#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD Bowie County NFIP Involvement** Title **PLANNING GROUP REGION 2** ID# 022000012 Sponsor Bowie County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 920 Watershed HUC# (if known) County Bowie **Existing 100-Year Flood Risk** Critical facilities 19 Population at risk 9,746 # of structures 2,657 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 30,919 Roadway(s) impacted (miles) 314 Number of low water crossings 7 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based In the second 259 exar Red River Army Depot Dallas C 67 59

FMS area

ГІС	Flood Management Strategy (FIVIS)									LOWER RED-SULPHUR-CYPRESS					
Title	Camp Count	y NFIP In	volvement								l FLC G GR(				
ID#	022000013	Spon	sor Camp (	County						REGI		JOF			
RFPG r	recommend?	Yes		Reas	on for Recommend		nproves u surance a	understanding o available	of flood ri	sk, reduc	es future	risks, an	d makes flood		
Strat	egy Details														
Strate	egy type		Regulatory	and Guida	ince										
Strate	gy description	ı	Application	n to join NF	IP or adoption of ea	quivalent s	tandards	;							
Assoc	iated FME's		-				,	Associated FMP	's -						
Assoc	iated FMS's		-												
Water	rshed HUC# (if	known)	111403050	)203,1114(	)3050201,11140305	50310,111	4030503	02,1114030502		age area	(mi², est.)	203			
Water		iaio any							Coun	ty		Camp			
Existi	ing 100-Year	Flood F	Risk								_				
Popula	ation at risk <mark>6</mark>	19			# of structures	256			Critical	facilities	4				
Flood	risk type:	Riverine	Yes	Co	astal? No	Loca	al? N	No	Playa?	No	(	Other?	No		
Farm/	Ranch land im	npacted (a	acres) <mark>359</mark>			Roadw	ay(s) imp	acted (miles)	30						
Numb	per of low wate	er crossin	gs 1			Historio	cal road c	closures	-99,999						
100-Y	/ear Flood R	isk Redi	uction												
	ation removed			00.000		# 0	fstructu	res removed fro	m 100 yr		-99,999				
	al facilities rem		-	-99,999				a land removed		(acroc)	,				
	removed from		-	-99,999 -99,999				crossings removed			-99,999				
	h a n afita	one		-55,555				n # of road closu			-99,999				
		UIIE				net				o years	-33,333				
Impa	acts														
Negat	ive impacts?		No	Negative	impacts description	n	No neg	ative impact							
Water	r supply contri	butions?	No	Water su	pply contribution d	escription	-								
	nated Cost	6400-	00		American	hin for th							•		
Strate	egy Cost	\$100,0	00		Amount of availa	able fundir	ng Ş-				% Natu	ure-Based	0		
			271	sburg	49	Dáing		Dail	llas						

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD Cass County NFIP Involvement** Title **PLANNING GROUP REGION 2** ID# 022000014 Sponsor Cass County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 957 Watershed HUC# (if known) County Cass **Existing 100-Year Flood Risk** 574 Critical facilities 12 Population at risk 2,148 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 859 Roadway(s) impacted (miles) 160 Number of low water crossings 7 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 67 77 Dallas C

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD City of Avinger NFIP Involvement** Title **PLANNING GROUP REGION 2** ID# 022000001 Sponsor City of Avinger RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 2 Watershed HUC# (if known) 111403050405,111403060206,111403060207 County Cass **Existing 100-Year Flood Risk** # of structures Critical facilities 0 Population at risk 8 1 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 1 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based 49 155 Avinger • Dallas C

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD City of Bells NFIP Involvement** Title **PLANNING GROUP REGION 2** ID# 022000002 Sponsor City of Bells RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 2 Watershed HUC# (if known) 111401010105,111401010403 County Grayson **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 33 # of structures 13 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (miles) 2 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 alley Dallas C

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Bonham Floodplain Manager Title **PLANNING GROUP REGION 2** ID# 022000071 Sponsor City of Bonham RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details Regulatory and Guidance** Strategy type Strategy description Establish a floodplain manager for the city to regulate floodplain development and provide public information concerning flood areas. Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 10 Watershed HUC# (if known) 111401010504,111401010503 County Fannin **Existing 100-Year Flood Risk** Critical facilities 3 Population at risk 1,898 # of structures 151 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 91 Roadway(s) impacted (miles) 8 Number of low water crossings Historical road closures -99,999 16 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$75,000 Amount of available funding \$-0 % Nature-Based N FM 898 82 N US Highway 82 ð Dallas O Bonham 56 Hidway

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Commerce CRS Involvement Title **PLANNING GROUP REGION 2** ID# 022000031 Sponsor City of Commerce RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details Regulatory and Guidance** Strategy type Strategy description Become an NFIP Community Rating System (CRS) Community Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 8 Watershed HUC# (if known) 111403010105,111403010104,111403010106,111403010202,1114030102 County Hunt **Existing 100-Year Flood Risk** 79 Critical facilities 1 Population at risk 1,179 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 66 Roadway(s) impacted (miles) 10 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based 15 Commerce Dallas 224

FMS area

	sement Strategy (		LOWER RED-SULPHUR-CYPRESS						
Title City of Cooper NFIP Invo	olvement		<b>REGIONAL FLOOD</b>						
			PLANNING GROUP REGION 2						
ID# 022000003 Sponso	r City of Cooper		REGION 2						
RFPG recommend? Yes	Reason for Recommenda	tion Improves understa insurance available	anding of flood risk, reduces future risks, and makes floo e						
Strategy Details									
Strategy type R	egulatory and Guidance								
Strategy description A	pplication to join NFIP or adoption of equ	uivalent standards							
Associated FME's -		Associate	ted FMP's -						
Associated FMS's	11 102010207 111 102010 101		Drainage area (mi <sup>2</sup> , est.) 1						
Watershed HUC# (if known)	11403010207,111403010401		County Delta						
<b>E</b> 1.11.1.1.100.1(a.1.11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.									
Existing 100-Year Flood Ris	# of structures	6	Critical facilities 0						
Population at risk 11 Flood risk type: Riverine?		Local? No							
Flood risk type: Riverine? Farm/Ranch land impacted (act		Roadway(s) impacted (n	,						
Number of low water crossings		Historical road closures							
	0		55,555						
100-Year Flood Risk Reduct	tion								
Population removed from 100-	,	# of structures remo	oved from 100-yr -99,999						
Critical facilities removed from		Farm/Ranch land removed from 100-yr (acres) -99,999							
Road removed from 100-yr (mi	-99,999	Low water crossings removed from 100-yr -99,999							
Other benefits None		Reduction in # of ro	bad closures over 10 years -99,999						
Impacts									
Negative impacts?	Negative impacts description	No negative im	npact						
Water supply contributions?	No Water supply contribution de	scription -							
Estimated Cost									
Strategy Cost \$100,000	Amount of availab	ole funding <mark>\$-</mark>	% Nature-Based 0						
	24								
	Cooper E Wace Avenue		Dallas						

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Domino NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000004 Sponsor City of Domino RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 0 Watershed HUC# (if known) 111403020702,111403020703 County Cass **Existing 100-Year Flood Risk** 0 Critical facilities 0 Population at risk 0 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 1 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based





FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Douglassville NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000006 Sponsor City of Douglassville RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 4 Watershed HUC# (if known) 111403020605,111403020606 County Cass **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 2 # of structures 1 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 5 Roadway(s) impacted (miles) 1 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based Road 2460 Douglassville 8 County Dallas South Si C Peta:

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Marietta NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000008 Sponsor City of Marietta RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 1 Watershed HUC# (if known) 111403060202 County Cass **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 0 # of structures 1 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based E-Main St Marietta Dallas C 24

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Sadler Lift Station Flood-Proofing Title **PLANNING GROUP REGION 2** ID# 022000074 Sponsor City of Sadler RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details** Property Acquisition and Structural Elevation Strategy type Strategy description Raise electrical panels and connections on lift stations above expected flood levels in flood-prone areas. Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 1 Watershed HUC# (if known) 111302100401 County Grayson **Existing 100-Year Flood Risk** 6 Critical facilities 0 Population at risk 2 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (miles) 1 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -99,999 -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 . W Pecan St Sadler Dallas C iqhway 82 Frankwood Rd

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD City of Sherman Emergency Alerts** Title **PLANNING GROUP REGION 2** ID# 022000052 Sponsor City of Sherman RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details** Strategy type Flood Measurement and Warning Strategy description Maintain and Operate Early Alert System - an outdoor warning system composed of nine sirens throughout the City. Public announcements through the reverse telephonic system and through broadcasting local cable channels. Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 46 120301060201,111302100402,111302100403,111401010106,1114010101 Watershed HUC# (if known) County Grayson **Existing 100-Year Flood Risk** 772 Critical facilities 5 Population at risk 7,004 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 381 Roadway(s) impacted (miles) 39 Number of low water crossings 2 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$250,000 Amount of available funding \$-0 % Nature-Based Sher Dallas C 697 11

FMS area

	Itel       City of Sherman NFIP Involvement       REGIONAL FLOOD PLANNING GROUP REGION2         PFG recommend?       Yes       Reason for Recommendation       Improves understanding of flood risk, reduces future risks, and makes fit insurance available         Strategy Details       Strategy Cotalis       Strategy Cotalis       Data and makes fit insurance available         Strategy description       Application to join NEP or adoption of equivalent standards       Drainage area (m <sup>2</sup> , est.)       46         Associated FME's       Associated FME's       Associated FME's       County       Grayson         Existing 100-Year Flood Risk       20301060201,111302100402,111302100402,11140100106,11140100106,1114010010       Drainage area (m <sup>2</sup> , est.)       46         County       Grayson       Coastal?       No       Local?       No       Playa?       No       Othe?       No         Strategy Code fitsk       Yoo       Coastal?       No       Local?       No       Playa?       No       Othe?       No         Strategy Encode Risk Reduction       Yoo       Grayson       Drainage area (m <sup>2</sup> , est.)       45       Scheer Flood Risk Reduction       Yoo       Othe?       No       Eduction 100-yr       Yoo Yoo       Yoo Yoo       Yoo Yoo       Yoo Yoo       Yoo Yoo       Yoo Yoo       Yoo       Yoo       Yoo												
Title City o	of Shern	nan NFIP	Involveme	nt									
ID# 0220	00009	Spon	sor City of	Sherma	n								
Title       City of Sherman NFIP Involvement       REGIONAL FLOOD PLANNING GROUP REGION 2         DW       02000003       Sponsor City of Sherman       Improves understanding of flood risk, reduces future risks, an insurance available         Strategy Details       Strategy Details       Strategy description       Application to join NFIP or adoption of equivalent standards         Strategy description       Application to join NFIP or adoption of equivalent standards       Drainage area (m <sup>2</sup> , est.)       46         Associated FMC's       -       Associated FMP's       -         Associated FMC's       -       Associated FMP's       -         Strategy description       Application to join NFIP or adoption of equivalent standards       Drainage area (m <sup>2</sup> , est.)       46         County       County       Graysi       Graysi       -       -         Existing 100-Year Flood Risk       # of structures       772       Critical facilities       -         Population at risk 7,004       # of structures       772       Critical facilities       -         Number of low water crossings       2       Historical road closures       93,999       -         100-Year Flood Risk Reduction       -       -       -       -       -         Population removed from 100-yr       -99,999       Farm/Ranch land rem		educes future risks, and makes flood											
Strategy De	etails												
Strategy type	9		Regulatory	and Gu	idance								
Strategy desc	cription		Applicatio	n to join	NFIP or adoption of eq	uivalent sta	ndards						
			-				Associated F	-MP's -					
		known)	-	0201,111	1302100402,11130210	0403,11140	1010106,1114010	Drainage a	ırea (mi², est.) <mark>46</mark>				
Watershed h	10C# (11	KHOWHIJ		, ,	,	,	,		Grayson				
Evicting 10	0 Voor	Elood E	Dick										
-	_		USK.		# of structures	772		Critical facil	ities 5				
			Yes				No	_					
						-							
								100					
	_		,	55,555	,		-						
-	t 7		N	Neret									
		outions?		-			No negative impac	х.					
	Contin		NO	water		scription							
Estimated	Cost												
Strategy Cost	t	\$100,0	00		Amount of availa	ble funding	\$-		% Nature-Based 0				
			Les Losselland			97		<b>V</b> Dallas					

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Tom Bean NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000010 Sponsor City of Tom Bean RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 1 Watershed HUC# (if known) 120301060104,111401010105 County Grayson **Existing 100-Year Flood Risk** Critical facilities 0 Population at risk 3 # of structures 1 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 by DrTom Bean E-Ball Dallas

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD City of Whitewright CRS Involvement** Title **PLANNING GROUP REGION 2** ID# 022000032 Sponsor City of Whitewright RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details Regulatory and Guidance** Strategy type Strategy description Become an NFIP Community Rating System (CRS) Community Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 2 Watershed HUC# (if known) 120301060104,111401010501 County Grayson **Existing 100-Year Flood Risk** Critical facilities 1 Population at risk 299 # of structures 17 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 6 Roadway(s) impacted (miles) 1 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based S FM 898 Kentucky Town Nhitewrig Dallas NW State Highwa C Or

FMS area

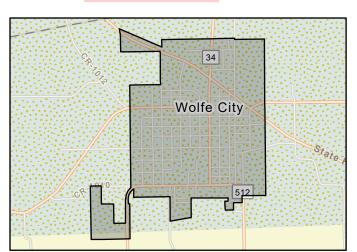
City of Winfield NFIP

Title

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

ID# 022000076 Spon	sor Titus Cou	nty				N 2			
RFPG recommend? Yes		Reaso	on for Recommenda	ition Red	luces Flood Risk				
Strategy Details									
Strategy type	Regulatory a	nd Guidar	nce						
Strategy description	Participate in	NFIP							
Associated FME's	-				Associated FM	IP's -			
Associated FMS's	-					<b>.</b> .	,	·2 · ) ·	
Watershed HUC# (if known)	11140303020	03,11140	3050204			Draina	age area (n	ni <sup>2</sup> , est.) 1	
						Count	ty	Titus	
Existing 100-Year Flood F	Risk								
Population at risk 0			# of structures	4		Critical	facilities	1	
Flood risk type: Riverine	? Yes	Coa	astal? No	Local	? No	Playa?	No	Other?	No
Farm/Ranch land impacted (	acres) <mark>0</mark>			Roadway	v(s) impacted (miles)	1			
Number of low water crossin	ngs O			Historica	l road closures	-99,999			
100-Year Flood Risk Redu	uction								
		000		# of •	structures removed fr	rom 100-vr		00 000	
Road removed from 100-yr (									
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-				
Impacts									
Negative impacts?		-							
Water supply contributions?	No	Water su	oply contribution de	escription	-				
Estimated Cost									
Strategy Cost \$50,00	ammend? Yes Reason for Recommendation Reduces Flood Risk     ypetails     type Regulatory and Guidance   description Participate in NIP     and FMC's   and FMC's   de FMC's   and FMC's								
1-30 E	M 02-1								
	FIMS a	ied				Regional Vie		aled	

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** City of Wolfe NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000011 Sponsor City of Wolfe RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 1 Watershed HUC# (if known) 111403010103 County Hunt **Existing 100-Year Flood Risk** 9 Critical facilities 0 Population at risk 16 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0 Number of low water crossings 0 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0





FMS area

Flood Management Strategy	
Title Creation of Region Wide Stormwater Management Manual	REGIONAL FLOOD PLANNING GROUP
ID# 022000083 Sponsor Ark - Tex Council of Goverments	REGION 2
RFPG recommend? Yes Reason for Recommenda	ation Reduces Flood Risk
Strategy Details	
Strategy type Regulatory and Guidance	
	nual and assistance to Region 2 communities for adoption.
Associated FME's -	Associated FMP's -
Associated FMS's	Drainage area $(mi^2 \text{ out }) = 0.160$
Watershed HUC# (if known)	Drainage area (mi <sup>2</sup> , est.) 9,160
	County Bowie, Camp, Cass
Existing 100-Year Flood Risk	
Population at risk 51,360 # of structures	13,438   Critical facilities   159
Flood risk type: Riverine? Yes Coastal? No	Local? No Playa? No Other? No
Farm/Ranch land impacted (acres) 180,986	Roadway(s) impacted (miles) 1,924
Number of low water crossings 116	Historical road closures -99,999
100-Year Flood Risk Reduction	
Population removed from 100-yr -99,999	# of structures removed from 100-yr -99,999
Critical facilities removed from 100-yr	Farm/Ranch land removed from 100-yr (acres) -99,999
Road removed from 100-yr (miles)     -99,999       Other benefits     Environmental benefits	Low water crossings removed from 100-yr-99,999Reduction in # of road closures over 10 years-99,999
Environmental benefits	Reduction III # Of Toad closules over 10 years -39,999
Impacts	
Negative impacts? No Negative impacts description	No negative impact
Water supply contributions? No Water supply contribution de	escription -
Estimated Cost	
Strategy Cost \$500,000 Amount of availa	ble funding \$- % Nature-Based 0
B2 Denton Dallas Dallas	Dallas
FMS area	Regional view of FMS area

#### + Stratagy (ENAS) Elaad Managaman

	geine	nt Strategy	LOWER RED-SULPHUR-CYPRESS					
Title Delta County NFIP Inv	volvement					AL FLOOD		
ID# 022000016 Spon	sor Delta Cou	inty				IG GROUP		
RFPG recommend? Yes		Reason for Recommenda		understanding available		ces future risks, and makes flood		
Strategy Details								
Strategy type	Regulatory ar	nd Guidance						
Strategy description		o join NFIP or adoption of equ	uivalent standard	ds				
		,						
Associated FME's	-			Associated FMF	P's -			
Associated FMS's	-		2407	204 44	Drainage area	a (mi², est.) 277		
Watershed HUC# (if known)	1114030101(	06,111403010206,111403010	0407,111403010	204,1114030104	4 County	Delta		
	N*_1							
Existing 100-Year Flood F	KISK		100		Cultical for the state			
Population at risk 85	<b>`</b>	# of structures	121		Critical facilities			
Flood risk type: Riverine		Coastal? No		No	Playa? No	Other? No		
Farm/Ranch land impacted (a Number of low water crossin			Roadway(s) im Historical road	npacted (miles)	42			
	igs <mark>8</mark>			i ciosures	-99,999			
100-Year Flood Risk Redu	uction							
Population removed from 10	'0-yr -9	99,999	# of struct	ures removed fro	om 100-yr	-99,999		
Critical facilities removed fro	m 100-yr	99,999	Farm/Ran	ch land removed	l from 100-yr (acres)	) -99,999		
Road removed from 100-yr (	miles) _g	99,999	Low water	r crossings remov	ved from 100-yr	-99,999		
Other benefits None			Reduction	in # of road clos	sures over 10 years	-99,999		
Impacts								
Negative impacts?	No	Negative impacts description	None	egative impact				
Water supply contributions?		Water supply contribution de						
Estimated Cost Strategy Cost \$100,0	100	Amount of availab	ble funding <mark>\$-</mark>			% Nature-Based 0		
	24							
24	24	4	7	Da	allas			

FMS area

Regional view of FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Fannin County Floodplain Manager Title **PLANNING GROUP REGION 2** ID# 022000073 Sponsor Fannin County RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details Regulatory and Guidance** Strategy type Strategy description Apply for assistance in establishing a Certified Countywide Floodplain Manager position. Funding for the continuation of the position would be from permit fees and local budgets. The focus of this role would be to mitigate flooding and protect the flood Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 897 Watershed HUC# (if known) County Fannin **Existing 100-Year Flood Risk** Critical facilities 18 Population at risk 3,040 # of structures 1,077 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 37,510 Roadway(s) impacted (miles) 170 Number of low water crossings 26 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$75,000 Amount of available funding \$-% Nature-Based 0 82 82 Dallas 2 24

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Fannin County NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000017 Sponsor Fannin County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 897 Watershed HUC# (if known) County Fannin **Existing 100-Year Flood Risk** Critical facilities 18 Population at risk 3,040 # of structures 1,077 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 37,510 Roadway(s) impacted (miles) 170 Number of low water crossings 26 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -99,999 -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 82 82 Dallas 2 24

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Flood Safety Awareness Education Title **PLANNING GROUP REGION 2** ID# 022000081 Sponsor City of Denison RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details Education and Outreach** Strategy type Strategy description Educate the public on flood safety Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 30 111302100505, 111302100402, 111302100504, 111401010106, Watershed HUC# (if known) 111401010104, 111401010201, 111401010202 County Grayson **Existing 100-Year Flood Risk** 355 Critical facilities 2 Population at risk 3,266 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 107 Roadway(s) impacted (miles) 29 Number of low water crossings 2 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$50,000 Amount of available funding \$-% Nature-Based 0 91 75 nison 289 Dallas C

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Franklin County NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000018 Sponsor Franklin County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 294 Watershed HUC# (if known) County Franklin **Existing 100-Year Flood Risk** Critical facilities 1 Population at risk 2,507 # of structures 455 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 1,573 Roadway(s) impacted (miles) 39 Number of low water crossings 5 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-0 % Nature-Based 154 Mt Pleasant Sulphur Springs 271 Dallas

FMS area

Flood Management Strategy (	(FMS)
Title Grayson County Flood Warning and Public Safety Improvements	
ID# 022000070 Sponsor Grayson County	REGION 2
RFPG recommend? Yes Reason for Recommendat	tion Reduces Flood Risk
Strategy Details	
Strategy type Flood Measurement and Warning	
Strategy description Create an improved gauge notification syst	tem. Increase public awareness before occurrences and during flooding.
Associated FME's -	Associated FMP's -
Associated FMS's -	Drainage area (mi², est.) 977
Watershed HUC# (if known)	
	County Grayson
Existing 100-Year Flood Risk	
Population at risk 12,470 # of structures	2,569 Critical facilities 23
Flood risk type: Riverine? Yes Coastal? No	Local? No Playa? No Other? No
Farm/Ranch land impacted (acres) 10,335	Roadway(s) impacted (miles) 181
Number of low water crossings 8	Historical road closures -99,999
100-Year Flood Risk Reduction	
Population removed from 100-yr -99,999	# of structures removed from 100-yr -99,999
Critical facilities removed from 100-yr -99,999	Farm/Ranch land removed from 100-yr (acres) <mark>-99,999</mark>
Road removed from 100-yr (miles) -99,999	Low water crossings removed from 100-yr -99,999
Other benefits None	Reduction in # of road closures over 10 years -99,999
Impacts	
Negative impacts? No Negative impacts description	No negative impact
Water supply contributions? No Water supply contribution de	escription -
Estimated Cost	
Strategy Cost \$250,000 Amount of availab	ble funding \$- % Nature-Based 0
35 Gainesville 77 Cainesville	S Dallas

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Grayson County NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000019 Sponsor Grayson County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 977 Watershed HUC# (if known) County Grayson **Existing 100-Year Flood Risk** Critical facilities 23 Population at risk 12,470 # of structures 2,569 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 10,335 Roadway(s) impacted (miles) 181 Number of low water crossings 8 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 377

FMS area

82

Gainesville

77

Regional view of FMS area

Dallas

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Harrison County NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000021 Sponsor Harrison County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 912 Watershed HUC# (if known) County Harrison **Existing 100-Year Flood Risk** 898 Critical facilities 6 Population at risk 2,056 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 255 Roadway(s) impacted (miles) 97 Number of low water crossings 5 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -99,999 -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 59 Dallas gviev Lo 79

FMS area

# Flood Management Strategy (FMS) Lower Red-SULPHUR-CYPRESS Title Hopkins County NFIP Involvement REGIONAL FLOOD PLANNING GROUP

Reason for Recommendation

022000022 Sponsor Hopkins County

RFPG recommend? Yes

ID#

Improves understanding of flood risk, reduces future risks, and makes flood insurance available

**REGION 2** 

Strategy Details											
Strategy type	Regulatory and	Guidance									
Strategy description	Application to j	oin NFIP or ad	option of eq	uivalent stand	lards						
Associated FME's	-				Associated FMI	p's -					
Associated FMS's	-					Drain	200 2002 (m	$ai^2$ oct ) 701			
Watershed HUC# (if known)						Drain	age alea (li	111, est.) <b>791</b>			
						Coun	ty	Hopki	ns		
Strategy description Regulatory and Guidance   Application to join NFIP or adoption of equivalent standards     Associated FMP's     Associated FMP's     Associated FMS's											
Population at risk 5,081		# of	structures	702Critical facilities5							
Flood risk type: Riverine	? Yes	Coastal?	No	Local?	No	Playa?	No	Other?	No		
Farm/Ranch land impacted (	acres) 8,635			Roadway(s)	impacted (miles)	148					
Number of low water crossin	igs 3			Historical ro	oad closures	-99,999					
100-Year Flood Risk Redu	uction						_				
		999		# of str	uctures removed fro	om 100-yr	-9	99,999			
	ype Regulatory and Guidance   tescription Application to join NFIP or adoption of equivalent standards   d FME's -   d FMS's -   nameword from 100-yr -99,999   users - </td										
Road removed from 100-yr (miles)     -99,999     Low water crossings removed from 100-yr     -99,999											
Other benefits None				Reduct	ion in # of road clos	ures over 1	.0 years -9	99,999			
Impacts											
Negative impacts?	No Ne	gative impact	s descriptior	n No	negative impact						
Water supply contributions?	No Wa	ater supply co	ntribution de	escription -							
		_									
Strategy Cost \$100,0	000	Amo	unt of availa	ble funding	\$-			% Nature-Based	0		
Estimated Cost Strategy Cost \$100,000 Amount of available funding \$. % Nature-Based 0											

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Lamar County NFIP Involvement Title **PLANNING GROUP REGION 2** ID# 022000024 Sponsor Lamar County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 932 Watershed HUC# (if known) County Lamar **Existing 100-Year Flood Risk** Critical facilities 33 Population at risk 5,441 # of structures 1,644 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 42,831 Roadway(s) impacted (miles) 222 Number of low water crossings 15 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 Paris Dallas 82 C

FMS area

			-		500000	·· ··				RED-SUL			
Title Mar	rion Cour	nty NFIP	Involvement	t						iona NNIN(			
ID# 022	000025	Spon	sor Marion	County						REGIO		OP	
RFPG recom	nmend?	Yes		Rea	son for Recommend	ation	Improves insurance	understanding available	of flood	risk, reduce	es future r	isks, an	d makes flood
Strategy [	Details												
Strategy typ	ре		Regulatory	and Guid	ance								
Strategy de	escription		Application	n to join N	FIP or adoption of ec	luivalen	it standards	5					
Associated	FME's		-					Associated FM	P's -				
Associated	FMS's		-						Drai	nage area (	mi <sup>2</sup> act )	419	
Watershed	HUC# (if	known)							Diai	liage alea (i	ini , est.)	419	
									Cou	nty		Mario	n
Existing 1	00-Year	Flood F	Risk										
Population					# of structures	313			Critic	al facilities	4		
Flood risk t		Riverine	? Yes	C	oastal? No	Lo	ocal?	No	Playa?	No	0	ther?	No
Farm/Rancl	h land im	pacted (	acres) 137			Road	lway(s) imp	acted (miles)	48				
Number of	low wate	er crossin	igs 1				orical road o		-99,999				
400 \/	ria al D'												
100-Year F													
Population Critical facil				-99,999				res removed fr			-99,999		
Road remov			-	-99,999				n land removed					
Other bene	<b>C</b> .	one	innesy	-99,999				crossings removen n # of road clos			-99,999 -99,999		
		me					Neudetion I		Sules Over		-99,999		
Impacts													
Negative im	•		No	-	e impacts descriptior			gative impact					
Water supp	oly contrib	outions?	No	Water s	upply contribution d	escriptio	on -						
Estimated	d Cost												
Strategy Co	ost	\$100,0	000		Amount of availa	ble fun	ding <mark>\$-</mark>				% Natur	e-Based	0
259				59	49				allas	~			

FMS area

FIOOU IVIANA	igemei		LOWER RED-SULPHUR-CYPRESS					
Title Morris County NFIP	nvolvement							
ID# 022000026 Spor	nsor Morris Cou	untv			PLANNIN			
RFPG recommend? Yes		Reason for Recommenda		understanding c available	of flood risk, reduc	ces future risks, and makes flood		
Strategy Details								
Strategy type	Regulatory and	d Guidance						
Strategy description	Application to	join NFIP or adoption of eq	uivalent standard	ls				
Associated FME's	-			Associated FMP	's -			
Associated FMS's	-							
Watershed HUC# (if known)	11140303020	7,111403030208,111403050	0310,111403050	305,1114030503	Drainage area	(mi <sup>2</sup> , est.) 257		
					County	Morris		
Existing 100-Year Flood	Risk							
Population at risk 419		# of structures	234		Critical facilities	6		
Flood risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa? No	Other? No		
Farm/Ranch land impacted	acres) <mark>395</mark>		Roadway(s) im	pacted (miles)	38			
Number of low water crossi	ngs <mark>2</mark>		Historical road	closures	-99,999			
100-Year Flood Risk Red	uction							
Population removed from 10	_	9,999	# of struct	ures removed fro	m 100-yr	-99,999		
Critical facilities removed from		9,999			from 100-yr (acres)			
Road removed from 100-yr		9,999		crossings removed		-99,999		
Other benefits None	-9.	5,55		-	ires over 10 years	-99,999		
None			Reduction			-55,555		
Impacts								
Negative impacts?	No	legative impacts description	No ne	egative impact				
Water supply contributions?	No	Vater supply contribution de	escription -					
Estimated Cost								
	200	Amount of availa	ble funding					
Strategy Cost \$100,	JUU	Amount of available	bie fulluling 5-			% Nature-Based <mark>0</mark>		
Mt Pl 271	easant 49	67 77 59	W Pa L	Dail	las			

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD Public NFIP Education** Title **PLANNING GROUP REGION 2** ID# 022000082 Sponsor Ark - Tex Council of Goverments RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details Education and Outreach** Strategy type Strategy description Educate the public on the NFIP program and the importance of purchasing flood insurance Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 9,160 Watershed HUC# (if known) County Bowie, Camp, Cass, **Existing 100-Year Flood Risk** Critical facilities 159 Population at risk 51,360 # of structures 13,438 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 180,986 Roadway(s) impacted (miles) 1,924 Number of low water crossings 116 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 69 70 82 Denton Plano Dallas Dallas 0 Tyler 0

FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD Red River County NFIP Involvement** Title **PLANNING GROUP REGION 2** ID# 022000027 Sponsor Red River County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 1,055 Watershed HUC# (if known) County **Red River Existing 100-Year Flood Risk** Critical facilities 5 Population at risk 374 # of structures 391 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 24,045 Roadway(s) impacted (miles) 157 Number of low water crossings 16 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 Mundesley - Smills Paris 82 Dallas C

FMS area

#### Flood Management Strategy (FMS) LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD Regional Flood Warning System Study** Title **PLANNING GROUP REGION 2** ID# 022000084 Sponsor Ark - Tex Council of Goverments RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details** Strategy type Flood Measurement and Warning Strategy description Evaluate the potential for future flood warning systems in the region Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 9,160 Watershed HUC# (if known) County Bowie, Camp, Cass, **Existing 100-Year Flood Risk** Critical facilities 159 Population at risk 51,360 # of structures 13,438 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 180,986 Roadway(s) impacted (miles) 1,924 Number of low water crossings 116 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$250,000 Amount of available funding \$-% Nature-Based 0 69 70 82 Denton Plano Dallas Dallas 0

FMS area

Tyler

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD Titus County NFIP Involvement** Title **PLANNING GROUP REGION 2** ID# 022000028 Sponsor Titus County RFPG recommend? Yes Reason for Recommendation Improves understanding of flood risk, reduces future risks, and makes flood insurance available **Strategy Details Regulatory and Guidance** Strategy type Strategy description Application to join NFIP or adoption of equivalent standards Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 425 Watershed HUC# (if known) County Titus **Existing 100-Year Flood Risk** 596 Critical facilities 8 Population at risk 2,890 # of structures Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 1,570 Roadway(s) impacted (miles) 87 Number of low water crossings 9 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits None Reduction in # of road closures over 10 years -99,999 Impacts Negative impacts? Negative impacts description No No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 Mt Pleasant Dallas C 271

FMS area

Title	Turn Around/Don't D	-		, aceby	(1113)		LOWER RED-S REGION PLANNI	AL FLO	OD	
ID#	022000080 Spor	isor Ark - Tex	Council of (	Goverments				GION 2		
RFPG r	recommend? Yes		Reason	for Recommenda	ation Reduc	es Flood Risk				
Strate	egy Details									
	gy type	Education an	d Outreach							
	gy description			e Turn-Around/D	on't Drown pi	rogram				
Assoc	iated FME's	-				Associated FN	1P's -			
Assoc	Associated FMS's						Drainage ar	ea (mi², est.)	9,160	
Water	rshed HUC# (if known)									
							County		Bowie,	Camp, Cass
Existi	ing 100-Year Flood	Risk								
Popula	ation at risk 51,360			# of structures	13,438		Critical facilit	ties 159		
Flood	risk type: Riverine	? Yes	Coas	tal? No	Local?	No	Playa? No	C	Other?	No
Farm/	Ranch land impacted (	acres) <mark>180,98</mark> 0	6		Roadway(s)	) impacted (miles)	1,924			
Numb	per of low water crossir	ngs 116			Historical re	oad closures	-99,999			
100-Y	ear Flood Risk Red	uction								
	ation removed from 10	_	99,999		# of str	uctures removed f	from 100-yr	-99,999		
	al facilities removed fro		99,999				ed from 100-yr (acr			
Road	removed from 100-yr (		99,999			ater crossings remo		-99,999		
Other	benefits None				Reduct	ion in # of road clo	osures over 10 year	rs -99,999		
Impa Negati	icts ive impacts?	No	Negative in	pacts description	N	o negative impact				
	supply contributions?		-	ly contribution de						
	nated Cost									
Strate	gy Cost \$100,0	000		Amount of availa	ble funding	Ş-		% Natu	re-Based	0
	Denton Plano Dallas	82	30 Tyler	Loponiem			Dallas			

FMS area

Regional view of FMS area

#### LOWER RED-SULPHUR-CYPRESS **REGIONAL FLOOD** Upshur County NFIP Title **PLANNING GROUP REGION 2** ID# 022000079 Sponsor Upshur County RFPG recommend? Yes Reason for Recommendation **Reduces Flood Risk Strategy Details Regulatory and Guidance** Strategy type Strategy description The County Hazard Mitigation Officer will assist those cities within the county that are not participating in NFIP to take appropriate actions to qualify for and maintain participation in NFIP to have 100% participation within the county Associated FME's Associated FMP's Associated FMS's Drainage area (mi<sup>2</sup>, est.) 590 Watershed HUC# (if known) County Upshur **Existing 100-Year Flood Risk** Critical facilities 10 Population at risk 2,262 # of structures 425 Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Farm/Ranch land impacted (acres) 612 Roadway(s) impacted (miles) 91 Number of low water crossings 3 Historical road closures -99,999 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr -99,999 -99,999 Critical facilities removed from 100-yr -99,999 Farm/Ranch land removed from 100-yr (acres) -99,999 Road removed from 100-yr (miles) -99,999 Low water crossings removed from 100-yr -99,999 Other benefits Reduction in # of road closures over 10 years None -99,999 Impacts Negative impacts? No Negative impacts description No negative impact Water supply contributions? No Water supply contribution description -**Estimated Cost** Strategy Cost \$100,000 Amount of available funding \$-% Nature-Based 0 259 271 Dallas Longview

FMS area