Lavon Warning System Title



ID# 032000001 Sponsor Lavon RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Flood Measurement and Warning Strategy type Strategy description Expand the Early Warning Sirens and Local Warning System to notify new populations of impending severe weather or imminent hazards to reduce the loss of life and mitigate the effects of the hazards Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301060401,120301060307 County Collin **Existing 100-Year Flood Risk** # of structures Critical facilities 2 Population at risk 4 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 32 Roadway(s) impacted (miles) 1 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$250,000 Amount of available funding % Nature-Based 0 W-FM-6





Title Lindsay Flood Warning and Public Safety Improvements



ID# 032000002 Sponsor Lindsay RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Flood Measurement and Warning Strategy type Strategy description Citywide "reverse 911" to enable local emergency officials to notify emergency information pertaining to flood advisories, flood warnings, and flood evacuations. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 120301030403,120301030106,111302010707 Watershed HUC# (if known) County Cooke **Existing 100-Year Flood Risk** Population at risk 39 # of structures 36 Critical facilities 0 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) 2 Farm/Ranch land impacted (acres) 136 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$250,000 Amount of available funding % Nature-Based 0





Title Addition of Low Water Crossing Signs and Gates - City of Irving

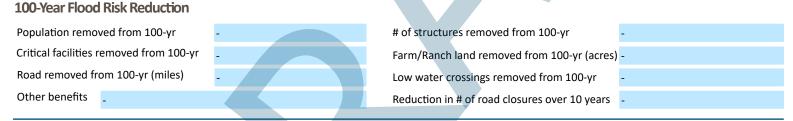
ID# 032000003 Sponsor Irving

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



Strategy type Flood Measurement and Warning Strategy description Identify and add low water crossing signs and gates to low water crossing areas as described in The Road to The Future Report. Associated FME's - Associated FMS's - Drainage area (mi², est.) 68 Watershed HUC# (if known) Dallas Existing 100-Year Flood Risk

Existing 100 real ribod rusk				
Population at risk 40,893	# of structures	4,589	Critical facilities 26	
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 1,387		Roadway(s) impacted (miles)	84	
Number of low water crossings 37		Historical road closures		

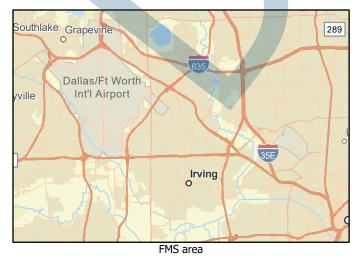


Negative impacts? No Negative impacts description - Water supply contributions? No Water supply contribution description -	Impacts		
Water supply contributions? No Water supply contribution description -	Negative impacts?	No	Negative impacts description
	Water supply contributions?	No	Water supply contribution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

Estimated Cost

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

Texas





Dallas

Loui

Richardson Flood Warning and Public Safety Improvements

032000004 Sponsor Richardson

Title



ID# RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Flood Measurement and Warning Strategy type Strategy description Monitor streams and waterways for potential flooding problems including installation of gauges, sensors, and precipitation measuring sites. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 29 120301060406,120301060407,120301050105,120301050104,1203010605 Watershed HUC# (if known) County **Dallas Existing 100-Year Flood Risk** Population at risk 613 139 Critical facilities 1 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 81 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction

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

Low water crossings removed from 100-yr

Reduction in # of road closures over 10 years

Impacts

Other benefits

Negative impacts? Nο Water supply contributions?

Road removed from 100-yr (miles)

Negative impacts description

Water supply contribution description No

Estimated Cost

Strategy Cost \$250,000 Amount of available funding



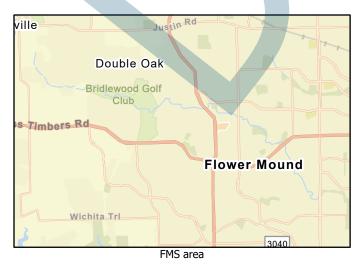


Title

Timber Creek Flood Warning System Installation



ID# 032000005 Sponsor Lewisville RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Strategy type Flood Measurement and Warning Strategy description Purchase and Install Flood Warning Systems in Key Areas Along Timber Creek Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301031002 County Denton **Existing 100-Year Flood Risk** # of structures 140 Critical facilities 1 Population at risk 475 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 38 3 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? Water supply contribution description No **Estimated Cost** Strategy Cost \$250,000 Amount of available funding \$-





Houston County Stream and Rain Gauge Installation

032000006 Sponsor Houston County

Title



1D# 032000006 3poil	Houston C	Lounty							
RFPG recommend? Yes		Reason for Recommenda	ation /	Action aligns with g	goals and	d meets TW	DB guidance		
Strategy Details									
Strategy type	Flood Measur	rement and Warning							
Strategy description	Install stream	and rain gauges in flood pro	ne area	s and waterways as	s part of	f new alert	notification sys	stem	
Associated FME's	-			Associate	ed FMP's	s -			
Associated FMS's	-						, .2		
Watershed HUC# (if known)	12030103040	3,120301030106,11130201	0707			Drainag	ge area (mi², e	st.) 1,232	
watershed from (ii known)						County		Houst	on
Existing 100-Year Flood F	Risk								
Population at risk 113		# of structures	142			Critical f	acilities 10		
Flood risk type: Riverine?	? Yes	Coastal? No	Lo	cal? No		Playa?	No	Other?	No
Farm/Ranch land impacted (a	acres) 4,593		Roady	way(s) impacted (m	niles)	110			
Number of low water crossin	ngs 45		Histor	rical road closures					
100-Year Flood Risk Redu									
			_						
Population removed from 10			#	of structures remo	oved fror	m 100-yr	-		
Critical facilities removed fro	m 100-yr		Fa	arm/Ranch land rer	moved f	from 100-yr	(acres) -		
Road removed from 100-yr (miles) -		Lo	ow water crossings	remove	ed from 100	-yr -		
Other benefits _			R	eduction in # of roa	ad closu	res over 10	years -		
Impacts									
Negative impacts?	No N	Negative impacts description	1	_					
Water supply contributions?		Water supply contribution de		n -					
	110	react supply contribution at	Scriptio	"					
Estimated Cost									





Sponsor Hunt County

ID#

032000007

Title Hunt County Flood Warning and Public Safety



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Strategy type Flood Measurement and Warning Strategy description Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 879 Watershed HUC# (if known) 120301030403,120301030106,111302010707 County Hunt **Existing 100-Year Flood Risk** # of structures 27 Critical facilities 0 Population at risk 7 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 2,159 4 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$250,000 Amount of available funding % Nature-Based 0





City of Kemp Siren Notification System Title



ID# 032000008 Sponsor Kemp RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Strategy type Flood Measurement and Warning Strategy description Install siren notification system for disasters, including dam failure of Kemp Lake Dam Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301070206,120301070302,120301070110,120301070111,1203010703 County Kaufman **Existing 100-Year Flood Risk** # of structures 6 Critical facilities 2 Population at risk 11 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 93 5 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**

Estimated Cost

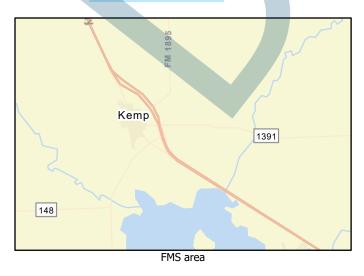
Negative impacts?

Water supply contributions?

Strategy Cost \$250,000 Amount of available funding

Negative impacts description

Water supply contribution description



Nο

No



Leon County Local Flood Warning System

Title



ID# 032000009 Sponsor Leon County RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Strategy type Flood Measurement and Warning Strategy description This action proposes a local flood warning system to reduce the potential impacts of future flood events Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 1,076 Watershed HUC# (if known) 120301030403,120301030106,111302010707 County Leon **Existing 100-Year Flood Risk** # of structures 77 Critical facilities 11 Population at risk 50 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 5,219 Roadway(s) impacted (miles) 100 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No

Estimated Cost

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





Title Rockwall County Warning Signs and Flood Control Gates

ID# 032000010 Sponsor Rockwall County

RFPG recommend? Yes

Estimated Cost

- House and the second of the

Reason for Recommendation



Action aligns with goals and meets TWDB guidance

Strategy type Flood Measurement and Warning Strategy description Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control Associated FME's - Associated FMP's Associated FMS's - Drainage area (mi², est.) 148 Watershed HUC# (if known) 120301060409,120301060402,120301060502,120301060401,1201000103 County Rockwall

Existing 100-Year Flood Risk						
Population at risk 1,553	# of structures	411	Critical facilities 10			
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No Other? No			
Farm/Ranch land impacted (acres) 4,485		Roadway(s) impacted (miles)	34			
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







Chambers Creek Stream Flow Monitoring System Title

Sponsor Everman

RFPG recommend? Yes

032000011

ID#

Reason for Recommendation

Action aligns with goals and meets TWDB guidance



Strategy Details Strategy type Flood Measurement and Warning Strategy description Implement a Stream Flow Monitoring system that will allow for historical tracking and constant monitoring of water levels to assist with early warnings to residents Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301020403 County **Tarrant Existing 100-Year Flood Risk** # of structures 272 Critical facilities 2 Population at risk 1,006 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 86 Roadway(s) impacted (miles) 6

100-Year Flood Risk Reduction

Number of low water crossings

Population removed from 100-yr

Critical facilities removed from 100-yr

Road removed from 100-yr (miles)

Other benefits

of structures removed from 100-yr

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

Low water crossings removed from 100-yr

Reduction in # of road closures over 10 years

Impacts

Negative impacts? Water supply contributions?

Nο No Negative impacts description

Water supply contribution description

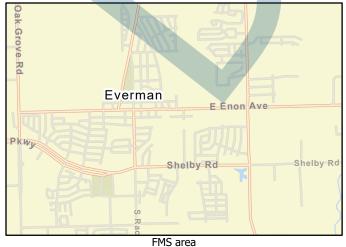
Estimated Cost

Strategy Cost

\$250,000

Amount of available funding \$-

Historical road closures





Creek Level Monitoring Systems and Weather Stations Installation

ID# 032000012 Sponsor Mansfield

Title



STRINI

RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Flood Measurement and Warning Strategy type Strategy description Install creek level monitoring systems and weather stations Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 36 Watershed HUC# (if known) 120301020603,120301020601,120301020604,120301020605,1203010204 County **Tarrant Existing 100-Year Flood Risk** # of structures 422 Critical facilities 4 Population at risk 2,492 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 779 Roadway(s) impacted (miles) 30 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$250,000 Amount of available funding \$-% Nature-Based 0





Dalworthington Flood Warning System Title

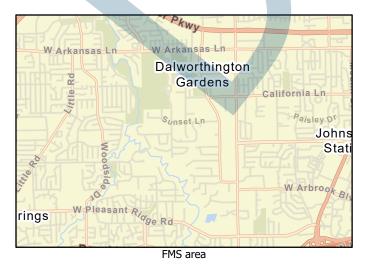


ID# 032000013 Sponsor Dalworthington RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Flood Measurement and Warning Strategy type Strategy description Purchase and install a technological based high water detection system for low water crossings to mitigate the hazards when the location floods Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301020405 County **Tarrant Existing 100-Year Flood Risk** # of structures 12 Critical facilities 0 Population at risk 25 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 16 1 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο

Water supply contributions? Water supply contribution description No

Estimated Cost

Strategy Cost \$300,000 Amount of available funding % Nature-Based 0

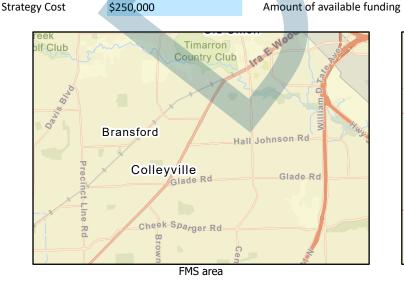




Title Colleyville Flood Warning System



ID# 032000014 Sponsor Colleyville RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Flood Measurement and Warning Strategy type Strategy description Enhance high water warning system by adding automatic gates on the streets that normally flood Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 13 Watershed HUC# (if known) 120301020704,120301020505,120301020703 County **Tarrant Existing 100-Year Flood Risk** # of structures 156 Critical facilities 4 Population at risk 735 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 132 5 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost**





Title Haslet Flood Warning System



ID# 032000015 Spon	nsor Haslet			REGIO	NAL FLOOD I	PLANNING GRO	UP
RFPG recommend? Yes	Rea	son for Recommendati	ion Action ali	ans with anals a	nd meets TWDB guida	ance	
in a recommend.	rica	Son for Recommendati	Action an	5113 With Boals al	Tid Meets TWDD galar	unce	
Strategy Details							
Strategy type	Flood Measurement	and Warning					
Strategy description	Install flood warning	devices to low water o	crossing.				
Associated FME's	-			Associated FMF	P's -		
Associated FMS's	-				Drainage area (r	mi², est.)	
Watershed HUC# (if known)	120301040301,1203	01040302,120301020	703,120301020	503	Brainage area (i	111 , CSC.)	
					County	Tarrant	
Existing 100-Year Flood F	Risk						
Population at risk 103		# of structures	39		Critical facilities	1	
Flood risk type: Riverine	? Yes C	oastal? No	Local?	No	Playa? No	Other? No	
Farm/Ranch land impacted (acres) 528		Roadway(s) im	pacted (miles)	2		
Number of low water crossin	ngs 6		Historical road	closures			
100-Year Flood Risk Redu	uction						
Population removed from 10)0-yr -		# of struct	ures removed fro	om 100-yr		
Critical facilities removed fro	m 100-yr		Farm/Rand	ch land removed	I from 100-yr (acres) -		
Road removed from 100-yr (miles)		Low water	crossings remov	ved from 100-yr		
Other benefits _			Reduction	in # of road clos	sures over 10 years -		
Impacts Negative impacts? Water supply contributions?		e impacts description upply contribution des	- scription -				
Estimated Cost							
Strategy Cost \$250,0	000	Amount of available	le funding \$-			% Nature-Based 0	
					Dallas]





Title Additional Rain/Stream Gauges for 13 locations

ID# 032000016 Sponsor Grand Prairie



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

Strategy Details

Strategy type Flood Measurement and Warning

Strategy description West Fork Trinity River at MacArthur Blvd, Bowman Creek at Mirabella Blvd, Cottonwood Creek at Robinson Road, Johnson

Creek at Duncan Perry Road, Foster Branch at Seeton Road, Mountain Creek at county road FM 661, Carrier Parkway

underneath I-20, Robinso

Associated FME's - Associated FMP's

Associated FMS's - Drainage area (mi², est.) 81

Watershed HUC# (if known) 120301020603,120301020606,120301020607,120301020601,1203010207

County Dallas

Existing 100-Year Flood Risk

Population at risk 3,471 # of structures 442 Critical facilities 8

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

Farm/Ranch land impacted (acres) 1,927 Roadway(s) impacted (miles) 40

Number of low water crossings 25 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 -

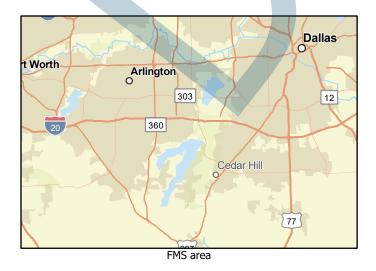
Impacts

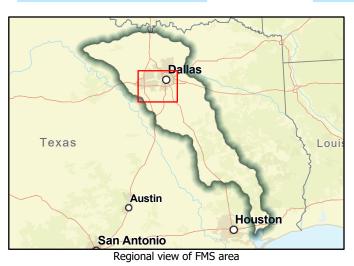
Negative impacts? No Negative impacts description

Water supply contributions? No Water supply contribution description

Estimated Cost

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





Title Additional Low Water Crossing Flashing Lights and Automated Gates

ID# 032000017 Sponsor Grand Prairie

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



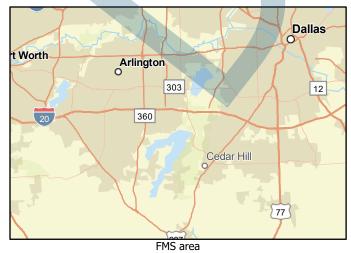
Strategy type Strategy description Duncan Perry Road between Ave K and Sherwood Drive, Riverside Pkwy LWC (lights already in place need gates added), SW 3rd from Phillips Ct to Dickey Road (gates being added in September 2021) Associated FME's Associated FMS's Watershed HUC# (if known) L20301020603,120301020606,120301020607,120301020601,1203010207 County Dallas

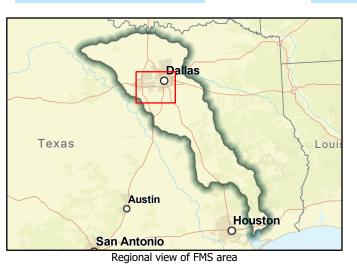
Existing 100-Year Flood Risk			
Population at risk 3,471	# of structures	442	Critical facilities 8
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No Other? No
Farm/Ranch land impacted (acres) 1,927		Roadway(s) impacted (miles)	40
Number of low water crossings 25		Historical road closures	

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 -









Grayson County Flood Warning and Public Safety Improvements

ID# 032000018 Sponsor Grayson County

Title



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Flood Measurement and Warning Strategy type Strategy description Create improved gauge notification system. Increased Public Awareness prior to occurrences and during flooding. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 976 Watershed HUC# (if known) 120301020603,120301020601,120301020604,120301020605,1203010204 County Grayson **Existing 100-Year Flood Risk** 436 Critical facilities 12 Population at risk 541 # of structures Flood risk type: Riverine? 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 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 \$250,000 Amount of available funding \$- % Nature-Based 0





Title Dallas County Floodplain Management

ID# 032000019 Sponsor Dallas County



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

Strategy Details

Strategy type Regulatory and Guidance

Strategy description Manage the Floodplain beyond the minimum requirements. This action will include developing an incentive program for

building above the required freeboard minimum

Associated FME's - Associated FMP's

Associated FMS's

Drainage area (mi², est.) 905

Watershed HUC# (if known) 120301030402,120301030404

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 \$1,000,000 Amount of available funding \$- % Nature-Based 0





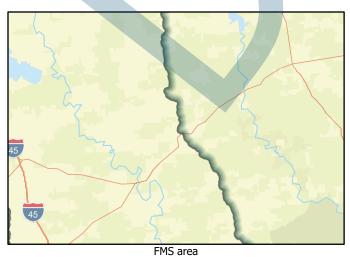
Anderson County Structure Permitting Requirement Update

032000020 Sponsor Anderson County

Title



on aligns with goals and meets TWDB guidance
ctures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain ariance in SFHA
Associated FMP's -
Drainage area (mi², est.) 1,073
County Anderson
Critical facilities 11
No Playa? No Other? No
s) impacted (miles) 73
road closures -
ructures removed from 100-yr
Ranch land removed from 100-yr (acres) -
vater crossings removed from 100-yr
etion in # of road closures over 10 years -
\$- % Nature-Based 0





Title Flood Protection Ordinance Updates

ID#

032000022 Sponsor Corinth, Hickory Creek, Lake Dallas, Little Elm, Shady



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Regulatory and Guidance Strategy type Strategy description Develop and Implement a City and Town flood protection ordinance Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 56 Watershed HUC# (if known) 120301030905,120301030705,120301030904,120301030906,1203010309 County Denton **Existing 100-Year Flood Risk** # of structures 381 Critical facilities 12 Population at risk 1,062 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 1,614 31 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based





Hill County Flooding Regulations Update Title

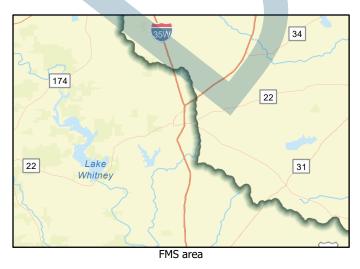


ID# 032000023 Sponsor Hill County

RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Regulatory and Guidance Strategy type Strategy description Catalog, evaluate, and update any floodplain regulations within the City to comply with the latest FEMA regulations. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 982 Watershed HUC# (if known) 120301080108,120301080106 County Hill **Existing 100-Year Flood Risk** # of structures 127 Critical facilities 4 Population at risk 109 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 24,902 24 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? Water supply contribution description No

Estimated Cost

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

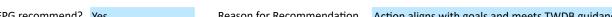




Freestone County Flood Damage Prevention Ordinance

ID# 032000024 Sponsor Freestone County

Title

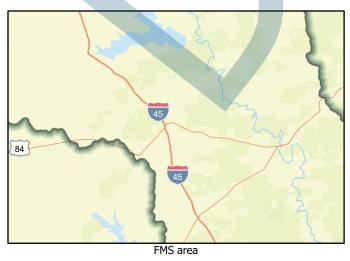




RFPG recommend? Yes	Reason fo	or Recommenda	ation Action a	lligns with goals a	and meets TW	'DB guidance				
Strategy Details										
Strategy type	Regulatory	and Guidance								
Strategy description	Develop ar	velop and Implement a Flood Damage Prevention Ordinance								
Associated FME's	-				Associated FM	IP's -				
Associated FMS's	-					Drainac	re area (mi² es	st.) 888		
Watershed HUC# (if known)	120301030	0402,120301030	0404			Drainag	ainage area (mi², est.)			
						County		Freest	one	
Existing 100-Year Flood I	Risk									
Population at risk 389		#	of structures	557		Critical f	acilities 13			
Flood risk type: Riverine	? Yes	Coastal	? No	Local?	No	Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 21,75	53		Roadway(s) i	mpacted (miles)	91				
Number of low water crossin	ngs 31			Historical roa	d closures					
100-Year Flood Risk Redu	uction									
Population removed from 10	00-yr	-		# of struc	ctures removed fi	rom 100-yr	-			
Critical facilities removed fro	m 100-yr	-		Farm/Ra	nch land removed	d from 100-yr	(acres) -			
Road removed from 100-yr (miles)	-		Low wate	er crossings remo	ved from 100	-yr			
Other benefits _				Reductio	n in # of road clo	sures over 10	years -			
Impacts										
Negative impacts?	No	Negative imp	acts description	-						
Water supply contributions?	No	Water supply	contribution de	escription -						



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





Title Caney City Floodproofing Ordinances



ID# 032000025 Sponsor Caney City RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Regulatory and Guidance Strategy type Strategy description Implement ordinances to ensure new housing developments meet current floodproofing, as well as ensure that critical facilities owned by jurisdiction are protected from flood. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301070307,120301070309 County Henderson **Existing 100-Year Flood Risk** # of structures Critical facilities 0 Population at risk 4 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 4 1 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





Leon County Floodplain Construction Restrictions Re-Evaluation

D# 032000026 Sponsor Leon County

Title



1D# 032000026 3por	isoi Leon Cot	inty					
RFPG recommend? Yes		Reason for Recommenda	ation Action al	igns with goals a	nd meets TWDB gui	dance	
Strategy Details							
Strategy type	Regulatory a	nd Guidance					
Strategy description		proposes a re-evaluation of a uce future damages during fl		olain construction	restrictions to idea	ntify strengths and v	weaknesses ir
Associated FME's	-			Associated FMF	P's -		
Associated FMS's	-				Danie	(11:2 - 14) 1 076	
Watershed HUC# (if known)	1203010703	07,120301070309			Drainage area	(mi², est.) 1,076	
					County	Leon	
Existing 100-Year Flood	Risk						
Population at risk 0		# of structures	0		Critical facilities	11	
Flood risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa? No	Other?	No
Farm/Ranch land impacted (acres) 0		Roadway(s) im	npacted (miles)	100		
Number of low water crossing	ngs 31		Historical road	closures			
100-Year Flood Risk Red	uction						
Population removed from 10	00-yr -		# of struct	cures removed fro	om 100-yr	-	
Critical facilities removed fro	m 100-yr		Farm/Ran	ch land removed	from 100-yr (acres)) -	
Road removed from 100-yr (miles) _		Low water	r crossings remov	ved from 100-yr	-	
Other benefits _			Reduction	in # of road clos	ures over 10 years	-	
Impacts							
Negative impacts?	No	Negative impacts description	n -				
Water supply contributions?	No	Water supply contribution d	escription -				
Estimated Cost							
Strategy Cost \$100,0	000	Amount of availa	ble funding \$-			% Nature-Based	0





Rockwall County Flood Prevention Ordinance Title

Sponsor Rockwall County

ID# 032000027

100-Year Flood Risk Reduction

Estimated Cost

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



Strategy Details Strategy type Regulatory and Guidance Strategy description Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 148 120301060409,120301060402,120301060502,120301060401,1201000103 Watershed HUC# (if known) County Rockwall

Existing 100-Year Flood Risk # of structures 411 Critical facilities 10 Population at risk 1,553 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 4,485 34 Number of low water crossings Historical road closures

100 Icai i loca Nisk Nedaetkili		
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



FMS area



San Jacinto County Ordinance to Control Location of Development

Title

ID# 032000028 Sponsor San Jacinto County, Shepherd, Coldspring, Point



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Regulatory and Guidance Strategy type Strategy description Strengthen ordinance(s)/code(s) to control location of development, especially in low lying flood hazard areas Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 10 Watershed HUC# (if known) 120302021104,120302021105,120401030307,120302021207,1203020212 County San Jacinto **Existing 100-Year Flood Risk** # of structures 270 Critical facilities 3 Population at risk 875 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) 7 Farm/Ranch land impacted (acres) 74 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0



San Antonio

Regional view of FMS area

Houston

Austin

Dallas

Loui

Texas

Title Montague County Floodplain Policy Update



ID# 032000029 Sponsor Montague County

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

Strategy Details Strategy type Regulatory and Guidance Strategy description Increase freeboard requirements for permitting structures in the SFHA; Update local flood ordinance to prohibit granting of variance in SFHA Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 933 120302021104,120302021105,120401030307,120302021207,1203020212 Watershed HUC# (if known) County Montague **Existing 100-Year Flood Risk**

Population at risk 0		# of structures	0		Critical	facilities 4		
Flood risk type: Riverine?	es (Coastal? No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acre	s) 0		Roadway(s) i	mpacted (miles) 57			
Number of low water crossings	20		Historical roa	d 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) - 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 \$100,000 Amount of available funding \$- % Nature-Based 0





Town of Westlake's Floodplain Mitigation Ordinances Review Title

ID# 032000030 Sponsor Westlake

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



Strategy Details Regulatory and Guidance Strategy type Strategy description Review and enhance the Town of Westlake's floodplain mitigation ordinances and policies as needed Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301040305 County **Tarrant Existing 100-Year Flood Risk** # of structures 17 Critical facilities 0 Population at risk 114 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) 2 Farm/Ranch land impacted (acres) 236 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction

Population removed from 100-yr Critical facilities removed from 100-yr

Road removed from 100-yr (miles)

Other benefits

of structures removed from 100-yr

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

Low water crossings removed from 100-yr

Reduction in # of road closures over 10 years

Impacts

Negative impacts? Water supply contributions?

No No

Negative impacts description

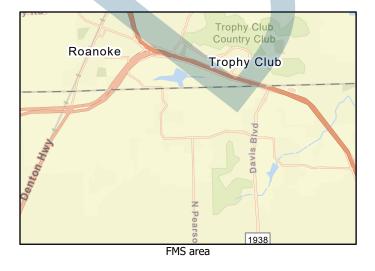
Water supply contribution description

Estimated Cost

Strategy Cost

\$100,000

Amount of available funding \$-





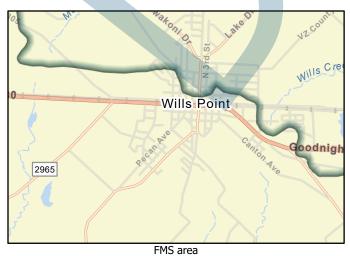
Wills Point Structure Permitting Requirement Update Title



ID# 032000031 Spon	isor Wills Poin	t				
RFPG recommend? Yes		Reason for Recommenda	ation Action a	ligns with goals	and meets TWDB guidan	ce
Stratomy Dotails						
Strategy Details						
Strategy type	Regulatory an	d Guidance				
Strategy description		board requirements for per Tood ordinance	mitting structu	es in the SFHA;	; Adopt a "no-rise" in BF	FE in the 100-year floodplain
Associated FME's	-			Associated FM	1P's -	
Associated FMS's	-				Drainage area (mi²	² . est.) 2
Watershed HUC# (if known)	12030107020	3,120100010501			Drainage area (IIII	, est.) Z
					County	Van Zandt
Existing 100-Year Flood I	Risk					
Population at risk 91		# of structures	25		Critical facilities 1	
Flood risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa? No	Other? No
Farm/Ranch land impacted (acres) 24		Roadway(s) ir	mpacted (miles)	1	
Number of low water crossin	ngs 0		Historical roa	d closures		
100-Year Flood Risk Redu	uction					
Population removed from 10	00-yr -		# of struc	tures removed f	rom 100-yr	
Critical facilities removed fro	m 100-yr		Farm/Rar	nch land remove	d from 100-yr (acres) -	
Road removed from 100-yr (miles) _		Low wate	er crossings remo	oved from 100-yr	
Other benefits _			Reduction	n in # of road clo	osures over 10 years -	
Impacts						
Negative impacts?	No N	Negative impacts description	-			
Water supply contributions?	No V	Vater supply contribution de	escription -			
Estimated Cost						



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



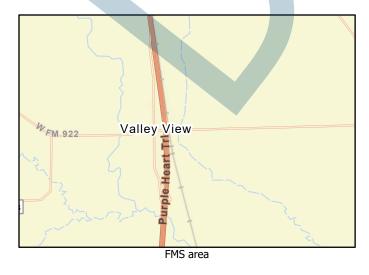


Valley View Floodplain Regulation Updates Title



ID# 032000033 Sponsor Valley View RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Regulatory and Guidance Strategy type Strategy description Update local ordinances to include regulation of floodplain so that the community may participate in NFIP program. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301030402,120301030404 County Cooke **Existing 100-Year Flood Risk** # of structures Critical facilities 0 Population at risk 5 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 92 1 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost**

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





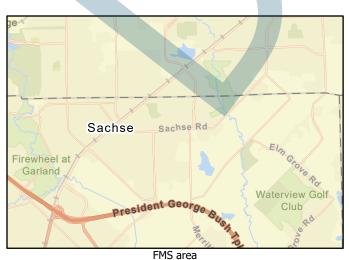
Title City of Sachse Parks Construction Along Low Lying Areas

REGIONAL FLOOD PLANNING GROU

STRINI

ID# 032000034 Sponsor Sachse

RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Strategy type Other Strategy description Establish city parks along low-lying areas Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 10 Watershed HUC# (if known) 120301060406,120301060408,120301060403 County **Dallas Existing 100-Year Flood Risk** # of structures 71 Critical facilities 0 Population at risk 240 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 254 4 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$1,000,000 Amount of available funding % Nature-Based





Title Carrollton Targeted Flood Remediation



ID# 032000035 Sponsor Carrollton

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 Plan for and establish City-owned stand-by contracts for targeted flood remediation of private homes if authorized by City

Administration.

Associated FME's - Associated FMP's

Associated FMS's - Drainage area (mi², est.) 37

Watershed HUC# (if known) 120301040307,120301031002,120301031005,120301031004,1203010310

County Dallas

Existing 100-Year Flood Risk

Population at risk 15,723 # of structures 1,068 Critical facilities 15

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

Farm/Ranch land impacted (acres) 617 Roadway(s) impacted (miles) 48

Number of low water crossings 23 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 _

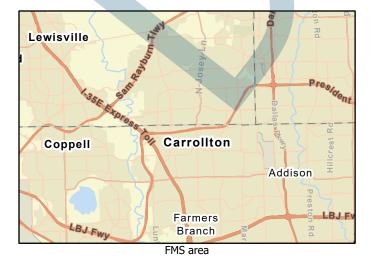
Impacts

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

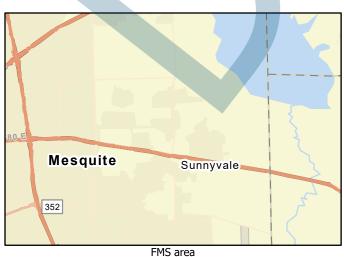




Sunnyvale Floodplain Preservation Program



Title ID# 032000036 Sponsor Sunnyvale RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Strategy type Regulatory and Guidance Strategy description Restrict future development in high risk areas. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 17 Watershed HUC# (if known) 120301060409,120301060501,120301060503 County **Dallas Existing 100-Year Flood Risk** # of structures 54 Critical facilities 1 Population at risk 164 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 1,002 6 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based 0





Title Itasca Zoning Regulations and Land Use Planning Mechanisms



Strategy Details Strategy Details Strategy type Regulatory and Guidance Strategy description Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use plan mechanisms to ensure flood-resistant development occurs in flood-prone areas Associated FMP's - Associated FMP's - Drainage area (mi², est.) 1 Watershed HUC# (if known) 120602020501,120301090107 Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 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 -	GIONAL PLOOD PLANNING GROOP
Strategy type Regulatory and Guidance Strategy description Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use plan mechanisms to ensure flood-resistant development occurs in flood-prone areas. Associated FME's Associated FMS's Watershed HUC# (if known) Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Number of low water crossings 0 Historical road closures -	goals and meets TWDB guidance
Strategy type Regulatory and Guidance Strategy description Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use plan mechanisms to ensure flood-resistant development occurs in flood-prone areas. Associated FME's Associated FMS's Watershed HUC# (if known) Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Number of low water crossings 0 Historical road closures 100-Year Flood Risk Reduction	
Strategy type Regulatory and Guidance Strategy description Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use plan mechanisms to ensure flood-resistant development occurs in flood-prone areas. Associated FME's Associated FMS's Watershed HUC# (if known) Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Number of low water crossings 0 Historical road closures -	
Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use plan mechanisms to ensure flood-resistant development occurs in flood-prone areas. Associated FME's Associated FMP's Watershed HUC# (if known) 120602020501,120301090107 Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures	
Associated FME's Associated FMS's Watershed HUC# (if known) Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Number of low water crossings 0 Historical road closures Associated FMP's County Hill County Hill Critical facilities 0 Roadway(s) impacted (miles) 0 Historical road closures	
Associated FMS's Watershed HUC# (if known) 120602020501,120301090107 Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Number of low water crossings 0 Historical road closures 100-Year Flood Risk Reduction	
Watershed HUC# (if known) 120602020501,120301090107 County Hill Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures	eed FMP's -
Watershed HUC# (if known) 120602020501,120301090107 County Hill Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Number of low water crossings 0 Historical road closures 100-Year Flood Risk Reduction	Drainage area (mi² est.)
Existing 100-Year Flood Risk Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures	Dialilage area (IIII , esc.)
Population at risk 2 # of structures 4 Critical facilities 0 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures -	County Hill
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 26 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures -	
Farm/Ranch land impacted (acres) 26 Number of low water crossings 0 Historical road closures 100-Year Flood Risk Reduction	Critical facilities 0
Number of low water crossings 0 Historical road closures - 100-Year Flood Risk Reduction	Playa? No Other? No
100-Year Flood Risk Reduction	niles) 0
Population removed from 100-yr - # of structures removed from 100-yr -	
	oved from 100-yr
Critical facilities removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -	moved from 100-yr (acres) -
Road removed from 100-yr (miles) - Low water crossings removed from 100-yr -	s removed from 100-yr
Other benefits _ Reduction in # of road closures over 10 years -	ad closures over 10 years -
Impacts	
Negative impacts? No Negative impacts description -	
Water supply contributions? No Water supply contribution description -	

Estimated Cost

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





Title Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas

Areas

ID# 032000038 Sponsor Kaufman County



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Regulatory and Guidance Strategy type Strategy description Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 804 120301030402,120301030404 Watershed HUC# (if known) County Kaufman **Existing 100-Year Flood Risk** Critical facilities 26 Population at risk 4,193 # of structures 2.086 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 88,118 148 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based awakoni





Tarrant County Promotion of Open Space and LID

STRINIT

ID# 032000039 Sponsor North Central Texas Council of Govt

RFPG recommend? Yes Reason for Recommendation

Action aligns with goals and meets TWDB guidance

Strategy Details

Title

Strategy type Regulatory and Guidance

Strategy description Promote the inclusion of low impact development requirements in local and regional ordinances

Associated FMP's Associated FME's

Associated FMS's Drainage area (mi², est.) 900

Watershed HUC# (if known) 120301020403

County **Tarrant**

Existing 100-Year Flood Risk

14.853 Critical facilities 109 Population at risk 78,224 # of structures

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

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

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

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

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

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

Other benefits Reduction in # of road closures over 10 years

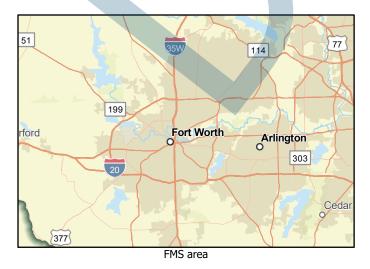
Impacts

Negative impacts? Negative impacts description Nο

Water supply contributions? Water supply contribution description No

Estimated Cost

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





Title Dallas County Land Use Program



ID# 032000041 Sponsor Richardson RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Regulatory and Guidance Strategy type Strategy description Continue to develop and maintain special use parks and green belt areas as flooding mitigation strategies & further prohibiting development in the floodplain. Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 29 120301060406,120301060407,120301050105,120301050104,1203010605 Watershed HUC# (if known) County **Dallas Existing 100-Year Flood Risk** Population at risk 613 139 Critical facilities 1 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 81 Roadway(s) impacted (miles) Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$100,000 Amount of available funding % Nature-Based





Houston County Maintenance Program

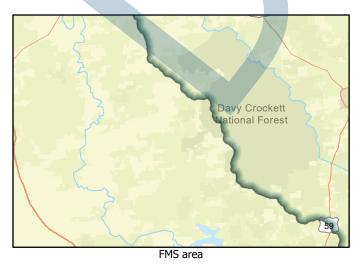


ID# 032000042 **Sponsor Houston County** RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Other Strategy type Strategy description Devleop a maintenance program to clear debris from bridges, box culverts, and drainage systems throughout. Implement program to clear debris from flood-prone areas, bridges, drains and culverts to prevent overtopping and backup during flash floods Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 1,232 120602020501,120301090107 Watershed HUC# (if known) County Houston **Existing 100-Year Flood Risk** # of structures Critical facilities 10 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) 110 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No

Estimated Cost

Title

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





Kaufman County Agreement to Monitor High Hazard Dams

ID# 032000043 Sponsor Kaufman County, Terrell, Kemp, Kaufman



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Other Strategy type Strategy description Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 804 Watershed HUC# (if known) 120301030402,120301030404 County Kaufman **Existing 100-Year Flood Risk** Critical facilities 26 Population at risk 4,193 # of structures 2.086 Flood risk type: Riverine? 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 Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο

Water supply contributions? No Water supply contribution description

Estimated Cost

Title

Strategy Cost \$300,000 Amount of available funding \$- % Nature-Based 0





Rowlett Creek Tributary Maintenance Program

Other

ID# 032000044 Sponsor Sachse

RFPG recommend? Yes Reason for Recommendation

Action aligns with goals and meets TWDB guidance



Strategy Details

Title

Strategy type

Strategy description

Develop a maintenance program including routine channel maintenance and erosion control for Rowlett Creek Tributary

Associated FMP's

(Stream 2D13). Keep creek and inlets clear of debris and overgrown vegetation.

Associated FME's

Associated FMS's

Watershed HUC# (if known)

120301060409,120301060402,120301060406,120301060407,1203010501

57

County

Dallas

Existing 100-Year Flood Risk

Population at risk 7,586

Flood risk type:

of structures

Coastal? No

1.005

Local?

No

Playa?

30

No

Critical facilities 6

Drainage area (mi², est.)

Other?

No

Farm/Ranch land impacted (acres) 627

Riverine?

Roadway(s) impacted (miles)

Historical road closures

100-Year Flood Risk Reduction

Number of low water crossings

Population removed from 100-yr

Critical facilities removed from 100-yr

Road removed from 100-yr (miles)

Other benefits

of structures removed from 100-yr

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

Low water crossings removed from 100-yr

Reduction in # of road closures over 10 years

Impacts

Negative impacts?

Estimated Cost

Nο

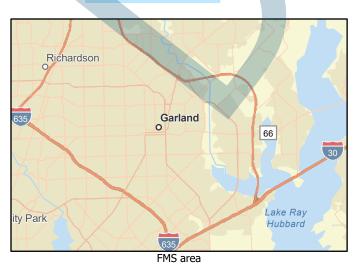
Negative impacts description

Water supply contributions? No

Water supply contribution description

Strategy Cost \$250,000 Amount of available funding

% Nature-Based 0





Regional view of FMS area

Title Addison-Carrollton Debris Cleaning Program

ID# 032000045 Sponsor Addison, Carrollton



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Other Strategy type Strategy description Develop and implement a program for clearing debris from bridges, drains and culverts. Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 42 Watershed HUC# (if known) 120301040307,120301031002,120301031005,120301031004,1203010310 County **Dallas Existing 100-Year Flood Risk** Critical facilities 15 Population at risk 16,581 # of structures 1.081 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 617 Roadway(s) impacted (miles) 49 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost**

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





Title Navarro County Waterways Clearing

ID# 032000046 Sponsor Corsicana



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

Strategy Details Other Strategy type Strategy description Develop a maintenance program to clear waterways of debris and prevent further collection of debris in waterways Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) 24 120301080403,120301090404,120301090405,120301080404,1203010802 Watershed HUC# (if known) County Navarro **Existing 100-Year Flood Risk** 487 Critical facilities 5 Population at risk 1,647 # of structures Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No

100-Year Flood Risk Reduction

Number of low water crossings

Farm/Ranch land impacted (acres) 797

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) - Low water crossings removed from 100-yr - Other benefits - Reduction in # of road closures over 10 years -

Roadway(s) impacted (miles)

Historical road closures

27

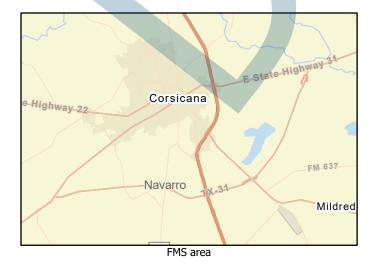
Impacts

 Negative impacts?
 No
 Negative impacts description

 Water supply contributions?
 No
 Water supply contribution description

Estimated Cost

Strategy Cost \$75,000 Amount of available funding \$- % Nature-Based 0





Weatherford Biannual Dam Inspection Program Title

Sponsor Weatherford

ID# 032000047

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



Strategy Details			
Strategy type	Other		
Strategy description	Create and implement a biannual inspection program to inspect the city-owner.	ed dams to help prevent dam	failure
Associated FME's	- Associated FMP's		
Associated FMS's		5 1 (12 1)	
Watershed HUC# (if known)	120301020205,120602011201,120301020103,120301020203,1203010202	Drainage area (mi², est.)	26
		County	Parker

Existing 100-Year Flood Risk

Population at risk 2,170	# of structures 520			Critical facilities 9				
Flood risk type: Riverine? You	es Co	oastal? No	Local?	No	Playa?	No	Other?	No
Farm/Ranch land impacted (acres	Roadway(s) i	mpacted (miles	18					
Number of low water crossings 10			Historical roa	d 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

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





Richland Hills Semi-Annual Levee Inspections

ID# 032000048 Sponsor Richland Hills

Title



RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details** Other Strategy type Strategy description Prepare an inspection program of the levee to look for any maintenance problems or levee failure issues Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120301020506,120301020505,120301020503 County **Tarrant Existing 100-Year Flood Risk** # of structures 404 Critical facilities 4 Population at risk 1,882 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 4 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$50,000 Amount of available funding % Nature-Based 0





Hazard Hardening Retrofit for Polk County Facilities Title

County,



RFPG recommend? Yes Reason for Recommendation

Sponsor Polk

Action aligns with goals and meets TWDB guidance

Strategy Details

032000050

ID#

Property Acquisition and Structural Elevation Strategy type

Strategy description Flood-proofing, impact resistant windows, storm shutters, roof straps, structural bracing, low-flow plumbing fixtures, roll-up door reinforcement, grounding systems, surge-protection, data back-up systems, plumbing reinforcement and insulation, heat

Livingston,

Associated FME's Associated FMP's

Corrigan,

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

Goodrich.

1,112 120302020601,120302020504 Watershed HUC# (if known)

County Polk

Existing 100-Year Flood Risk

Critical facilities 38 Population at risk 2,681 # of structures 1.797

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

Farm/Ranch land impacted (acres) 13,977 Roadway(s) impacted (miles) 95

Number of low water crossings Historical road closures

100-Year Flood Risk Reduction

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

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

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

Other benefits Reduction in # of road closures over 10 years

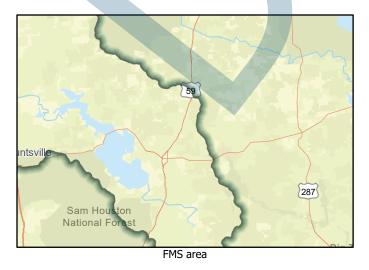
Impacts

Negative impacts? Negative impacts description Nο

Water supply contributions? Water supply contribution description No

Estimated Cost

Strategy Cost \$30,000,000 Amount of available funding % Nature-Based 0





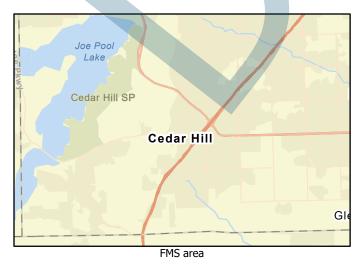
Title Acquire and Protect Red Oak Creek, Bentle Branch Creek, and Balcones Escarpment

ID# 032000051 Sponsor Cedar Hill

a fee December of the A. C. C. St. C. TANDO. C.



RFPG recommend? Yes		Reason for F	Recommendat	non Action a	aligns with goals a	nd meets TWDB gui	idance			
Strategy Details										
Strategy type	Property Acquisition and Structural Elevation									
Strategy description	Acquire areas	Acquire areas in the floodplain and protect environmentally sensitive areas and convert them into open space land								
Associated FME's	-				Associated FMI	P's -				
Associated FMS's	-									
Watershed HUC# (if known)	12030102060	03,12030105030	1,120301020	606,12030105	0201,120301090	Drainage area	(mi², est.) 32			
,						County	Dallas			
Existing 100-Year Flood F	Diele									
	/ISK			21-		Critical facilities				
Population at risk 3,969		# 01	fstructures	315		Critical facilities	5 2			
Flood risk type: Riverine	? Yes	Coastal?	No	Local?	No	Playa? No	Other?	No		
Farm/Ranch land impacted (acres) 216			Roadway(s) i	mpacted (miles)	17				
Number of low water crossin	gs 1			Historical roa	d closures					
100-Year Flood Risk Redu	uction									
Population removed from 10	0-yr -			# of stru	ctures removed fr	om 100-yr	-			
Critical facilities removed fro	m 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 _				Reductio	n in # of road clos	sures over 10 years	-			
Impacts										
Negative impacts?	No	Negative impact	s description	-						
Water supply contributions?	No	Water supply co	ntribution des	scription -						
Estimated Cost										
Strategy Cost \$5,000	,000	Amo	unt of availab	le funding \$			% Nature-Based	-		



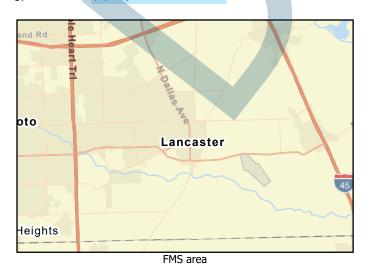


Title Ten Mile Creek Comprehensive Loss Reduction Program



ID# 032000052 Sponsor Lancaster RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details Property Acquisition and Structural Elevation** Strategy type Strategy description Develop a comprehensive loss reduction program, involving buy outs and relocation in areas along Ten Mile Creek to reduce losses and repetitive damages. Buyout structures that are in the floodplain. Land Acquisition for repetitive loss structures Associated FME's Associated FMP's Associated FMS's Drainage area (mi², est.) 33 Watershed HUC# (if known) 120301050107,120301050201,120301050202,120301050108,1203010503 County **Dallas Existing 100-Year Flood Risk** # of structures 316 Critical facilities 2 Population at risk 3,800 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 562 Roadway(s) impacted (miles) 13 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No

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



Estimated Cost



Title Midway Property Acquisition and Elevation Program



ID# 032000053 Sponsor Midway

RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance **Strategy Details Property Acquisition and Structural Elevation** Strategy type Strategy description Acquire existing homes located in the identified special flood hazard area (the 100-year floodplain). Associated FMP's Associated FME's Associated FMS's Drainage area (mi², est.) Watershed HUC# (if known) 120302020601,120302020504 County Madison **Existing 100-Year Flood Risk** # of structures 2 Critical facilities 1 Population at risk 6 Flood risk type: Riverine? Coastal? No Local? No Playa? No Other? No Roadway(s) impacted (miles) Farm/Ranch land impacted (acres) 42 0 Number of low water crossings Historical road closures 100-Year Flood Risk Reduction Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years **Impacts** Negative impacts? Negative impacts description Nο Water supply contributions? Water supply contribution description No **Estimated Cost** Strategy Cost \$5,000,000 Amount of available funding % Nature-Based 0





Montague County Property Acquisition and Land Preservation Program

ID# 032000054 Sponsor Montague County

Title



RFPG recommend? Yes		Reason for Recommend	Action aligns with goals and meets TWDB guidance							
Strategy Details										
Strategy type	Property Ad	Property Acquisition and Structural Elevation								
Strategy description	Acquire and	Acquire and preserve open space adjacent to floodplain areas.								
Associated FME's	-				Associated FM	P's -				
Associated FMS's	-					Duning	(:2 -			
Watershed HUC# (if known)	120301060	406,120301060408,12030106	50403			Draina	ge area (mi², e	st.) 933		
						County	/	Monta	ague	
Existing 100-Year Flood I	Risk									
Population at risk 0		# of structures	0			Critical	facilities 4			
Flood risk type: Riverine	? Yes	Coastal? No	L	ocal?	No	Playa?	No	Other?	No	
Farm/Ranch land impacted (acres) 0		Road	lway(s) im	pacted (miles)	57				
Number of low water crossin	ngs 20		Histo	rical road	closures					
100-Year Flood Risk Redu	uction									
Population removed from 10	00-yr		#	# of structures removed from 100-yr						
Critical facilities removed fro	m 100-yr	-	F	arm/Rand	ch land removed	from 100-y	(acres) -			
Road removed from 100-yr (miles)	-	ı	ow water	crossings remo	ved from 100)-yr -			
Other benefits _			F	Reduction	in # of road clos	sures over 10	years -			
Impacts										
Negative impacts?	No	Negative impacts descriptio	n	-						
Water supply contributions?	Vater supply contributions? No Water supply contribution description -									
Estimated Cost										
Stratogy Cost SE 000	000	Amount of avails	abla fun	ding ¢			0/ 1			

