Flood Management Evaluation (FME) STUDY Lower Colorado-Lavaca REGIONAL FLOOD					
Title MLK Blvd to Mexico Street	ID# 101000062	PLANNING GROUP			
Sponsor (name of entity) Edna (Municipality)	Commitment x Yes No				
Technical committee recommend X Yes No RFPG	recommend X Yes No	REGION 10			
Study Type					
Emergency preparedness Floodplain modeling, mappi Other	ng and risk assessment x Feas	sibility study Preliminary project engineering			
Problem Area					
City Edna County Jackson	N ZZ				
Watershed Lavaca name(s)					
Tributary(ies) Post Oak Branch					
HUC# 12100101,12100102 Stream miles (est.) 2.00		Mansi			
Drainage area: square miles, est 1.62 or acreage, est. 1,03	7	US-59 N			
Social vulnerability index 0.51 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)	NN				
Other Roadway/Crossing Improvements & Storm Drainage System	i St	1009 523			

The existing crossing is undersized and overtops. The existing crossing/bridge class structure is a multi-box (2) culvert-bridge. The proposed improvements include upgrades to the subject crossing. The existing road is a 2-lane road with an average daily traffic count of 152.

Population at risk 0

Scope of Study

Structures at risk 0

Farm/Ranch land impacted (acres) 0

Critical facilities at risk 0

Conduct a study to evaluate upsizing the existing culvert-bridge. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles) 5.34

Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Manage	ment Evaluat	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Stormwater Diversion Project	ct	ID# 101000063	PLANNING GROUP
Sponsor (name of entity) Edna (Mu	nicipality)	Commitment x Yes No	
Technical committee recommend	x Yes No RFPG I	recommend × Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappir	ng and risk assessment 🛛 🗴 F	easibility study 🛛 📄 Preliminary project engineering
Other			
Problem Area		N	
City Edna	County Jackson	822	
Watershed Post Oak Branch - Dry C name(s)	reek		59
Tributary(ies) Dry Creek			Edna 🚫
HUC# 12100101,12100102 Str	ream miles (est.) TBD	9	
Drainage area: square miles, est 4.0	06 or acreage, est. 2,601	1	
Social vulnerability index 0.51 (SVI score 0.0 indicates least vulnerable;	: 1.0 indicates most vulnerable.)		
Other Drainage System Improveme	ents		

The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles. Sponsor has indicated targeted buyouts area also a potential outcome.

Population at risk 2,503

Structures at risk 1,223

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 137

uctures at fisk 1,225

Roadway(s) impacted (miles) 26.26

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Cost \$200,000

Flood Manage	ement Evaluati	Lower Colorado-Lavaca REGIONAL FLOOD		
Title Land Purchase for New EM	/IS/Fire/Police Building	ID# 101000064	PLANNING GROUP	
Sponsor (name of entity) Ganado	(Municipality)	Commitment x Yes No		
Technical committee recommend	x Yes No RFPG r	ecommend X Yes No	REGION 10	
Study Type				
Emergency preparedness	Floodplain modeling, mappin	g and risk assessment x Fe	asibility study Preliminary project engineering	
Other				
Problem Area		N		
City Ganado	County Jackson			
Watershed Devers Creek - Musta name(s)	ng Creek		US-59 N	
Tributary(ies) Devers Creek		A CAL	Ganado	
HUC# 12100102 S	Stream miles (est.) TBD	A	Condec	
Drainage area: square miles, est	1.12 or acreage, est. 717	15.59 522		
Social vulnerability index 0.51 (SVI score 0.0 indicates least vulnerable)	le; 1.0 indicates most vulnerable.)	US LOOP 522		
Other Local Plans & Regulations			12 March March	

The current facility is located within the 100-year floodplain. The study will investigate possible sites and cost for relocation and may include the need to extend floodplain models upstream to verify the new location is outside the floodplain.

Population at risk 0

Structures at risk 0

Critical facilities at risk 1

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 0.42

Scope of Study

The study will include hydrologic and hydraulic modeling (with Atlas 14) to identify/verify the most appropriate location for this development.

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation.

Flood Man	agement Evaluat	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Jackson County Ho	ospital District	ID# 101000065	PLANNING GROUP
Sponsor (name of entity)	Jackson (County)	Commitment x Yes No	
Technical committee reco	mmend x Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
Emergency preparedn	ess Floodplain modeling, mapp	ing and risk assessment x F	easibility study Preliminary project engineering
Other			
Problem Area		N	9
City N/A	County Jackson		
Watershed Post Oak Bran name(s)	nch - Dry Creek	A Purpos	
Tributary(ies) Dry Creek			1987 A
HUC# 12100101	Stream miles (est.) TBD	Sunset Dr	S S M
Drainage area: square mil	es, est 0.09 or acreage, est. 57		Wells s
Social vulnerability index (SVI score 0.0 indicates least	0.51 vulnerable; 1.0 indicates most vulnerable.)		
Other Jackson County Ho	spital Flood Plan		1998

The southern portion of the study area is located in the 100-year floodplain of Dry Creek and multiple structures are at risk. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 5

Structures at risk 3

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 0.12

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), and may include preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

3.2 Increase the number of entities that have evaluated priority flood risk areas and flood risk reduction measures (e.g., alternatives analysis and preliminary engineering). 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Manag	ement Evaluat	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title County Road 480		ID# 101000066	PLANNING GROUP
Sponsor (name of entity) Jackso	on (County)	Commitment x Yes No	
Technical committee recommen	nd 🗙 Yes 📃 No 🛛 RFPG	recommend X Yes No	REGION 10
Study Type Emergency preparedness Other	Floodplain modeling, mappi	ing and risk assessment x F	easibility study Preliminary project engineering
Problem Area		N	
City N/A	County Jackson		
Watershed Matagorda Bay, Eas name(s) Bay	t Carancahau Creek - Frontal Caran	cahua	County Road 480
Tributary(ies) Unnamed Tributa	ıry		load load load load load load load load
HUC# 12100401	Stream miles (est.) TBD		480
Drainage area: square miles, est	t 0.06 or acreage, est. 41		
Social vulnerability index 0.51 (SVI score 0.0 indicates least vulnera	able; 1.0 indicates most vulnerable.)		
Other Roadway/Crossing Impro	ovements		

CR480 runs parallel to Matagorda Bay and is threatened by erosion. The road serves as one of the primary means of ingress/egress to several residential areas in southern Jackson County. The proposed improvements include construction of a wall to protect and strengthen the roadway. The existing road is a 2lane road with an average daily traffic count of 36. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Scope of Study

Structures at risk 0

Critical facilities at risk 0 0.61

Farm/Ranch land impacted (acres) 0

Conduct a study to evaluate upsizing the existing low water crossing. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles)

Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Flood Manag	ement Evalua	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Various Streets - Install F	Flood Early Warning System	ID# 101000067	PLANNING GROUP
Sponsor (name of entity) Kerr (County)	Commitment x Yes No	
Technical committee recommer	nd x Yes No RFPG	Grecommend X Yes No	REGION 10
Study Type			
Emergency preparedness Other	Floodplain modeling, mapp	oing and risk assessment x Fo	easibility study Preliminary project engineering
Problem Area		N	
City N/A	County Kerr		
Watershed Multiple Watershed name(s)	ls		
Tributary(ies) Unnamed Tributa	iry		Kerrville
HUC# 12090204,12090206	Stream miles (est.) TBD		
Drainage area: square miles, est	t 1,103.03 or acreage, est. 705	5,941	
Social vulnerability index 0.36 (SVI score 0.0 indicates least vulnera	able; 1.0 indicates most vulnerable.)		
Other Install Flood Early Warnin	ng System		

The County has identified multiple roadway/crossing that overtop and where structural improvements are not feasible. Proposed study will identify priority crossings to receive flood warning systems or other safety improvements.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

2.14

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles)

Scope of Study

Evaluate the type of flood early warnings system (flashers, barricades, signage) and communication systems requirements for the installation and long-term maintenance of the system. Include hydrologic and hydraulic modeling (if needed) including depth, duration and frequency of flooding, daily traffic counts, and length of detour (minutes),

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Cost \$50,000

Flo	od Manag	geme	nt Evalı	Jatio	•n (FN		Y		Colorad		
Title	Lake Junction Dredging				ID# 1010	000068			NING		
Sponso	or (name of entity) <mark>Junct</mark>	on (Municij	oality)	C	Commitment	x Yes No					
Technie	cal committee recommen	nd x Yes	No	RFPG reco	mmend ×	Yes No			REGION 10	p	
Study	Туре										
Em	ergency preparedness	Floo	dplain modeling, i	mapping ar	nd risk assess	ment x	Feasibility st	tudy	Prelimina	ary project e	engineering
Oth	her										
Proble	em Area				N	J	unction		A LINE MA		0
City Ju	unction	Coun	ty Kimble			College S					5
Waters nam	hed Joy Creek - South Ll he(s)	ano River					Oak St Elm) St 	48	31	H
Tributa	ry(ies) South Llano River	r			ALC: NO.						
HUC#	12090203	Stream mi	iles (est.) TBD		「「「			THE PARTY OF			
Draina	ge area: square miles, es	t 0.07	or acreage, est.	42		ST. ST.		*** · W		3	
	vulnerability index 0.33 re 0.0 indicates least vulner	able; 1.0 indi	cates most vulnerab	le.)		ם Lake	A DESCRIPTION OF TAXABLE PROPERTY.	-	Lake Junction	TX	
Other	Local Plans & Regulation	S			7	Junction Junction	on			481-5	

The City has identified the need to dredge Lake Jackson to improve hydraulics and increase storage capacity. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 30

Structures at risk 10

Critical facilities at risk 0 0.06

Farm/Ranch land impacted (acres) 14

Roadway(s) impacted (miles)

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, rightof-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Flood Manage	ment Evaluat	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Llano River Erosion		ID# 101000069	PLANNING GROUP
Sponsor (name of entity) Junction (Municipality)	Commitment x Yes No	
Technical committee recommend	x Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappi	ng and risk assessment x Fe	easibility study Preliminary project engineering
Other			
Problem Area		N	
City Junction	County Kimble		
Watershed Elm Slough - North Llan name(s)	o River, Joy Creek - South Llano	River	
Tributary(ies) Llano River		E A W DAY	
HUC# 12090202,12090204 Str	ream miles (est.) 1.60	A LALS	
Drainage area: square miles, est 2.3	or acreage, est. 1,52		Junction
Social vulnerability index 0.33 (SVI score 0.0 indicates least vulnerable;	: 1.0 indicates most vulnerable.)		
Other Channel Improvements/eros	ion protection	377	A A A A A A A A A A A A A A A A A A A

The City has identified numerous erosion locations along the Llano River impacting Lake Junction and will undertake a study to develop and implement projects to prevent erosion. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 252

Farm/Ranch land impacted (acres) 427

Structures at risk 130

Roadway(s) impacted (miles) 6.63

Critical facilities at risk 0

Scope of Study

Study will include hydrologic and hydraulic modeling, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Flood Manage	ement Evaluat	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Llano River Channel Main	tenance/Improvements	ID# 101000070	PLANNING GROUP
Sponsor (name of entity) Llano (Municipality)	Commitment x Yes No	
Technical committee recommend	d 🗙 Yes 📃 No 🛛 RFPG ı	recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappir	ng and risk assessment x	Feasibility study Preliminary project engineering
Other			
Problem Area		N	16
City Llano	County Llano		
	o River, Pecan Creek - Llano River, o River, Wrights Creek - Llano River	29	
Tributary(ies) Llano River		Constant of the second	Liano 29
HUC# 12090204	Stream miles (est.) TBD		River Lake Llano
Drainage area: square miles, est	5.76 or acreage, est. 3,685		Elallo
Social vulnerability index 0.19 (SVI score 0.0 indicates least vulneral	ble; 1.0 indicates most vulnerable.)		
Other Channel Improvements		152	

The City has identified numerous maintenance issues in the Johnson Creek, Pecan Creek, Oatman Creek, and Wrights Creek watersheds as well as potential channel modifications/stabilization needs to prevent erosion and mitigate local flooding. The proposed study will evaluate the need for structural infrastructure improvements and develop a more detailed assessment of existing flood and potential flood risk reduction (if appropriate) that will be used to evaluate projects for future planning cycles.

Population at risk 549

Structures at risk 181

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 464

s) 464

Roadway(s) impacted (miles) 4.11

Scope of Study

Study will include hydrologic and hydraulic modeling of preliminary design of improvements (if needed) risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Flood Manage	ement Evalu	ation (FME) _{stu}	DY Lower Colorado-Lavaca REGIONAL FLOOD
Title Drainage Ditch Maintenar	nce/Improvements	ID# 101000071	PLANNING GROUP
Sponsor (name of entity) Sunrise	e Beach Village (Municipality)	Commitment x Yes	No
Technical committee recommend	d x Yes No R	FPG recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, m	apping and risk assessment	x Feasibility study Preliminary project engineering
Other			
Problem Area		N	
City Sunrise Beach Village	County Llano		
Watershed Sandy Creek - Lake Ly name(s)	yndon B Johnson		Sunrise Beach Village
Tributary(ies) Unnamed Tributar	ies		
HUC# 12090201	Stream miles (est.) TBD		
Drainage area: square miles, est	2.64 or acreage, est.	1,688	Laka Lyindan P
Social vulnerability index 0.19 (SVI score 0.0 indicates least vulneral	ble; 1.0 indicates most vulnerable	.)	Lake Lyndon B
Other Channel Improvements		2	

The City has identified a number of drainage channels that need to be maintained as well as improved to provide additional conveyance to prevent erosion and mitigate local flooding. The proposed improvements will include channel modifications and develop a more detailed assessment of existing flood and potential flood risk reduction (where appropriate) that will used to evaluate projects for future planning cycles.

Population at risk 226

Structures at risk 330

Farm/Ranch land impacted (acres) 101

Roadway(s) impacted (miles)

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, rightof-way needs, and constructability).

Critical facilities at risk 0

0.83

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Flood Management Evalu	uation (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Prepare Evacuation Plan	ID# 10100072	PLANNING GROUP
Sponsor (name of entity) Llano (County)	Commitment x Yes No	
Technical committee recommend 🗴 Yes 📃 No	RFPG recommend X Yes No	REGION 10
Study Type		
Emergency preparedness Floodplain modeling,	mapping and risk assessment x	easibility study Preliminary project engineering
Other		
Problem Area	N	
City N/A County Llano		
Watershed Multiple Watersheds name(s)		
Tributary(ies) Unnamed Tributary		
HUC# 12090201,12090204 Stream miles (est.) TBD		
Drainage area: square miles, est 962.44 or acreage, est.	615,962	
Social vulnerability index 0.19 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerab	ble.)	A de la compañía de la
Other Local Plans & Regulations		

The Sponsor's evacuation plan(s) are out of date and need to be updated to assist with emergency coordination during a flood event.

Population at risk 3,956

Structures at risk 2,740

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 44,539

Roadway(s) impacted (miles) 53.08

Scope of Study

Coordinate with agencies and local governments as necessary to develop/update the evacuation plan.

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger.

Estimated Study Cost

Cost \$25,000

Flood Manag	gement Evalua	tion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Comanche Rancherias Se	ubdivision	ID# 101000073	PLANNING GROUP
Sponsor (name of entity) Llano	(County)	Commitment x Yes No	
Technical committee recommer	nd 🗙 Yes 📃 No 🛛 RFPG	G recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mapp	ping and risk assessment x Fe	asibility study Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Llano		
Watershed Honey Creek - Lake name(s)	Lyndon B Johnson		
Tributary(ies) Moss Creek			
HUC# 12090201,12090204	Stream miles (est.) TBD		
Drainage area: square miles, est	t 5.79 or acreage, est. 3,7	03	
Social vulnerability index 0.19 (SVI score 0.0 indicates least vulnera	able; 1.0 indicates most vulnerable.)		STATING NO
Other Watershed Study		Carlos Maria	ST

The subdivision has multiple local drainage problems and portions of the subdivision are at risk of flooding including a risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 17

Structures at risk 20

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 216

Roadway(s) impacted (miles) 0.78

Scope of Study

The flood study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Manag	ement Evalua	Lower Colorado-Lavaca REGIONAL FLOOD		
Title Construct Emergency Op	eration Center	ID# 101000074	PLANNING GROUP	
Sponsor (name of entity) Palacio	os (Municipality)	Commitment x Yes No		
Technical committee recommen	d 🗴 Yes 📃 No 🛛 RFPG	G recommend X Yes No	REGION 10	
Study Type				
Emergency preparedness	Floodplain modeling, mapp	ping and risk assessment x	Feasibility study Preliminary project engineering	
Other				
Problem Area		N		
City Palacios	County Matagorda			
Watershed Tres Palacios River - name(s)	Frontal Tres Palacios Bay		35 H	
Tributary(ies) Unnamed Tributa	ry			
HUC# 12100401	Stream miles (est.) TBD			
Drainage area: square miles, est	3.35 or acreage, est. 2,1	45		
Social vulnerability index 0.84 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)				
Other Local Plans & Regulations	;		E Hun Proved	

The city has identified the need to construct an emergency operation center for the safety of the community. The study will investigate possible sites and cost for the location and may include the need to extend floodplain models upstream to verify the location is outside the floodplain.

Population at risk 0

Structures at risk 0

Critical facilities at risk 1

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 0.00

Scope of Study

The study will include hydrologic and hydraulic modeling (with Atlas 14) to identify/verify the most appropriate location for this development.

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation.

Flood Management Evalua	Lower Colorado-Lavaca REGIONAL FLOOD			
Title Airport Drainage Improvements	ID# 101000075	PLANNING GROUP		
Sponsor (name of entity) Palacios (Municipality)	Commitment x Yes No			
Technical committee recommend 🗴 Yes 📃 No 🛛 RFP	G recommend X Yes No	REGION 10		
Study Type				
Emergency preparedness Floodplain modeling, map	ping and risk assessment x Feas	sibility study Preliminary project engineering		
Other				
Problem Area	N			
City Palacios County Matagorda				
Watershed Tres Palacios River - Frontal Tres Palacios Bay name(s)		Palacios		
Tributary(ies) Reed Creek, Horn Creek		Municipal Airport		
HUC# 12100401 Stream miles (est.) TBD				
Drainage area: square miles, est 0.70 or acreage, est. 45	0 State Highway			
HUC# 12100401 Stream miles (est.) TBD Drainage area: square miles, est 0.70 or acreage, est. 450 Social vulnerability index 0.84 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.) 5tate Highway 35 55 Other Watershed Study 35 55				
Other Watershed Study		35		

The airport is located within the 100-year floodplain of Tres Palacios Bay and has local drainage problems with portions of the area at risk of flooding. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 2

Structures at risk 3

Critical facilities at risk 3

Farm/Ranch land impacted (acres) 4

.

Roadway(s) impacted (miles) 0.00

Scope of Study

The flood study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

3.2 Increase the number of entities that have evaluated priority flood risk areas and flood risk reduction measures (e.g., alternatives analysis and preliminary engineering). 5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Manage	ment Evaluati	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Tres Palacios River		ID# 101000076	PLANNING GROUP
Sponsor (name of entity) Matagoro	Ja (County)	Commitment x Yes No	
Technical committee recommend	x Yes No RFPG re	ecommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappin	g and risk assessment X F	easibility study Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Matagorda		
Watershed Multiple Watersheds name(s)			Bay City
Tributary(ies) Tres Palacios River		to sta the fit	
HUC# 12090302,12100401 St	ream miles (est.) TBD		NO ALL CARAGE
Drainage area: square miles, est 36	65.91 or acreage, est. 234,1	.81	
Social vulnerability index 0.84 (SVI score 0.0 indicates least vulnerable)	; 1.0 indicates most vulnerable.)		
Other Install Flood Early Warning S	ystem		

The county has identified multiple roadway/crossings on the Tres Palacios River that overtop and where structural improvements are not feasible. The proposed study will identify priority crossings to receive flood warning systems or other safety improvements.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 28,386

Roadway(s) impacted (miles) 75.83

Scope of Study

Evaluate the type of flood early warnings system (flashers, barricades, signage) and communication systems requirements for the installation and long-term maintenance of the system. Include hydrologic and hydraulic modeling (if needed) including depth, duration and frequency of flooding, daily traffic counts, and length of detour (minutes),

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., , City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Cost \$50,000

Flo	od Manag	ement Eva	luat	ion (FM	E) _{STUDY}		Colorado-I	
Title	Update Flood Insurance	Study & Flood Insurance Ra	ate Maps	ID# 101000	077		NING GI	
Sponso	or (name of entity) Matag	gorda (County)		Commitment ×	Yes No			
Techni	cal committee recommer	nd 🗙 Yes 📃 No	RFPG r	ecommend × Yes	s No		REGION 10	
Study	Туре							
Em Otl	ergency preparedness ner	x Floodplain modeling	g, mappin	ng and risk assessm	ent Fe	asibility study	Preliminary p	roject engineering
Probl	em Area			N		6 PARA		END O
City N	/A	County Matagorda			S S ST			
	shed Multiple Watershed ne(s)	ls				Bay C	Xity	H
Tributa	rry(ies) Unnamed Tributa	ary		ria				
HUC#	12090402,12090302	Stream miles (est.) TBD				Se Se		
Draina	ge area: square miles, est	t 1,136.08 or acreage, est	. 727,0	93				
	vulnerability index 0.84 re 0.0 indicates least vulnero	able; 1.0 indicates most vulner	able.)					
Other	Watershed Study				~~~~	e la		

The existing floodplain maps are outdated and do not reflect current flood risk.

Population at risk 9,441

Structures at risk 7,016

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 124,179

Roadway(s) impacted (miles) 183.22

Scope of Study

The flood study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) and will develop new floodplain maps that reflect current flood risk.

Related Goal(s)

3.1 Increase the number of entities that have updated watershed models and floodplain maps to reflect current conditions, including as applicable Atlas 14 (Volume 11) revised rainfall data. 3.3 Increase the number of entities that have digital flood insurance rate maps (DFIRMs) that reflect current conditions.

Estimated Study Cost

Cost \$250,000

Flo	od Manage	ement Evalua	ation (FN	AE) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title H	Hooten Holler in Richland S	prings	ID# 101	.000078	PLANNING GROUP
Sponsor	r (name of entity) <mark>San Saba</mark>	(County)	Commitment	t x Yes No	
Technica	al committee recommend	x Yes No RFF	PG recommend X	Yes No	REGION 10
Study ⁻	Туре				
Eme	ergency preparedness	Floodplain modeling, map	pping and risk asses	sment x Feasib	ility study Preliminary project engineering
Oth	er				
Proble	em Area		N	2997	
City N/	A	County San Saba		E Aler	45
Watersh name	hed Lower Richland Springs e(s)	; Creek		ANT.	H
Tributar	ry(ies) Richland Springs Cree	ek	220		
HUC#	12090109,12090106 Str	tream miles (est.) TBD	5.50	45-2-5	A BAR BAR
Drainag	e area: square miles, est 5.	.44 or acreage, est. 3,	,479	The second	Richland Springs
	ulnerability index 0.51 e 0.0 indicates least vulnerable,	e; 1.0 indicates most vulnerable.)			Optilligs
Other V	Watershed Study			190	

The Sponsor has indicated the existing stormwater infrastructure in the study area and numerous houses are located in the 100-year floodplain. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 37

Structures at risk 43

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 695

uctures at risk 43

Roadway(s) impacted (miles) 1.87

Scope of Study

The flood study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

3.2 Increase the number of entities that have evaluated priority flood risk areas and flood risk reduction measures (e.g., alternatives analysis and preliminary engineering). 5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Mana	gement Evalua	ation (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Community Evacuation	n Plan	ID# 10100080	PLANNING GROUP
Sponsor (name of entity) Jone	estown (Municipality)	Commitment x Yes No	
Technical committee recomme	end 🗴 Yes 📃 No 🛛 RF	PG recommend X Yes No	REGION 10
Study Type			
xEmergency preparednessOther	Floodplain modeling, ma	pping and risk assessment	Feasibility study Preliminary project engineering
Problem Area		N	
City Jonestown	County Travis		
Watershed Hurst Creek - Lake name(s)	Travis, Big Sandy Creek		Jonestown
Tributary(ies) Unnamed Tribu	tary	SR MOR	
HUC# 12090205	Stream miles (est.) TBD		
Drainage area: square miles, e	est 7.55 or acreage, est. 4	I,832	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulne	erable; 1.0 indicates most vulnerable.)	Lago Vista	
Other Local Plans & Regulation	ons	1 and a	2769

The Sponsor's evacuation plan(s) are out of date and need to be updated to assist with emergency coordination during a flood event.

Population at risk 235

Structures at risk 322

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 423

Roadway(s) impacted (miles) 2.48

Scope of Study

Coordinate with agencies and local governments as necessary to develop/update the evacuation plan.

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger.

Estimated Study Cost

Cost \$25,000

Flood Management Eval	luation (FME) _{stu}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Citywide Drainage Study	ID# 101000082	PLANNING GROUP
Sponsor (name of entity) Lago Vista (Municipality)	Commitment x Yes	No
Technical committee recommend 🗙 Yes 📃 No	RFPG recommend X Yes No	REGION 10
Study Type		
Emergency preparedness x Floodplain modeling	g, mapping and risk assessment	Feasibility study Preliminary project engineering
Other		
Problem Area	N	1431
City Lago Vista County Travis		Jor
Watershed Bee Creek - Lake Travis, Hurst Creek - Lake Trav name(s)	ris A	
Tributary(ies) Unnamed Tributary		Lago Vista
HUC# 12090205 Stream miles (est.) TBD		
Drainage area: square miles, est 15.51 or acreage, est	t. 9,926	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable)	able.)	Hudson Bend
Other Watershed Study		Contraction of the second

The City has multiple local drainage problems and portions of the City are at risk of flooding. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 813

Structures at risk 542

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 658

tructures at risk 542

Roadway(s) impacted (miles) 10.48

Scope of Study

The Citywide study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

3.2 Increase the number of entities that have evaluated priority flood risk areas and flood risk reduction measures (e.g., alternatives analysis and preliminary engineering). 5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Cost \$250,000

Flood Manag	gement Evalua	Lower Colorado-Lavaca REGIONAL FLOOD	
Title Community Evacuation	Plan	ID# 101000083	PLANNING GROUP
Sponsor (name of entity) Lago	Vista (Municipality)	Commitment x Yes No	I LANNING OROOF
Technical committee recomme	end X Yes No RFP	G recommend X Yes No	REGION 10
Study Type			
x Emergency preparedness	Floodplain modeling, map	ping and risk assessment 🛛 🗧 F	easibility study Preliminary project engineering
Other			
Problem Area		N	1431
City Lago Vista	County Travis		Jor
Watershed Bee Creek - Lake To name(s)	ravis, Hurst Creek - Lake Travis		
Tributary(ies) Unnamed Tribut	ary		Lago Vista
HUC# 12090205	Stream miles (est.) TBD		
Drainage area: square miles, e	st 15.51 or acreage, est. 9,9	926	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulne	rable; 1.0 indicates most vulnerable.)	1	Hudson Bend
Other Local Plans & Regulatio	ns		Contraction (Second

The City has identified the need to develop/update an evacuation plan for the safety of the community.

Population at risk 813

Structures at risk 542

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 658

Roadway(s) impacted (miles) 10.48

Scope of Study

Coordinate with agencies and local governments as necessary to develop/update the evacuation plan.

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger.

Estimated Study Cost

Cost \$25,000

Flood Manage	ment Evalua	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Bee Creek Drainage Improve	ements	ID# 101000084	PLANNING GROUP
Sponsor (name of entity) West Lake	e Hills (Municipality)	Commitment x Yes No	
Technical committee recommend	x Yes No RFPG	Frecommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mapp	ing and risk assessment x	easibility study Preliminary project engineering
Other			
Problem Area		N	
City West Lake Hills	County Travis		
Watershed Lake Austin - Town Lake name(s)	2		
Tributary(ies) Little Bee Creek		The the	
HUC# 12090205 Str	ream miles (est.) 1.25		West Lake Hills
Drainage area: square miles, est 1.0	06 or acreage, est. 677	Martin Martin	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulnerable;	; 1.0 indicates most vulnerable.)	60	
Other Channel Improvements		2	

The existing channel and road crossings are undersized resulting in localized erosion as well as flood risk to houses along Yaupon Valley Road and Laurel Valley Road. The area has experienced excessive flow depth and velocity, has structures at risk, historical flood damages, and channel erosion. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 25

Structures at risk 14

Critical facilities at risk 0 0.47

Farm/Ranch land impacted (acres) 18

Roadway(s) impacted (miles)

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, rightof-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Manage	Lower Colorado-Lavaca REGIONAL FLOOD			
Title Create emergency evacuation	n plan	ID# 101000085	PLANNING GROUP	
Sponsor (name of entity) Point Vent	ure (Municipality)	Commitment x Yes No		
Technical committee recommend	Yes No RFPG	recommend X Yes No	REGION 10	
Study Type				
x Emergency preparedness	Floodplain modeling, mappi	ing and risk assessment Fea	sibility study Preliminary project engineering	
Other				
Problem Area		N		
City Point Venture	County Travis			
Watershed Bee Creek - Lake Travis, name(s)	Hurst Creek - Lake Travis		Poin	
Tributary(ies) Unnamed Tributary			Point Venture Golf Club	
HUC# 12090205 Str	eam miles (est.) TBD		Gon Chub	
Drainage area: square miles, est 0.9	or acreage, est. 602			
Social vulnerability index 0.15				
(SVI score 0.0 indicates least vulnerable; Other Local Plans & Regulations	1.0 inaicates most vuinerable.)	and the second		

The Sponsor's evacuation plan(s) are out of date and need to be updated to assist with emergency coordination during a flood event.

Population at risk 404

Structures at risk 167

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 80

Roadway(s) impacted (miles) 0.65

Scope of Study

Coordinate with agencies and local governments as necessary to develop/update the evacuation plan.

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger.

Estimated Study Cost

Cost \$25,000

Flood Manag	ement Evaluat	tion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Citywide Drainage Study		ID# 101000086	PLANNING GROUP
Sponsor (name of entity) San Le	anna (Municipality)	Commitment x Yes No	
Technical committee recommen	nd x Yes No RFPG	recommend X Yes No	REGION 10
Study Type Emergency preparedness Other	x Floodplain modeling, mappi	ng and risk assessment Fea	sibility study Preliminary project engineering
Problem Area		N AND	
City San Leanna	County Travis		River Oaks o
Watershed Slaughter Creek - Or name(s)	nion Creek		
Tributary(ies) Slaughter Creek			
HUC# 12090205	Stream miles (est.) TBD		San Leanna
Drainage area: square miles, est	0.43 or acreage, est. 277	ca Z	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulnera	able; 1.0 indicates most vulnerable.)		
Other Watershed Study		Tw.	

The City has multiple local drainage problems and portions of the City are at risk of flooding. The existing risk indicators are based on available data and will be better defined as part of the study. Study will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 7

Structures at risk 8

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 5

Roadway(s) impacted (miles) 0.10

Scope of Study

The Citywide study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

3.2 Increase the number of entities that have evaluated priority flood risk areas and flood risk reduction measures (e.g., alternatives analysis and preliminary engineering). 5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Cost \$250,000

Flood Manag	gement Evaluat	tion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Review and Update Flo	odplain Management Plan	ID# 101000088	PLANNING GROUP
Sponsor (name of entity) Voler	nte (Municipality)	Commitment x Yes No	
Technical committee recomme	nd x Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
x Emergency preparedness	Floodplain modeling, mapp	ing and risk assessment	Feasibility study Preliminary project engineering
Other			
Problem Area		N	
City Volente	County Travis		
Watershed Hurst Creek - Lake name(s)	Travis, Cypress Creek - Lake Travis		
Tributary(ies) Unnamed Tribut	ary		
HUC# 12090205	Stream miles (est.) TBD		
Drainage area: square miles, es	st 2.04 or acreage, est. 1,30	08	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulne)	rable; 1.0 indicates most vulnerable.)	-	Volente 2769
Other Local Plans & Regulation	, ,		

The city is located on the banks of Lake Travis and has numerous houses located in, or adjacent to, the 100-year floodplain. The purpose of this study is to review the city's floodplain management plan.

Population at risk 280

Structures at risk 149

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 136

Roadway(s) impacted (miles) 0.20

Scope of Study

The study would review the existing floodplain management plan and regulations, and make recommendations for improvements such as adopting higher standards and establish an annual review cycle.

Related Goal(s)

3.1 Increase the number of entities that have updated watershed models and floodplain maps to reflect current conditions, including as applicable Atlas 14 (Volume 11) revised rainfall data. 3.3 Increase the number of entities that have digital flood insurance rate maps (DFIRMs) that reflect current conditions.

Estimated Study Cost

Cost \$25,000

Flood Manag	gement Evaluat	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Develop an Emergency	Operations and Evacuation Plan	ID# 101000089	PLANNING GROUP
Sponsor (name of entity) Voler	nte (Municipality)	Commitment x Yes No	
Technical committee recomme	nd x Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
x Emergency preparedness Other Image: Comparedness	Floodplain modeling, mapp	ing and risk assessment	Feasibility study Preliminary project engineering
Problem Area		N	
City Volente	County Travis		
Watershed Hurst Creek - Lake name(s)	Travis, Cypress Creek - Lake Travis		
Tributary(ies) Unnamed Tribut	ary		
HUC# 12090205	Stream miles (est.) TBD		
Drainage area: square miles, es	or acreage, est. 1,30	18	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulner	rable; 1.0 indicates most vulnerable.)	-	Volente 2769
Other Local Plans & Regulation	ns	A	

The Sponsor's evacuation plan(s) are out of date and need to be updated to assist with emergency coordination during a flood event.

Population at risk 280

Structures at risk 149

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 136

Roadway(s) impacted (miles) 0.20

Scope of Study

Coordinate with agencies and local governments as necessary to develop/update the evacuation plan.

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger.

Estimated Study Cost

Cost \$25,000

Flood Manage	ment Evaluati	on (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Various Streets - Upgrade Ex	xisting Roadway Crossings	ID# 101000090	PLANNING GROUP
Sponsor (name of entity) Victoria (Municipality)	Commitment x Yes No	
Technical committee recommend	x Yes No RFPG re	commend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mapping	and risk assessment x	Feasibility study Preliminary project engineering
Other			
Problem Area		N	
City Victoria	County Victoria		
Watershed Unnamed Watershed name(s)			
Tributary(ies) Unnamed Tributary			
HUC# 12100204,12100402 St	tream miles (est.) TBD	18. 16 cm	
Drainage area: square miles, est 44	4.61 or acreage, est. 28,548	3	
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulnerable	e; 1.0 indicates most vulnerable.)		
Other Roadway/Crossing Improve	ments		Victoria

The Sponsor has indicated there are multiple low water crossings that are undersized and overtop. Proposed improvements include upsizing the culverts. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 1.25

Scope of Study

Conduct a study to evaluate upsizing the existing low water crossing. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Management Evaluat	Lower Colorado-Lavaca REGIONAL FLOOD	
Title Harden City Buildings, Critical Infrastructure	ID# 101000091	PLANNING GROUP
Sponsor (name of entity) Victoria (Municipality)	Commitment x Yes No	
Technical committee recommend 🗴 Yes 📃 No RFPG	recommend X Yes No	REGION 10
Study Type		
Emergency preparedness Floodplain modeling, mapping	ng and risk assessment x Feas	ibility study Preliminary project engineering
Other		
Problem Area	N	
City Victoria County Victoria		
Watershed Placedo Creek, Marcado Creek - Gracitas Creek name(s)		H
Tributary(ies) Unnamed Tributary		
HUC# 12100204,12100402 Stream miles (est.) TBD	Sold Salar	
Drainage area: square miles, est 36.71 or acreage, est. 23,45	93	Victoria
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)		
Other Local Plans & Regulations		

Numerous city buildings and other critical infrastructure are at risk due to flood damage. The purpose of the study will be to evaluate the existing infrastructure and determine feasibility and costs for increasing resiliency. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 2,484

Structures at risk 368

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 849

Roadway(s) impacted (miles) 10.35

Scope of Study

Perform a feasibility study to determine if some or all of the city infrastructure should be hardened or flood proofed, establish costs, and prioritize improvements.

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Management Evaluat	tion (FME) STUDY Lower Colorado-Lavaca REGIONAL FLOOD
Title Citywide Drainage Study	ID# 101000092 PLANNING GROUP
Sponsor (name of entity) Victoria (Municipality)	Commitment x Yes No
Technical committee recommend X Yes No RFPG	recommend × Yes No
Study Type	
Emergency preparedness x Floodplain modeling, mappi	ng and risk assessment Feasibility study Preliminary project engineering
Other	
Problem Area	N CONTRACTOR OF CONTRACTOR
City Victoria County Victoria	
Watershed Multiple Watersheds name(s)	
Tributary(ies) Unnamed Tributary	Victoria
HUC# 12100204,12100402 Stream miles (est.) TBD	
Drainage area: square miles, est 885.81 or acreage, est. 566,	920
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)	
Other Watershed Study	

The sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 3,238

Structures at risk 776

Critical facilities at risk 0 51.50

Farm/Ranch land impacted (acres) 37,406

Scope of Study Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, rightof-way needs, and constructability).

Roadway(s) impacted (miles)

Related Goal(s)

3.2 Increase the number of entities that have evaluated priority flood risk areas and flood risk reduction measures (e.g., alternatives analysis and preliminary engineering). 5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Cost \$250,000

Flood Manage	ement Evaluati	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Various Streets - Upgrade B	Existing Roadway Crossings and	ID# 101000093	PLANNING GROUP
Sponsor (name of entity) Victoria	(County)	Commitment x Yes No	
Technical committee recommend	x Yes No RFPG r	ecommend 🗴 Yes 📃 No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappin	g and risk assessment x Fe	easibility study Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Victoria		
Watershed Multiple Watersheds name(s)			
Tributary(ies) Unnamed Tributary			Victoria
HUC# 12100204,12100402 S	tream miles (est.) TBD		
Drainage area: square miles, est 8	885.81 or acreage, est. 566,9	20	
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulnerabl	e; 1.0 indicates most vulnerable.)		
Other Roadway/Crossing Improve	ements	10	

The Sponsor has indicated there are multiple low water crossings that are undersized and overtop. They have also identified that a number of bridges do not have sufficient hydraulic capacity and should be raised above the base flood elevation. Proposed improvements include upsizing the culverts and elevating bridges. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 51.50

Scope of Study

Conduct a study to evaluate upsizing the existing low water crossings and bridges. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Management Evalua	tion (FME) STUDY Lower Colorado-Lavaca REGIONAL FLOOD
Title Identify and Buyout Repetitive Loss Properties	ID# 101000095 PLANNING GROUP
Sponsor (name of entity) Victoria (County)	Commitment x Yes No
Technical committee recommend 🗴 Yes 📃 No RFP	G recommend X Yes No
Study Type	
Emergency preparedness Floodplain modeling, map	ping and risk assessment x Feasibility study Preliminary project engineering
Other	
Problem Area	N Contraction of the second seco
City N/A County Victoria	
Watershed Multiple Watersheds name(s)	
Tributary(ies) Unnamed Tributary	Victoria
HUC# 12100204,12100402 Stream miles (est.) TBD	
Drainage area: square miles, est 885.81 or acreage, est. 56	6,920
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)	
Other Voluntary buyout	

There are multiple flood prone properties that are within the County that are within the 100-year floodplain and subject to repetitive loss. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate voluntary buyouts for future planning cycles.

Population at risk 3,238

Structures at risk 776

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 37,406

Roadway(s) impacted (miles) 51.50

Scope of Study

Perform a feasibility study to determine if some or all of the houses should be elevated or removed.

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation.

Flood Manage	ment Evaluat	tion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Harden county buildings, crit	itical infrastructure, and govern	ment ID# 101000096	PLANNING GROUP
Sponsor (name of entity) Victoria (C	County)	Commitment x Yes No	
Technical committee recommend	x Yes No RFPG	recommend X Yes No	REGION 10
Study Type Emergency preparedness Other	Floodplain modeling, mappi	ing and risk assessment x Fea	sibility study Preliminary project engineering
Problem Area		N	
City N/A	County Victoria	N	
Watershed Multiple Watersheds name(s)			
Tributary(ies) Unnamed Tributary			Victoria
HUC# 12100204,12100402 Str	ream miles (est.) TBD		
Drainage area: square miles, est 88	5.81 or acreage, est. 566,	,920	
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulnerable;	; 1.0 indicates most vulnerable.)		
Other Local Plans & Regulations			

Numerous County buildings and other critical infrastructure are at risk due to flood damage. The purpose of the study will be to evaluate the existing infrastructure and determine the feasibility and costs for increasing resiliency. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 3,238

Structures at risk 776

Critical facilities at risk 0 (miles) 51.50

Farm/Ranch land impacted (acres) 37,406

Roadway(s) impacted (miles)

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation.

Estimated Study Cost

Flood Management E	Lower Colorado-Lavaca REGIONAL FLOOD		
Title Tres Palacios, Blue Creek, East Mustang Cree	k IC	0# 101000098	PLANNING GROUP
Sponsor (name of entity) El Campo (Municipality)	Comr	nitment x Yes No	
Technical committee recommend 🗴 Yes 📃 No	RFPG recomme	end X Yes No	REGION 10
Study Type			
Emergency preparedness x Floodplain m	odeling, mapping and ris	sk assessment 📃 Feas	sibility study Preliminary project engineering
Other			
Problem Area		N 1300	
City El Campo County Whar	ton		
Watershed Tres Palacios River - Frontal Tres Palacio name(s) Blue Creek, East Mustang Creek	s Bay, Mud Creek -		ampo
Tributary(ies) Tres Palacios River, Blue Creek, Mud (Creek	2765	
HUC# 12090302,12100401 Stream miles (est.)	TBD		
Drainage area: square miles, est 9.69 or acrea	age, est. 6,199	A REAL SING	1162
Social vulnerability index 0.81 (SVI score 0.0 indicates least vulnerable; 1.0 indicates mos	t vulnerable.)		59
Other Regional Detention			

The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. There are numerous structures in the 100-year floodplain, particularly in the northeast and southwest sections of the city. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 5,635

Structures at risk 1,589

Farm/Ranch land impacted (acres) 874

Critical facilities at risk 0

34.72

Scope of Study

Conduct a study to evaluate potential detention alternatives. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles)

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Cost \$150,000

Flood Management Eva	aluation (FME) STUD	NY Lower Colorado-Lavaca REGIONAL FLOOD
Title Use Digital Maps of All Hazards and Educate Resi	idents ID# 101000099	PLANNING GROUP
Sponsor (name of entity) El Campo (Municipality)	Commitment x Yes N	0
Technical committee recommend 🗴 Yes 📃 No	RFPG recommend X Yes No	REGION 10
Study Type		
x Emergency preparedness Floodplain model	ling, mapping and risk assessment	Feasibility study Preliminary project engineering
Other		
Problem Area	N 1300	
City El Campo County Wharton		
Watershed Tres Palacios River - Frontal Tres Palacios Bay name(s) Blue Creek, East Mustang Creek	y, Mud Creek -	El Campo
Tributary(ies) Tres Palacios River, Blue Creek, Mud Creek	k 🔰	2765
HUC# 12090302,12100401 Stream miles (est.) TBE	D	
Drainage area: square miles, est 9.69 or acreage,	est. 6,199	1162
Social vulnerability index 0.81 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulr	nerable.)	59
Other Local Plans & Regulations		

The City has identified the need to generate digital maps to overlay and display all known hazards for the purpose of notifying and informing residents.

Population at risk 5,635

Structures at risk 1,589

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 874

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Roadway(s) impacted (miles) 34.72

Scope of Study

Collect known hazard maps and create a digital map (geographic information system map) for the purpose of education. The study will include evaluating options for sharing the maps publicly and developing an ongoing maintenance/update cycle.

Related Goal(s)

1.1 Increase the number of public outreach and educational communications and activities conducted by the RFPG to improve awareness of flood hazards and benefits of flood planning in the flood planning region.

Estimated Study Cost

Flood Mana	gement Evalua	ation (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Pecan Street		ID# 101000100	PLANNING GROUP
Sponsor (name of entity) El Ca	ampo (Municipality)	Commitment x Yes No	
Technical committee recomm	end 🗴 Yes 📃 No 🛛 RFP	PG recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, map	pping and risk assessment x Fe	asibility study Preliminary project engineering
Other			
Problem Area		N	
City El Campo	County Wharton	THE REAL PROPERTY I	
Watershed Tres Palacios Rive name(s)	r - Frontal Tres Palacios Bay		
Tributary(ies) Unnamed Tribu	itary		Pecan St
HUC# 12100401	Stream miles (est.) TBD	<mark>≩ Pecan St</mark>	
Drainage area: square miles, e	est 0.00 or acreage, est. 3		
Social vulnerability index 0.81 (SVI score 0.0 indicates least vulne	L erable; 1.0 indicates most vulnerable.)		
Other Drainage System Impro	ovements		

The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street and local flooding. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 7

Structures at risk 5

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roa

Roadway(s) impacted (miles) 1.10

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Management Evaluation (FME) STUDY			Lower Colorado-Lavaca REGIONAL FLOOD
Title Town & Country Drive		ID# 101000101	PLANNING GROUP
Sponsor (name of entity) El Camp	oo (Municipality)	Commitment x Yes No	
Technical committee recommend	I x Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mapp	ing and risk assessment x Fe	easibility study Preliminary project engineering
Other			
Problem Area		N	
City El Campo	County Wharton		
Watershed Tres Palacios River - F name(s)	rontal Tres Palacios Bay		
Tributary(ies) Unnamed Tributary	у	20	COULTRY Dr
HUC# 12100401	Stream miles (est.) TBD	3 3 3 3 3 3 3	
Drainage area: square miles, est	0.00 or acreage, est. 2		Town of
Social vulnerability index 0.81 (SVI score 0.0 indicates least vulnerab	ole; 1.0 indicates most vulnerable.)		
Other Drainage System Improver	ments		A Contraction

The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street and local flooding. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 32

Structures at risk 25

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles)

mpacted (miles) 0.50

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Mana	gement Evalu	iation (FME) _{stui}	DY Lower Colorado-Lavaca REGIONAL FLOOD
Title Piney Creek Benching		ID# 101000102	PLANNING GROUP
Sponsor (name of entity) Bast	trop (County)	Commitment x Yes	No
Technical committee recomm	end 🗙 Yes 📃 No 🛛 R	RFPG recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, m	napping and risk assessment	Feasibility study X Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Bastrop		
Watershed Spicer Creek - Pin name(s)	ey Creek		H
Tributary(ies) Piney Creek		- ALL AND	95
HUC# 12090301	Stream miles (est.) 1.50	1 1 1 - Day	
Drainage area: square miles, e	est 0.12 or acreage, est.	78	
Social vulnerability index 0.61 (SVI score 0.0 indicates least vulne	L erable; 1.0 indicates most vulnerable	2.)	Material
Other Channel Improvement	S		St.

The existing channel from upstream of HWY 95 to the Colorado River is undersized threatening multiple road crossings as well as houses on Magnolia Street, Mesquite street, and in the Bastrop Estates Mobile Home Park. The city has identified channel benching (approx. 4,430 feet) to increase conveyance as a potential solution. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood-risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 42

Structures at risk 9

Critical facilities at risk 0 ed (miles) 0.19

Farm/Ranch land impacted (acres) 37

Roadway(s) impacted (miles)

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Cost \$200,000

Flood Mana	gement Evaluat	ion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Drainage System Imp	rovements - JC Madison Addition	ID# 101000103	PLANNING GROUP
Sponsor (name of entity) Bas	strop (County)	Commitment x Yes No	
Technical committee recomm	nend 🗴 Yes 📃 No 🛛 RFPG i	recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappir	ng and risk assessment X F	easibility study Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Bastrop		
Watershed Wilbarger Bend, name(s) Sandy Creek - Co	Colorado River, Lower Wilbarger Creek Iorado River	c, Big	
Tributary(ies) Wilbarger Cree	2k		AND SOLDARY STATISTICS
HUC# 12090301	Stream miles (est.) TBD	118121 -50	969 Camp 5
Drainage area: square miles,	est 48.24 or acreage, est. 30,87	74	Dunstan
Social vulnerability index 0.6 (SVI score 0.0 indicates least vuln	1 nerable; 1.0 indicates most vulnerable.)	Carne Sa	
Other Drainage System Impr	ovements		

Additions to the watershed would require improvements to the existing undersized drainage system in the JC Madison Addition. The sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 61

Structures at risk 103

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 5,786

Roadway(s) impacted (miles) 3.68

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Manag	gement Evaluat	Lower Colorado-Lavaca REGIONAL FLOOD	
Title Citywide Drainage Syste	em Improvements	ID# 101000104	PLANNING GROUP
Sponsor (name of entity) Smith	hville (Municipality)	Commitment x Yes No	
Technical committee recomme	nd x Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappi	ng and risk assessment x	Feasibility study Preliminary project engineering
Other			
Problem Area		N	
City Smithville	County Bastrop		
Watershed Willow Creek - Colo name(s)	orado River	2571	
Tributary(ies) Gazley Creek, W	illow Creek		
HUC# 12090301	Stream miles (est.) TBD		Smithville
Drainage area: square miles, es	st 4.02 or acreage, est. 2,57	0	Simulying
Social vulnerability index 0.61 (SVI score 0.0 indicates least vulner	rable; 1.0 indicates most vulnerable.)	A Secol	
Other Drainage System Improv	vements		Shipp Lake

The sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 603

Structures at risk 84

Critical facilities at risk 0

3.79

Farm/Ranch land impacted (acres) 335

Roadway(s) impacted (miles)

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Cost \$500,000

Flood Manage	ement Evaluat	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Update and Maintain Eme	ergency Management Plan	ID# 101000105	PLANNING GROUP
Sponsor (name of entity) Blanco	(County)	Commitment x Yes No	
Technical committee recommend	X Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
x Emergency preparedness	Floodplain modeling, mappi	ng and risk assessment	Feasibility study Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Blanco	N	
Watershed Multiple Watersheds name(s)		Fredericksburg	
Tributary(ies) Unnamed Tributary	1		
HUC# 12090201,12090205	Stream miles (est.) TBD		
Drainage area: square miles, est	710.98 or acreage, est. 455,	029	
Social vulnerability index 0.07 (SVI score 0.0 indicates least vulnerab	le; 1.0 indicates most vulnerable.)		
Other Local Plans & Regulations			San Marcos

The City has identified the need to develop/update an evacuation plan for the safety of the community.

Population at risk 665

Structures at risk 294

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 25,476

Roadway(s) impacted (miles) 15.31

Scope of Study

Evaluate the type of flood early warnings system (flashers, barricades, signage) and communication systems requirements for the installation and long-term maintenance of the system. Include hydrologic and hydraulic modeling (if needed) including depth, duration and frequency of flooding, daily traffic counts, and length of detour (minutes).

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger.

Estimated Study Cost

Flood Manageme	ent Evaluatio	on (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Various Locations - Upgrade Low W	/ater Crossings	ID# 101000106	PLANNING GROUP
Sponsor (name of entity) Blanco (County)	(Commitment x Yes No	
Technical committee recommend X Yes	No RFPG reco	mmend X Yes No	REGION 10
Study Type			
Emergency preparedness Floo	odplain modeling, mapping ar	nd risk assessment x	easibility study Preliminary project engineering
Other			
Problem Area		N	
City N/A Cour	nty Blanco		
Watershed Multiple Watersheds name(s)		Fredericksburg	
Tributary(ies) Unnamed Tributary			
HUC# 12090201,12090205 Stream m	niles (est.) TBD		
Drainage area: square miles, est 710.98	or acreage, est. 455,029		
Social vulnerability index 0.07 (SVI score 0.0 indicates least vulnerable; 1.0 ind	licates most vulnerable.)		
Other Roadway/Crossing Improvements			San Maraza

The Sponsor has indicated there are multiple low water crossings throughout the County that are undersized and overtop. Proposed improvements include upsizing the culverts. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 15.31

Scope of Study

Conduct a study to evaluate upsizing the existing low water crossings. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Manage	ement Evalua	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Citywide Drainage Plan		ID# 101000107	PLANNING GROUP
Sponsor (name of entity) Johnso	n City (Municipality)	Commitment x Yes No	
Technical committee recommend	d x Yes No RFPG	Grecommend X Yes No	REGION 10
Study Type Emergency preparedness Other	Floodplain modeling, mapp	ping and risk assessment	easibility study x Preliminary project engineering
Problem Area		N	
City Johnson City	County Blanco		
Watershed Pedernales name(s)			Johnson City
Tributary(ies) Town Creek, Deer	Creek		Ri
HUC# 12090206	Stream miles (est.) 8.50	Martin (Mart	
Drainage area: square miles, est	1.80 or acreage, est. 1,15	51	
Social vulnerability index 0.07 (SVI score 0.0 indicates least vulnerab	ble; 1.0 indicates most vulnerable.)		
Other Watershed Study		ALL ALL	E

The City has multiple local drainage problems and portions of the City are at risk of flooding from the Pedernales River, Flat Creek, Town Creek, and Deer Creek. The sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 408

Structures at risk 47

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 67

Roadway(s) impacted (miles) 2.06

Scope of Study

The Citywide study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Management Evaluat	tion (FME) STUDY Lower Colorado-Lavaca REGIONAL FLOOD
Title Develop New/Updated Floodplain Maps	ID# 101000108 PLANNING GROUP
Sponsor (name of entity) Johnson City (Municipality)	Commitment x Yes No
Technical committee recommend x Yes No RFPG	recommend X Yes No
Study Type Emergency preparedness x Floodplain modeling, mappin Other	ing and risk assessment Feasibility study Preliminary project engineering
Problem Area	
City Johnson City County Blanco	
Watershed Towhead Creek - Pedernales River, Cottonwood Creek - name(s) Pedernales River	Johnson City
Tributary(ies) Town Creek	Ri
HUC# 12090206 Stream miles (est.) TBD	
Drainage area: square miles, est 1.80 or acreage, est. 1,15	
Social vulnerability index 0.07 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)	
Other Watershed Study	

The existing floodplain maps are outdated and do not reflect current flood risk.

Population at risk 408

Structures at risk 47

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 67

Roadway(s) impacted (miles) 2.06

Scope of Study

The study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) and will develop new floodplain maps that reflect current flood risk.

Related Goal(s)

3.1 Increase the number of entities that have updated watershed models and floodplain maps to reflect current conditions, including as applicable Atlas 14 (Volume 11) revised rainfall data. 3.3 Increase the number of entities that have digital flood insurance rate maps (DFIRMs) that reflect current conditions.

Estimated Study Cost

Flood Management Evaluat	Lower Colorado-Lavaca REGIONAL FLOOD	
Title CR 332 Drainage Improvements	ID# 101000109	PLANNING GROUP
Sponsor (name of entity) Sweeny (Municipality)	Commitment x Yes No	
Technical committee recommend X Yes No RFPG	recommend X Yes No	REGION 10
Study Type		
Emergency preparedness Floodplain modeling, mappi	ing and risk assessment x Feas	ibility study Preliminary project engineering
Other		
Problem Area		
City Sweeny County Brazoria		
Watershed East Matagorda Bay, Bell Creek - San Bernard River name(s)		1459
Tributary(ies) Cedar Lake Creek		Sweeny
HUC# 12090402,12090401 Stream miles (est.) TBD	321	
Drainage area: square miles, est 0.21 or acreage, est. 137	521	
Social vulnerability index 0.21 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)		AND
Other Drainage System Improvements		

The Sponsor has indicated the existing stormwater infrastructure on CR322 is undersized. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 27

Structures at risk 9

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 2.89

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Management Evaluat		ver Colorado-Lavaca GIONAL FLOOD		
Title Various Culverts Along Stevenson Slough		ANNING GROUP		
Sponsor (name of entity) Sweeny (Municipality)	Commitment 🗴 Yes 📃 No			
Technical committee recommend 🗴 Yes 📃 No RFPG	recommend X Yes No	REGION 10		
Study Type				
Emergency preparedness Floodplain modeling, mappi	ng and risk assessment x Feasibility stud	dy Preliminary project engineering		
Other				
Problem Area	N Old Ocean	359		
City Sweeny County Brazoria	OUUCCEAII			
Watershed East Matagorda Bay, Bell Creek - San Bernard River name(s)		HI AND		
Tributary(ies) Unnamed Tributary		a share of a		
HUC# 12090402,12090401 Stream miles (est.) TBD		1459		
Drainage area: square miles, est 3.08 or acreage, est. 1,97	3			
Social vulnerability index 0.61				
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.) Other Roadway/Crossing Improvements				
		Sweeny		

The Sponsor has indicated there are multiple low water crossings in Stevenson Slough that are undersized and overtop. Proposed improvements include upsizing the culverts. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles) 3.80

Scope of Study

Conduct a study to evaluate upsizing the existing culverts. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Cost \$125,000

Flood Management Evaluation (FME) STUDY			Lower Colorado-Lavaca REGIONAL FLOOD	
Title Adopt Flood Insurance Rate Maps		ID# 101000111	PLANNING GROUP	
Sponsor (name of entity) Brownwood (Munic	cipality)	Commitment x Yes No		
Technical committee recommend x Yes	No RFPG	recommend X Yes No	REGION 10	
Study Type				
	olain modeling, mappi	ng and risk assessment Fea	sibility study Preliminary project engineering	
Other				
Problem Area		N		
City Brownwood County	Brown			
Watershed Elm Creek - Pecan Bayou, Adams Branch - Pecan Bayou, name(s) Delaware Creek - Pecan Bayou				
Tributary(ies) Unnamed Tributary		A 10. 444 . 5	Brownwood	
HUC# 12090107 Stream miles	s (est.) TBD			
Drainage area: square miles, est 14.82 o	or acreage, est. 9,48	2		
Social vulnerability index 0.28 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)				
Other Watershed Study			Charles -	

The existing floodplain maps are outdated and do not reflect current flood risk.

Population at risk 6,731

Structures at risk 1,219

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 1,404

Roadway(s) impacted (miles) 29.44

Scope of Study

The study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) and will develop new floodplain maps that reflect current flood risk.

Related Goal(s)

3.1 Increase the number of entities that have updated watershed models and floodplain maps to reflect current conditions, including as applicable Atlas 14 (Volume 11) revised rainfall data. 3.3 Increase the number of entities that have digital flood insurance rate maps (DFIRMs) that reflect current conditions.

Estimated Study Cost

Flood Management Evaluat	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD		
Title Willis Creek Detention	ID# 101000112	PLANNING GROUP		
Sponsor (name of entity) Brownwood (Municipality)	Commitment x Yes No			
Technical committee recommend 🗴 Yes 📃 No RFPG I	recommend X Yes No	REGION 10		
Study Type				
Emergency preparedness Floodplain modeling, mappir	ng and risk assessment x Feas	ibility study Preliminary project engineering		
Other				
Problem Area	N			
City Brownwood County Brown		377		
Watershed Pecan Bayou name(s)				
Tributary(ies) Willis Creek	TA VILACIA			
HUC# 12090106,12090107 Stream miles (est.) 13.00		45		
Drainage area: square miles, est 26.81 or acreage, est. 17,16	61			
Social vulnerability index 0.28				
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.) Other Regional Detention	1176	Camp Bowle		

The area of concern along Willis Creek has insufficient channel capacity and undersized bridge/culvert crossings. The area has experienced excessive flow depth and velocity, has structures at risk, historical flood damages, and channel erosion. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 3,853

Structures at risk 758

Farm/Ranch land impacted (acres) 1,350

risk 758

Critical facilities at risk 0

14.13

Scope of Study

The study will build upon and update previously conducted flood risk reduction studies. Study will include hydrologic and hydraulic modeling, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles)

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost

Flood Managem	ent Evaluat	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Burnet County Flood Early Warn	ing Systems	ID# 101000113	PLANNING GROUP
Sponsor (name of entity) Burnet (Count	ty)	Commitment x Yes No	
Technical committee recommend X Ye	es No RFPG r	ecommend X Yes No	REGION 10
Study Type			
Emergency preparedness F Other	loodplain modeling, mappin	g and risk assessment x	Feasibility study Preliminary project engineering
Problem Area		N	
City N/A Co	ounty Burnet		
Watershed Multiple Watersheds name(s)			
Tributary(ies) Unnamed Tributary			
HUC# 12090201,12090205 Stream	n miles (est.) TBD		S (C)
Drainage area: square miles, est 1,016.0	05 or acreage, est. 650,2	72	
Social vulnerability index 0.19 (SVI score 0.0 indicates least vulnerable; 1.0 i	indicates most vulnerable.)	1 martin	Round Rock
Other Install Flood Early Waning System	n	N. A. C.	

The county has identified multiple roadway crossings that may be overtopped during LCRA Floodgate operations and where roadway crossing improvements are not feasible. Proposed study will identify priority crossings to receive flood warning systems or other safety improvements. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood-risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 8,505

Structures at risk 2,835

Critical facilities at risk 0 43.31

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (miles)

Scope of Study

Evaluate the type of flood early warnings system (flashers, barricades, signage) and communication systems requirements for the installation and long-term maintenance of the system. Include hydrologic and hydraulic modeling (if needed) including depth, duration and frequency of flooding, daily traffic counts, and length of detour (minutes),

Related Goal(s)

2.1 Increase the number of communities with warning and emergency response capabilities, or which participate in regional flood warning systems (e.g., City of Austin Flood Early Warning System) that can detect flood threats in real time and provide timely warning of impending flood danger. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Manag	ement Evaluat	tion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Shade Grove Flood Study	ý	ID# 101000114	PLANNING GROUP
Sponsor (name of entity) Burne	t (Municipality)	Commitment x Yes No	
Technical committee recommen	nd 🗴 Yes 📃 No 🛛 RFPG	recommend X Yes No	REGION 10
Study Type			
Emergency preparedness Other	Floodplain modeling, mapp	ing and risk assessment x Fea	sibility study Preliminary project engineering
Problem Area		N	
City Burnet	County Burnet		
Watershed Headwaters Hamilto name(s)	on Creek		In the second seco
Tributary(ies) Unnamed Tributa	ry		Search Search
HUC# 12090205,12070205	Stream miles (est.) TBD		
Drainage area: square miles, est	0.22 or acreage, est. 138	963	
Social vulnerability index 0.19 (SVI score 0.0 indicates least vulnero	able; 1.0 indicates most vulnerable.)		
Other Watershed Study		and the state	

The Sponsor has indicated the existing stormwater infrastructure in the study area is undersized and the area is at risk of street flooding, property flooding, and potential structural flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 150

Structures at risk 55

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 10

Roadway(s) impacted (miles) 0.19

Scope of Study

The study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Managemen	Lower Colorado-Lavaca REGIONAL FLOOD				
Title Whitman Branch Bypass; Oak Ridge Drive Creek		ID# 101000116	PLANNING GROUP		
Sponsor (name of entity) Marble Falls (Municipality)		ommitment x Yes No			
Technical committee recommend X Yes	No RFPG recon	nmend X Yes No	REGION 10		
Study Type					
Emergency preparedness Floodp	blain modeling, mapping and	d risk assessment x Fe	easibility study Preliminary project engineering		
Other					
Problem Area		N			
City Marble Falls County	Burnet				
Watershed Backbone Creek name(s)			281		
Tributary(ies) Whitman Branch					
HUC# 12090205 Stream miles (est.) TBD					
Drainage area: square miles, est 3.60 0	or acreage, est. 2,305	Van Ale			
Social vulnerability index 0.19 (SVI score 0.0 indicates least vulnerable; 1.0 indicates	tes most vulnerable.)	A.A. SH			
Other Roadway/Crossing Improvements / Ch	annel Improvements	1431	1431		

The existing crossing is undersized and overtops, potentially impacting surrounding structures. The proposed improvements include installing a 50 foot wide bypass channel. The existing road is a 2-lane road with an average daily traffic count of 265. The existing risk indicators are based on available data and will be better defined as part of the study. Study results will include detailed assessments of existing flood risk and potential flood risk reduction to be used in evaluating projects for future funding cycles.

Population at risk 109

Structures at risk 40

Farm/Ranch land impacted (acres) 126

Roadway(s) impacted (miles)

Critical facilities at risk 0 0.29

Scope of Study

Conduct a study to evaluate the area. Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall), preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways (e.g., low-water crossings, irrigation canals).

Estimated Study Cost

Flood Manag	gement Evaluat	tion (FME) STUDY	Lower Colorado-Lavaca REGIONAL FLOOD
Title Sandy Oaks Subdivision		ID# 101000118	PLANNING GROUP
Sponsor (name of entity) Colorado (County)		Commitment x Yes No	
Technical committee recommer	nd x Yes No RFPG	recommend X Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappi	ing and risk assessment x F	Feasibility study Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Colorado		
Watershed Multiple Watershed name(s)	ds		
Tributary(ies) Unnamed Tributa	ary		Bos
HUC# 12090302,12090401	Stream miles (est.) TBD		Ros
Drainage area: square miles, es	or acreage, est. 621,	,174	
Social vulnerability index 0.53 (SVI score 0.0 indicates least vulner	able; 1.0 indicates most vulnerable.)	63 ÷ 4	
Other Watershed Study			

The subdivision has multiple local drainage problems and portions of the subdivision are at risk of flooding. The existing flood risk is not well defined, and the risk indicators are based on the study area. Study results will provide a more detailed assessment of existing flood and potential flood risk reduction that will be used to evaluate projects for future planning cycles.

Population at risk 4,259

Structures at risk 2,103

Farm/Ranch land impacted (acres) 105,662

res at risk 2,103

Critical facilities at risk 0 (miles) 125.76

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to identify priority flood risk areas, preliminary design of improvements, risk reduction analysis, verification of no adverse impacts, preparation of cost estimates and a benefit-cost-analysis, and an evaluation of potential constraints (environmental, utility conflicts, right-of-way needs, and constructability).

Roadway(s) impacted (miles)

Related Goal(s)

3.2 Increase the number of entities that have evaluated priority flood risk areas and flood risk reduction measures (e.g., alternatives analysis and preliminary engineering). 5.1 Reduce the number of structures and critical infrastructure that are at high risk of repetitive loss through property/easement acquisitions, relocations, floodproofing and/or elevation. 6.1 Reduce the number of structures and critical facilities that are at high risk of repetitive loss through the implementation of structural flood mitigation projects.

Estimated Study Cost