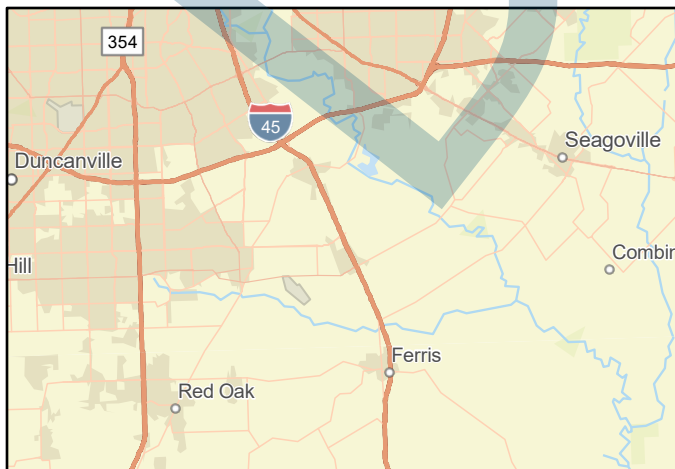
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Krum "Turn Around, Don't Drown" Campaign**

ID# **032000079** Sponsor **Krum**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement "Turn Around, Don't Drown" campaign.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi<sup>2</sup>, est.) **2**

County **Denton**

## Existing 100-Year Flood Risk

Population at risk **72** # of structures **31** Critical facilities **1**

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

Farm/Ranch land impacted (acres) **127** Roadway(s) impacted (miles) **2**

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

## 100-Year Flood Risk Reduction

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

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

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

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

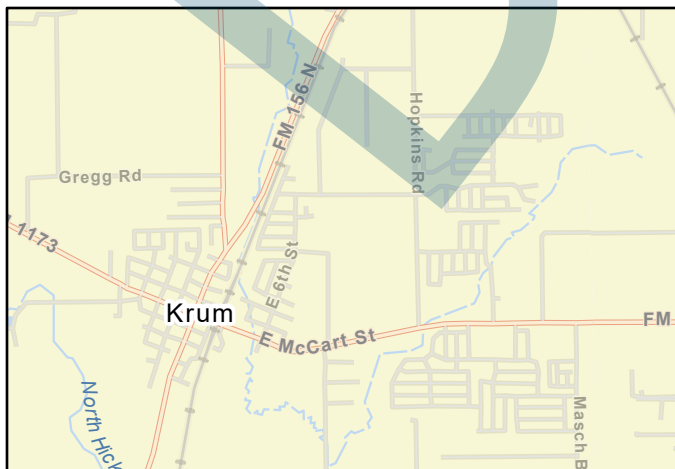
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area



# Flood Management Strategy (FMS)



Title **Fannin County Flood Safety Education**

ID# **032000080** Sponsor **Fannin County**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Education programs such as "Turn around Don't Drown." Work with local newspaper to run flood safety information. Public education via water bills, social media, and webpage to promote flood safety.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi<sup>2</sup>, est.) **897**

County **Fannin**

## Existing 100-Year Flood Risk

Population at risk **93** # of structures **139** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **1,783** Roadway(s) impacted (miles) **4**

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

## 100-Year Flood Risk Reduction

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

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

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

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

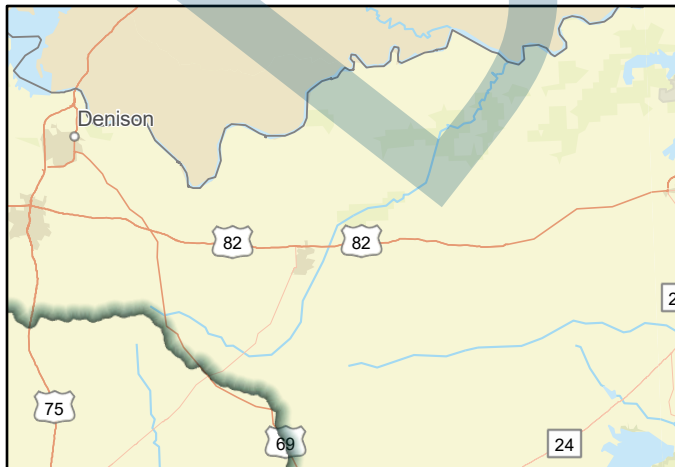
## Impacts

Negative impacts? **No** Negative impacts description **-**

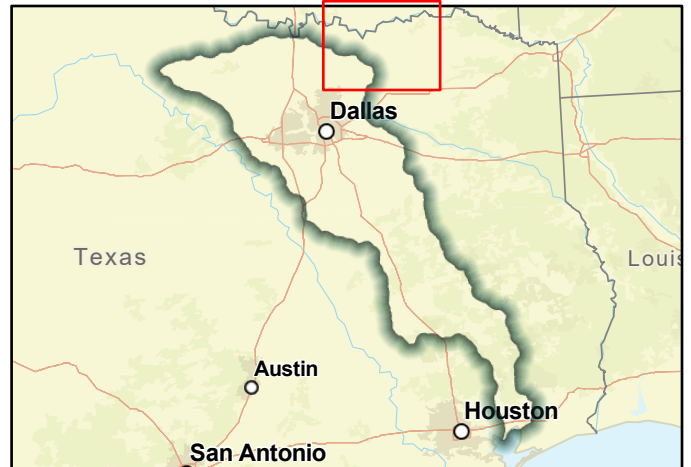
Water supply contributions? **No** Water supply contribution description **-**

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Fannin County Flood Insurance Education**

ID# **032000081** Sponsor **Fannin County**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Develop and distribute information about the availability and need for flood insurance. Public awareness of NFIP.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi<sup>2</sup>, est.) **897**

County **Fannin**

## Existing 100-Year Flood Risk

Population at risk **93** # of structures **139** Critical facilities **2**

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

Farm/Ranch land impacted (acres) **1,783** Roadway(s) impacted (miles) **4**

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

## 100-Year Flood Risk Reduction

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

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

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

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

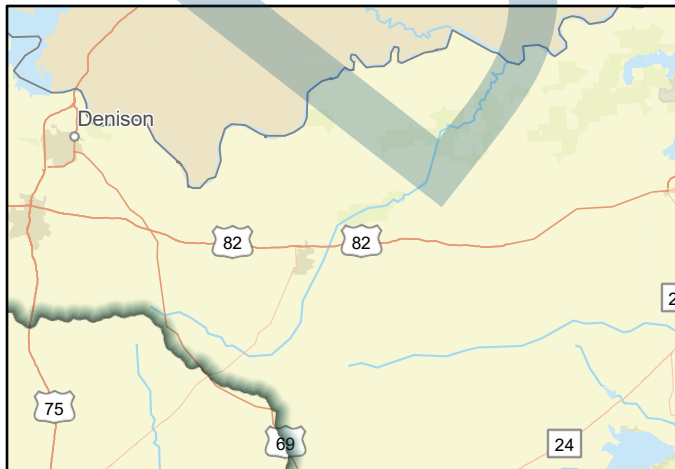
## Impacts

Negative impacts? **No** Negative impacts description **-**

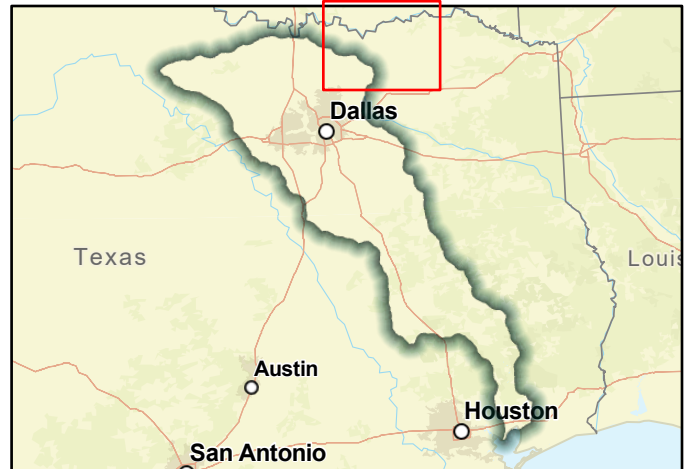
Water supply contributions? **No** Water supply contribution description **-**

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

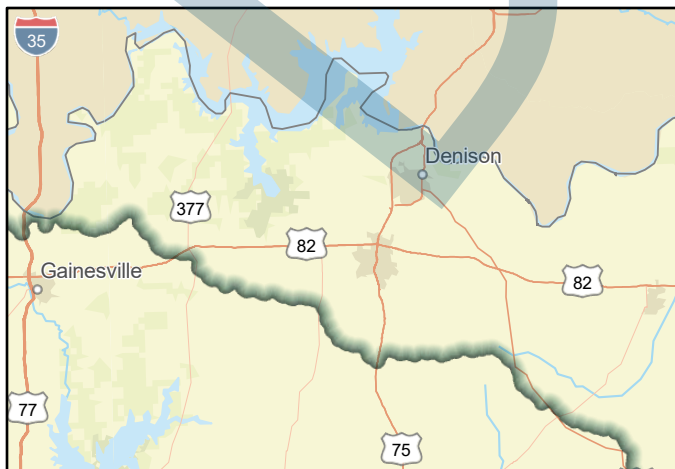
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Hill County Flooding Education and Outreach Program**

ID# **032000084** Sponsor **Hill County**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Develop a coordinated education, outreach, and training program to inform and educate the public about the dangers of flooding and how to prevent flood damages to property.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301020105** Drainage area (mi<sup>2</sup>, est.) **982**

County **Hill**

## Existing 100-Year Flood Risk

Population at risk **109** # of structures **127** Critical facilities **4**

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

Farm/Ranch land impacted (acres) **24,902** Roadway(s) impacted (miles) **24**

Number of low water crossings **26** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

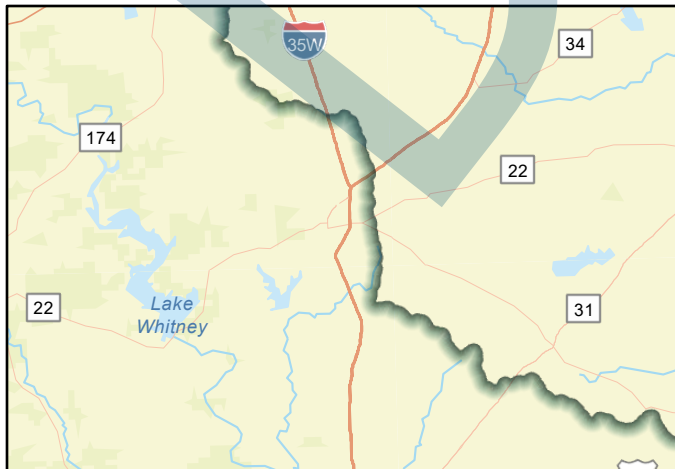
## Impacts

Negative impacts? **No** Negative impacts description **-**

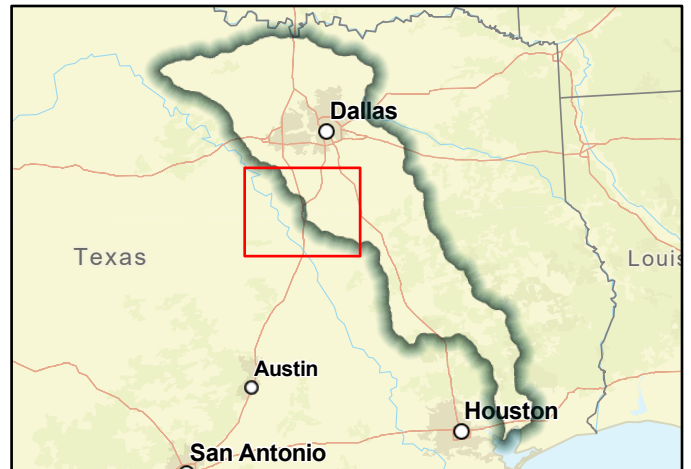
Water supply contributions? **No** Water supply contribution description **-**

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

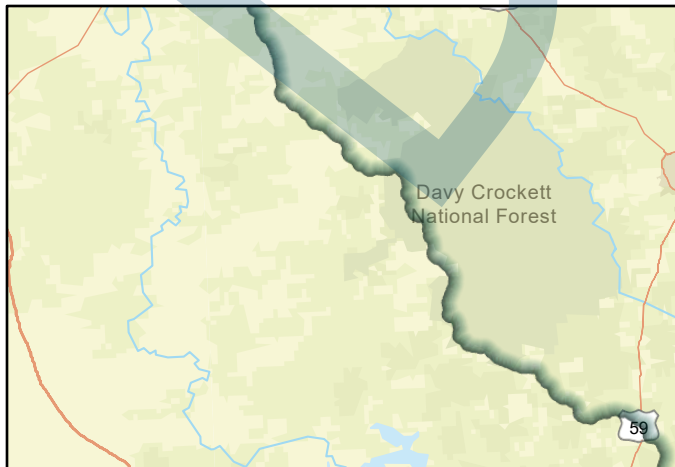
## Impacts

Negative impacts?  No Negative impacts description

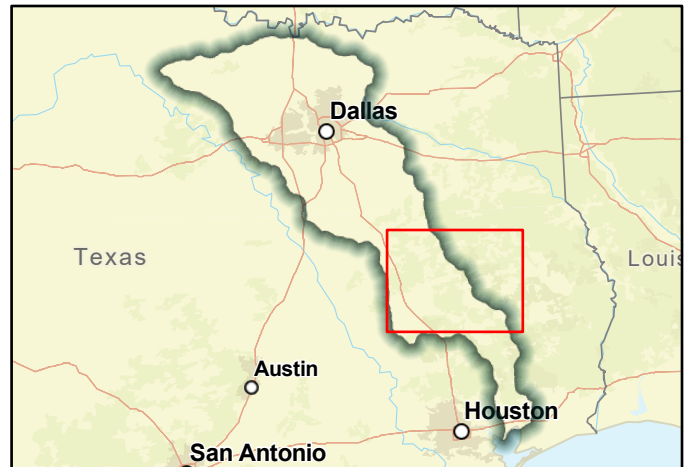
Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

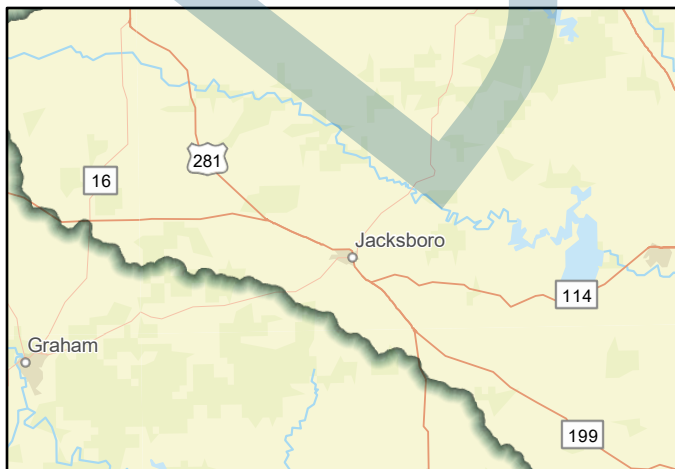
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Kaufman County Flood Education Program**

ID# **032000088** Sponsor **Kaufman County**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301030402,120301030404** Drainage area (mi<sup>2</sup>, est.) **804**

County **Kaufman**

## Existing 100-Year Flood Risk

Population at risk **4,193** # of structures **2,086** Critical facilities **26**

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

Farm/Ranch land impacted (acres) **88,118** Roadway(s) impacted (miles) **148**

Number of low water crossings **38** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

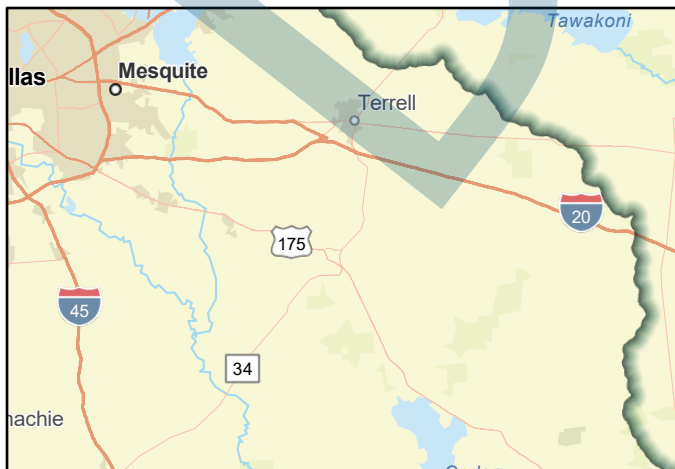
## Impacts

Negative impacts? **No** Negative impacts description **-**

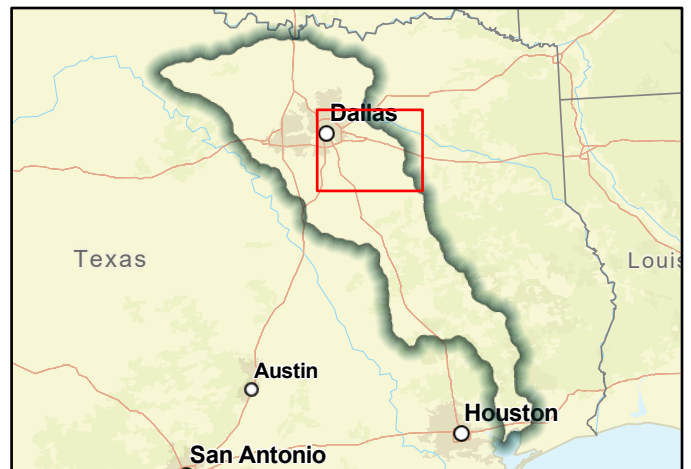
Water supply contributions? **No** Water supply contribution description **-**

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type	<input type="text" value="Education and Outreach"/>		
Strategy description	<input type="text" value="Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries."/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi <sup>2</sup> , est.)	<input type="text" value="933"/>
Watershed HUC# (if known)	<input type="text" value="120301030803,120301030801"/>		County
			<input type="text" value="Montague"/>

## Existing 100-Year Flood Risk

Population at risk	<input type="text" value="0"/>	# of structures	<input type="text" value="0"/>	Critical facilities	<input type="text" value="4"/>
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	<input type="text" value="0"/>		Roadway(s) impacted (miles)	<input type="text" value="57"/>	
Number of low water crossings	<input type="text" value="20"/>		Historical road closures	<input type="text" value="-"/>	

## 100-Year Flood Risk Reduction

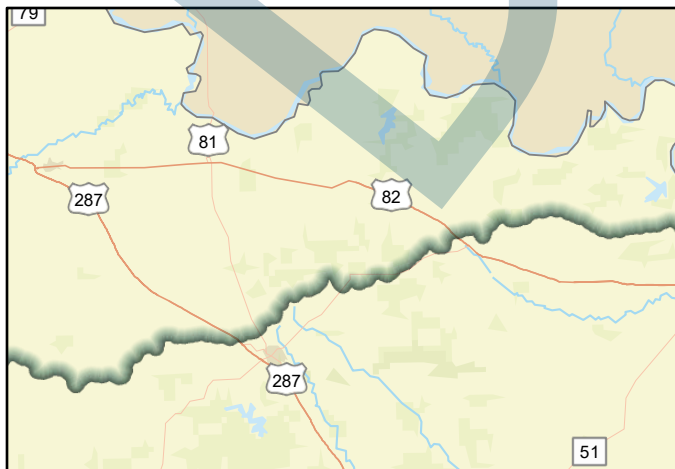
Population removed from 100-yr	<input type="text" value="-"/>	# of structures removed from 100-yr	<input type="text" value="-"/>
Critical facilities removed from 100-yr	<input type="text" value="-"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-"/>
Road removed from 100-yr (miles)	<input type="text" value="-"/>	Low water crossings removed from 100-yr	<input type="text" value="-"/>
Other benefits	<input type="text" value="-"/>	Reduction in # of road closures over 10 years	<input type="text" value="-"/>

## Impacts

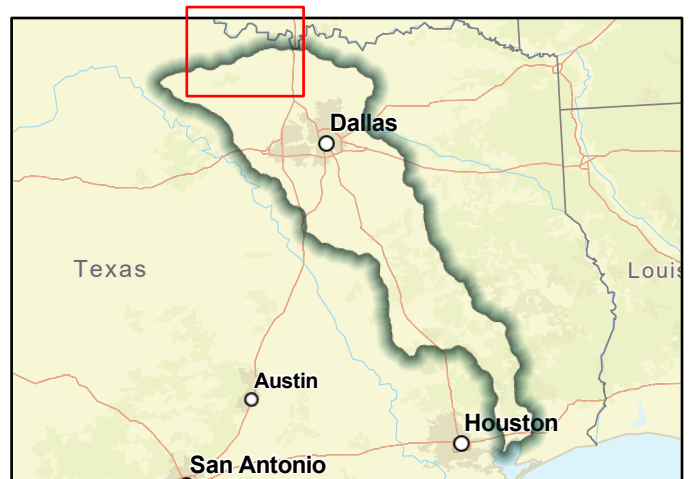
Negative impacts?	<input type="checkbox"/> No	Negative impacts description	<input type="text" value="-"/>
Water supply contributions?	<input type="checkbox"/> No	Water supply contribution description	<input type="text" value="-"/>

## Estimated Cost

Strategy Cost	<input type="text" value="\$50,000"/>	Amount of available funding	<input type="text" value="\$-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area



# Flood Management Strategy (FMS)



Title **Parker County Flood and Dam Education**

ID# **032000090** Sponsor **Weatherford, Hudson Oaks, Aledo, Parker County**

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

## Strategy Details

Strategy type	Education and Outreach		
Strategy description	Create and implement a community-wide educational campaign to educate residents about the NFIP and dam safety		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi <sup>2</sup> , est.)	903
Watershed HUC# (if known)	120301060406,120301060407,120301050105,120301050104,1203010605		County
			Parker

## Existing 100-Year Flood Risk

Population at risk	6,748	# of structures	1,953	Critical facilities	37
Flood risk type:	Riverine? <b>Yes</b>	Coastal? <b>No</b>	Local? <b>No</b>	Playa? <b>No</b>	Other? <b>No</b>
Farm/Ranch land impacted (acres)	25,501	Roadway(s) impacted (miles)	61		
Number of low water crossings	49	Historical road closures	-		

## 100-Year Flood Risk Reduction

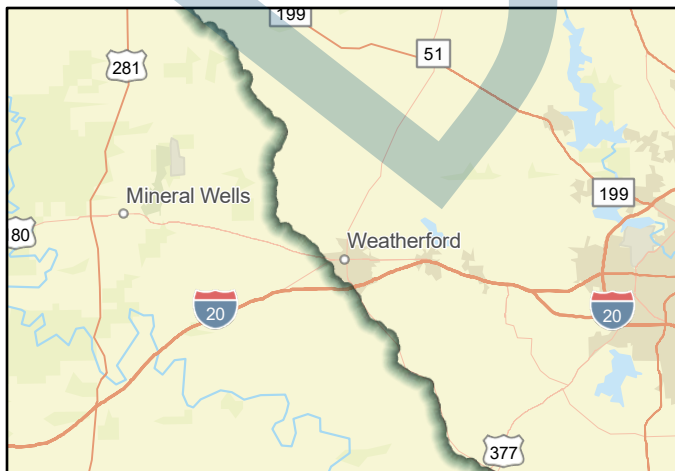
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

## Impacts

Negative impacts?	<b>No</b>	Negative impacts description	-
Water supply contributions?	<b>No</b>	Water supply contribution description	-

## Estimated Cost

Strategy Cost	\$50,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Livingston Flood Damage Mitigation Educational Program**

ID# **032000091** Sponsor **Livingston**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Establish an educational program to teach citizens how to mitigate flood damage to their property**

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

Associated FMS's **-**

Watershed HUC# (if known) **120302021005** Drainage area (mi<sup>2</sup>, est.) **9**

County **Polk**

## Existing 100-Year Flood Risk

Population at risk **233** # of structures **140** Critical facilities **7**

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

Farm/Ranch land impacted (acres) **133** Roadway(s) impacted (miles) **12**

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

## 100-Year Flood Risk Reduction

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

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

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

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

## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$60,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type	<input type="text" value="Education and Outreach"/>		
Strategy description	<input type="text" value="Provide flood risk and mitigation risk mapping materials for property owners in floodplains. Include mitigation techniques"/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi <sup>2</sup> , est.)	<input type="text" value="2"/>
Watershed HUC# (if known)	<input type="text" value="120301020105"/>	County	<input type="text" value="Tarrant"/>

## Existing 100-Year Flood Risk

Population at risk	<input type="text" value="10"/>	# of structures	<input type="text" value="8"/>	Critical facilities	<input type="text" value="0"/>
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	<input type="text" value="0"/>	Roadway(s) impacted (miles)	<input type="text" value="0"/>		
Number of low water crossings	<input type="text" value="0"/>	Historical road closures	<input type="text" value="-"/>		

## 100-Year Flood Risk Reduction

Population removed from 100-yr	<input type="text" value="-"/>	# of structures removed from 100-yr	<input type="text" value="-"/>
Critical facilities removed from 100-yr	<input type="text" value="-"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-"/>
Road removed from 100-yr (miles)	<input type="text" value="-"/>	Low water crossings removed from 100-yr	<input type="text" value="-"/>
Other benefits	<input type="text" value="-"/>	Reduction in # of road closures over 10 years	<input type="text" value="-"/>

## Impacts

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

## Estimated Cost

Strategy Cost	<input type="text" value="\$65,000"/>	Amount of available funding	<input type="text" value="\$-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Tarrant County Flood Education Program**

ID# **032000093** Sponsor **Tarrant**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Conduct NFIP community workshops to provide information and incentives for property owners to acquire flood insurance.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301040305** Drainage area (mi<sup>2</sup>, est.) **900**

County **Tarrant**

## Existing 100-Year Flood Risk

Population at risk **78,224** # of structures **14,853** Critical facilities **109**

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

Farm/Ranch land impacted (acres) **20,063** Roadway(s) impacted (miles) **468**

Number of low water crossings **708** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

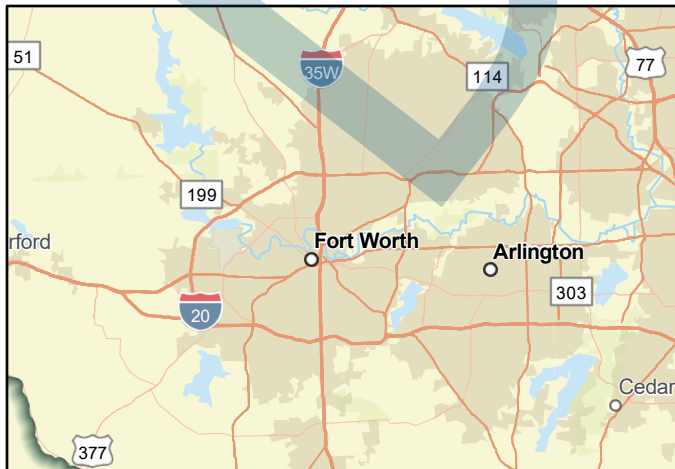
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Van Zandt County Flood Safety Improvements and Education**

ID# **032000094** Sponsor **Van Zandt**

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

## Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate community on the dangers of low water crossings**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301060409,120301060402,120301060502,120301060401,1201000103** Drainage area (mi<sup>2</sup>, est.) **856**

County **Van Zandt**

## Existing 100-Year Flood Risk

Population at risk **461** # of structures **506** Critical facilities **3**

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

Farm/Ranch land impacted (acres) **18,021** Roadway(s) impacted (miles) **37**

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

## 100-Year Flood Risk Reduction

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

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

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

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

## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Walker County Floodplain Regulatory Awareness Public Information Campaign**

ID# **032000095** Sponsor **Walker**

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

## Strategy Details

Strategy type	Education and Outreach		
Strategy description	Rewrite, improve, and implement new local floodplain regulations, to include a public information campaign on regulatory awareness		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi <sup>2</sup> , est.)	798
Watershed HUC# (if known)	120301040305	County	Walker

## Existing 100-Year Flood Risk

Population at risk	23	# of structures	19	Critical facilities	13
Flood risk type:	Riverine? <b>Yes</b>	Coastal? <b>No</b>	Local? <b>No</b>	Playa? <b>No</b>	Other? <b>No</b>
Farm/Ranch land impacted (acres)	24,328	Roadway(s) impacted (miles)	59		
Number of low water crossings	15	Historical road closures	-		

## 100-Year Flood Risk Reduction

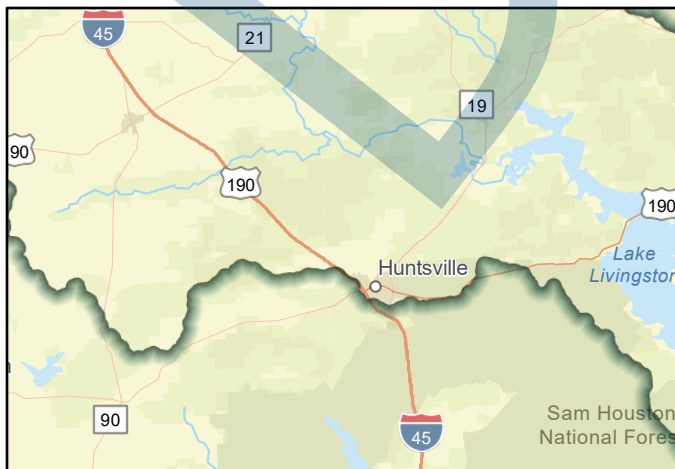
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	-	Reduction in # of road closures over 10 years	-

## Impacts

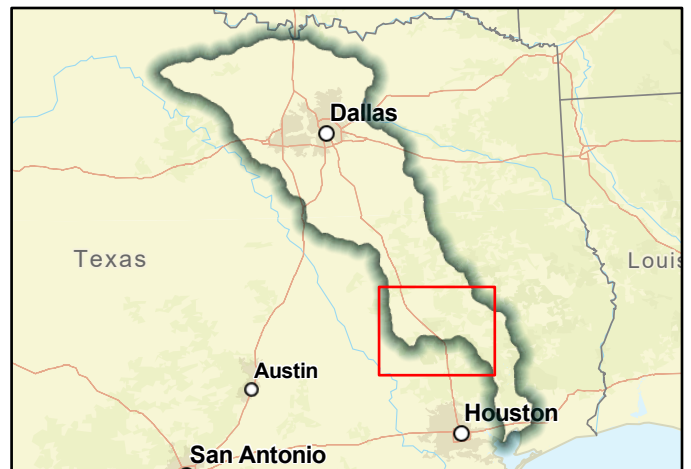
Negative impacts?	<b>No</b>	Negative impacts description	-
Water supply contributions?	<b>No</b>	Water supply contribution description	-

## Estimated Cost

Strategy Cost	\$50,000	Amount of available funding	\$-	% Nature-Based	0
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FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Dallas County Open Space System Program and Dallas Trails Program**

ID# **032000097** Sponsor **Dallas County**

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

## Strategy Details

Strategy type **Other**

Strategy description **Adopt and implement Dallas County Open Space System Program and Dallas Trails Program.**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301030402,120301030404** Drainage area (mi<sup>2</sup>, est.) **905**

County **Dallas**

## Existing 100-Year Flood Risk

Population at risk **181,697** # of structures **22,225** Critical facilities **216**

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

Farm/Ranch land impacted (acres) **31,558** Roadway(s) impacted (miles) **791**

Number of low water crossings **499** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

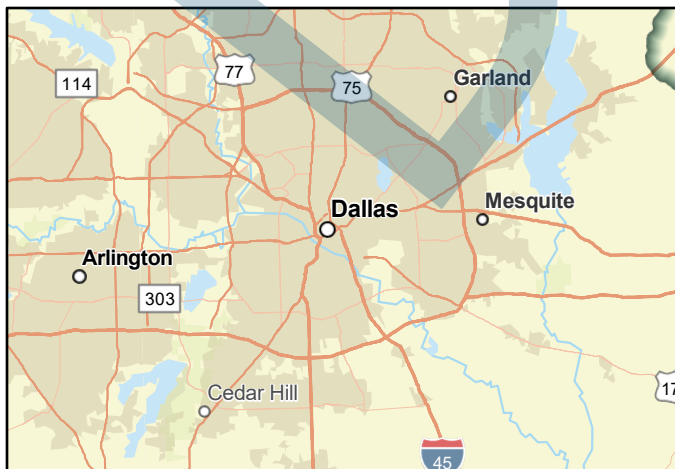
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **-**



FMS area



Regional view of FMS area



# Flood Management Strategy (FMS)



Title **Parker County Nature-Based Practices for Flood Control**

ID# **032000098** Sponsor **Parker County, Hudson Oaks**

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

## Strategy Details

Strategy type **Other**

Strategy description **Implement the use of green infrastructure**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301060406,120301060407,120301050105,120301050104,1203010605** Drainage area (mi<sup>2</sup>, est.) **903**

County **Parker**

## Existing 100-Year Flood Risk

Population at risk **6,748** # of structures **1,953** Critical facilities **37**

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

Farm/Ranch land impacted (acres) **25,501** Roadway(s) impacted (miles) **61**

Number of low water crossings **49** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

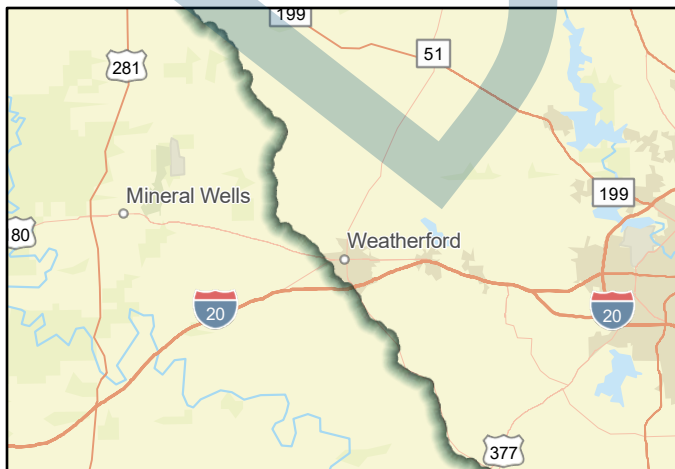
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

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



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Krugerville waterways stabilization program**

ID# **032000099** Sponsor **Krugerville**

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

## Strategy Details

Strategy type **Other**

Strategy description **Develop waterways stabilization program**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301030705,120301030406,120301030901,120301030902,1203010307** Drainage area (mi<sup>2</sup>, est.) **1**

County **Denton**

## Existing 100-Year Flood Risk

Population at risk **89** # of structures **28** Critical facilities **0**

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

Farm/Ranch land impacted (acres) **28** Roadway(s) impacted (miles) **2**

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

## 100-Year Flood Risk Reduction

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

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

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

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

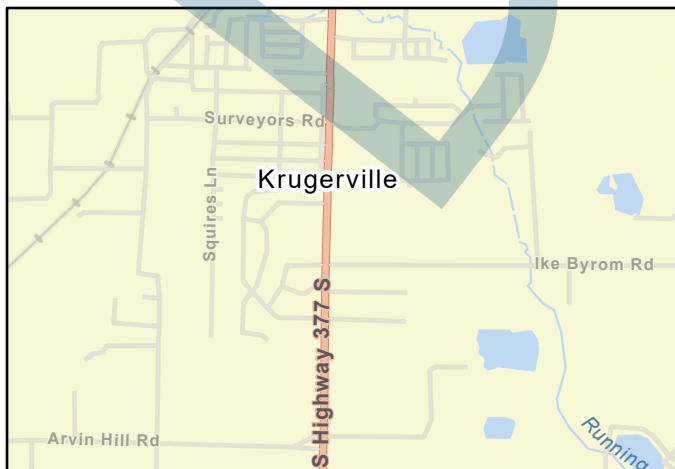
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$850,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type

Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

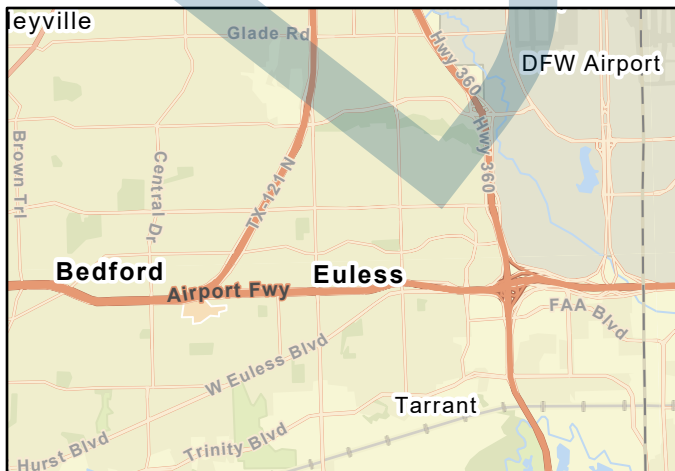
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title **Lewisville Storm Water Utility Fee**

ID# **032000101** Sponsor **Lewisville**

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

## Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Conduct a study to evaluate the implementation of levying a storm water fee for developers to fund developments to the storm water drainage systems**

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

Associated FMS's **-**

Watershed HUC# (if known) **120301040307,120301031002,120301030906,120301031003,1203010310** Drainage area (mi<sup>2</sup>, est.) **43**

County **Denton**

## Existing 100-Year Flood Risk

Population at risk **3,793** # of structures **314** Critical facilities **9**

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

Farm/Ranch land impacted (acres) **869** Roadway(s) impacted (miles) **32**

Number of low water crossings **17** Historical road closures **-**

## 100-Year Flood Risk Reduction

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

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

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

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

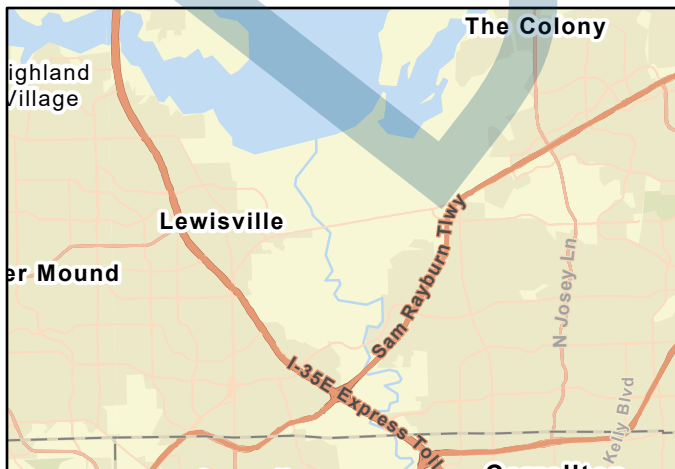
## Impacts

Negative impacts? **No** Negative impacts description **-**

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

## Estimated Cost

Strategy Cost **\$200,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

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## Strategy Details

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Strategy description

Associated FME's  Associated FMP's

Associated FMS's

Watershed HUC# (if known)  Drainage area (mi<sup>2</sup>, est.)

County

## Existing 100-Year Flood Risk

Population at risk  # of structures  Critical facilities

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

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

Number of low water crossings  Historical road closures

## 100-Year Flood Risk Reduction

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

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

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

Other benefits  Reduction in # of road closures over 10 years

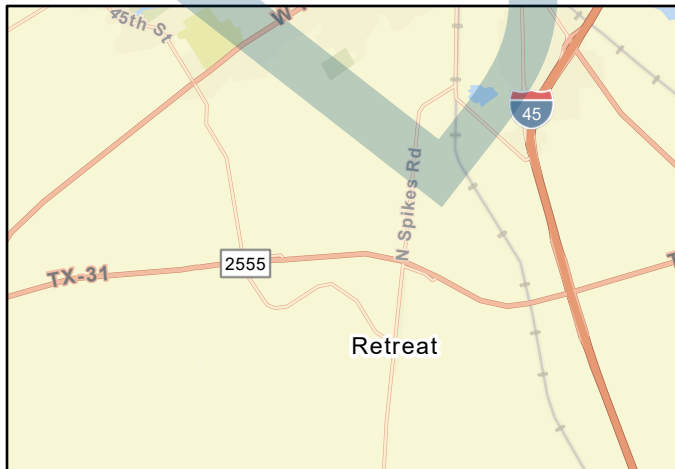
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

# Flood Management Strategy (FMS)



Title

ID#  Sponsor

RFPG recommend?  Yes Reason for Recommendation

## Strategy Details

Strategy type	<input type="text" value="Regulatory and Guidance"/>		
Strategy description	<input type="text" value="Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards"/>		
Associated FME's	<input type="text" value="-"/>	Associated FMP's	<input type="text" value="-"/>
Associated FMS's	<input type="text" value="-"/>	Drainage area (mi <sup>2</sup> , est.)	<input type="text" value="2"/>
Watershed HUC# (if known)	<input type="text" value="120301080403,120302010106,120301080402"/>		County
			<input type="text" value="Freestone, Navarro"/>

## Existing 100-Year Flood Risk

Population at risk	<input type="text" value="3"/>	# of structures	<input type="text" value="4"/>	Critical facilities	<input type="text" value="1"/>
Flood risk type:	Riverine? <input checked="" type="checkbox"/> Yes	Coastal? <input type="checkbox"/> No	Local? <input type="checkbox"/> No	Playa? <input type="checkbox"/> No	Other? <input type="checkbox"/> No
Farm/Ranch land impacted (acres)	<input type="text" value="51"/>	Roadway(s) impacted (miles)	<input type="text" value="3"/>		
Number of low water crossings	<input type="text" value="1"/>	Historical road closures	<input type="text" value="-"/>		

## 100-Year Flood Risk Reduction

Population removed from 100-yr	<input type="text" value="-"/>	# of structures removed from 100-yr	<input type="text" value="-"/>
Critical facilities removed from 100-yr	<input type="text" value="-"/>	Farm/Ranch land removed from 100-yr (acres)	<input type="text" value="-"/>
Road removed from 100-yr (miles)	<input type="text" value="-"/>	Low water crossings removed from 100-yr	<input type="text" value="-"/>
Other benefits	<input type="text" value="-"/>	Reduction in # of road closures over 10 years	<input type="text" value="-"/>

## Impacts

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

## Estimated Cost

Strategy Cost	<input type="text" value="\$100,000"/>	Amount of available funding	<input type="text" value="\$-"/>	% Nature-Based	<input type="text" value="0"/>
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FMS area



Regional view of FMS area

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Associated FMS's

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

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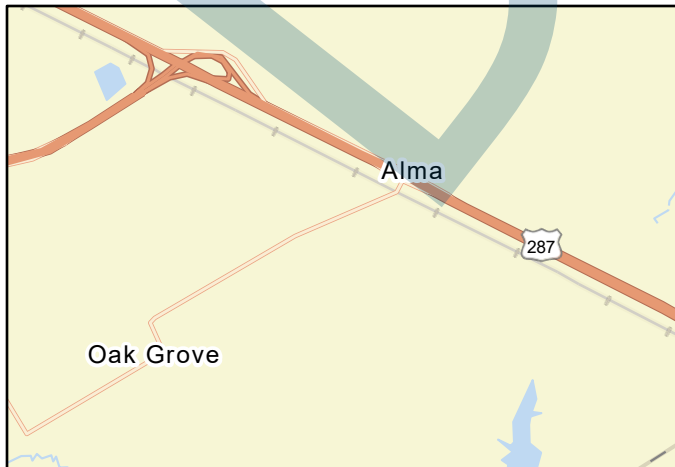
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Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area

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

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Number of low water crossings  Historical road closures

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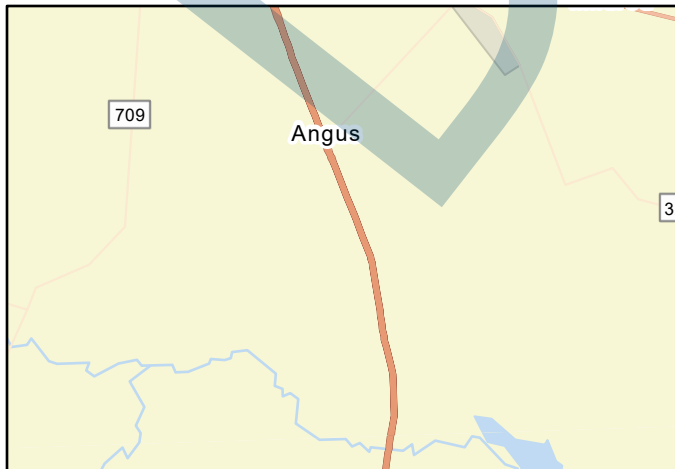
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Water supply contributions?  No Water supply contribution description

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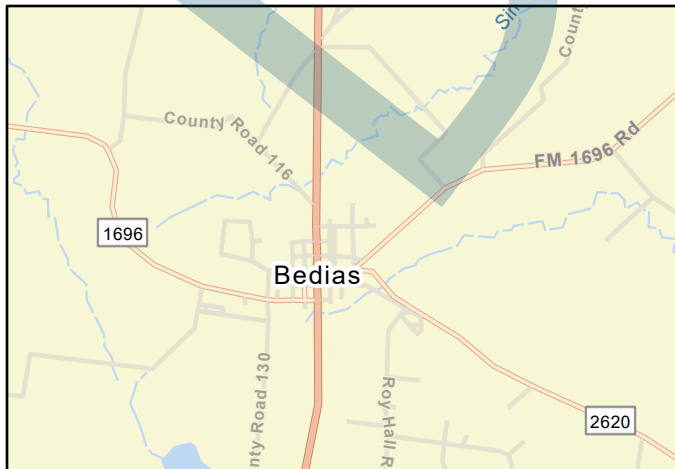
## Impacts

Negative impacts?  No Negative impacts description

Water supply contributions?  No Water supply contribution description

## Estimated Cost

Strategy Cost  Amount of available funding  % Nature-Based



FMS area



Regional view of FMS area