

## FME Batch 3

9-Jun-22

	Action Number	Action Name	County	Batch Page Number	TC Rec (Y/N)	Tech Committee Rec Date	RFPG Rec (Y/N)	RFPG Rec Date
				0				
Batch 3A	10100009	Pecan Shores Subdivision	Bastrop	1	Yes	5/25/2022		
	10100010	Hidden Shores Subdivision	Bastrop	2	Yes	5/25/2022		
	10100011	Waters Edge Terrace Subdivision	Bastrop	3	Yes	5/25/2022		
	10100026	Smithville Recreation Center Expansion	Bastrop	4	Yes	5/25/2022		
	101000155	Taylor Lane Drainage Improvements	Bastrop	5	Yes	5/25/2022		
	101000156	Stormwater Detention at Morris Park	Bastrop	6	Yes	5/25/2022		
	101000105	Update and Maintain Emergency Management Plan	Blanco	7	Yes	5/25/2022		
	101000138	Dam Emergency Action Plan	Burnet	8	Yes	5/25/2022		
	101000165	Whitman Branch Regional Detention Pond	Burnet	9	Yes	5/25/2022		
	101000166	Ave J Bridge Replacement	Burnet	10	Yes	5/25/2022		
	101000167	Broadway Street at Whitman Branch Low Water Crossing	Burnet	11	Yes	5/25/2022		
	101000168	1431/281 Detention	Burnet	12	Yes	5/25/2022		
Batch 3B	101000169	Backbone Branch Detention Pond	Burnet	13	Yes	5/25/2022		
	101000170	Marble Falls Creek Walk	Burnet	14	Yes	5/25/2022		
	101000172	2nd Street at Backbone Creek Low Water Crossing	Burnet	15	Yes	5/25/2022		
	101000173	Ave L at Whitman Creek Low Water Crossing	Burnet	16	Yes	5/25/2022		
	101000174	Broadway at Backbone Creek Low Water Crossing	Burnet	17	Yes	5/25/2022		
	101000119	Frisch Auf Buyout	Fayette	18	Yes	5/25/2022		
	101000120	Flood Proof Wastewater Treatment Plants	Fayette	19	Yes	5/25/2022		
	101000178	Low Water Crossing's at 4 Locations	Gillespie	20	Yes	5/25/2022		
	101000061	Prepare Evacuation Plan	Hays	21	Yes	5/25/2022		
	101000126	Flood Proofing Repetitive Loss Structure	Hays	22	Yes	5/25/2022		
	101000153	City of Buda Garlic Creek Culvert	Hays	23	Yes	5/25/2022		
	101000064	Land Purchase for New EMS/Fire/Police Building	Jackson	24	Yes	5/25/2022		
Batch 3C	101000127	Wastewater Treatment Plant Floodproofing	Jackson	25	Yes	5/25/2022		
	101000128	City Hall Hardening and Safe Room	Jackson	26	Yes	5/25/2022		
	101000065	Jackson County Hospital District	Jackson	27	Yes	5/25/2022		
	101000068	Lake Junction Dredging	Kimble	28	Yes	5/25/2022		
	101000072	Prepare Evacuation Plan	Llano	29	Yes	5/25/2022		
	101000130	Relocate Fire Department Building	Llano	30	Yes	5/25/2022		
	101000175	102 Beach Drive Low Water Crossing	Llano	31	Yes	5/25/2022		
	101000176	124 Sunrise Drive Low Water Crossing	Llano	32	Yes	5/25/2022		
	101000074	Construct Emergency Operation Center	Matagorda	33	Yes	5/25/2022		
	101000131	Police Station Relocation and Safe Room	Matagorda	34	Yes	5/25/2022		
	101000181	Harris Hallow Neighborhood Flooding	Menard	35	Yes	5/25/2022		
	101000080	Community Evacuation Plan	Travis	36	Yes	5/25/2022		
Batch 3D	101000083	Community Evacuation Plan	Travis	37	Yes	5/25/2022		
	101000085	Create Emergency Evacuation Plan	Travis	38	Yes	5/25/2022		
	101000088	Review and Update Floodplain Management Plan	Travis	39	Yes	5/25/2022		
	101000089	Develop an Emergency Operations and Evacuation Plan	Travis	40	Yes	5/25/2022		
	101000164	East Reed Park Road Flooding	Travis	41	Yes	5/25/2022		
	101000091	Harden City Buildings, Critical Infrastructure	Victoria	42	Yes	5/25/2022		
	101000095	Identify and Buyout Repetitive Loss Properties	Victoria	43	Yes	5/25/2022		
	101000098	Tres Palacios, Blue Creek, East Mustang Creek	Victoria	44	Yes	5/25/2022		
	101000096	Harden County Buildings, Critical Infrastructure, and Government	Victoria	45	Yes	5/25/2022		
	101000099	Use Digital Maps of All Hazards and Educate Residents	Wharton	46	Yes	5/25/2022		

# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title **Community Evacuation Plan** ID# **101000083**  
Sponsor (name of entity) **Lago Vista (Municipality)** Commitment ☒ Yes ☐ No  
Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

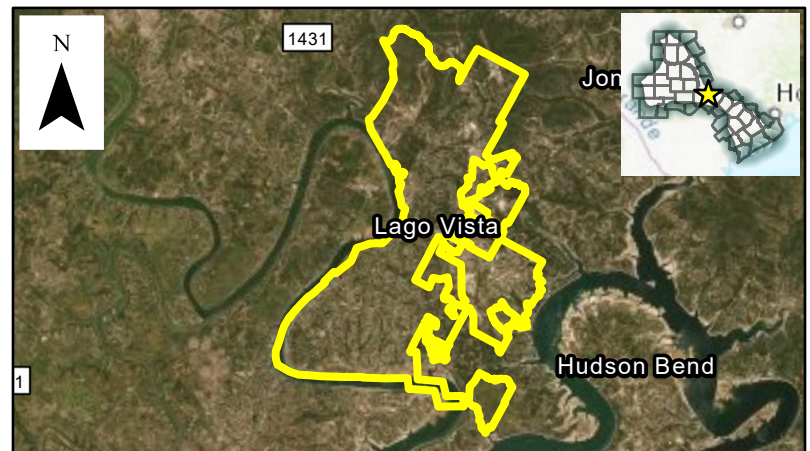
REGION 10

### Study Type

☒ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☐ Feasibility study ☐ Preliminary project engineering  
☐ Other

### Problem Area

City **Lago Vista** County **Travis**  
Watershed **Bee Creek - Lake Travis, Hurst Creek - Lake Travis**  
name(s)  
Tributary(ies) **Unnamed Tributary**  
HUC# **12090205** Stream miles (est.) **TBD**  
Drainage area: square miles, est. **15.51** or acreage, est. **9,926**  
Social vulnerability index **0.15**  
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)  
Other **Local Plans & Regulations**



### Flood Risk Description

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** Potential funding source(s) **TBD**

# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title  ID#

Sponsor (name of entity)  Commitment ☒ Yes ☐ No

Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☒ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☐ Feasibility study ☐ Preliminary project engineering

☐ Other

### Problem Area

City  County

Watershed  name(s)

Tributary(ies)

HUC#  Stream miles (est.)

Drainage area: square miles, est.  or acreage, est.

Social vulnerability index   
*(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)*

Other



### Flood Risk Description

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  Structures at risk  Critical facilities at risk

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

### 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  Potential funding source(s)

# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title **Review and Update Floodplain Management Plan** ID# **101000088**  
Sponsor (name of entity) **Volente (Municipality)** Commitment ☒ Yes ☐ No  
Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☒ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☐ Feasibility study ☐ Preliminary project engineering  
☐ Other

### Problem Area

City **Volente** County **Travis**  
Watershed **Hurst Creek - Lake Travis, Cypress Creek - Lake Travis**  
name(s)  
Tributary(ies) **Unnamed Tributary**  
HUC# **12090205** Stream miles (est.) **TBD**  
Drainage area: square miles, est. **2.04** or acreage, est. **1,308**  
Social vulnerability index **0.15**  
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)  
Other **Local Plans & Regulations**



### Flood Risk Description

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** Potential funding source(s) **TBD**



# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title **Develop an Emergency Operations and Evacuation Plan** ID# **101000089**  
Sponsor (name of entity) **Volente (Municipality)** Commitment ☒ Yes ☐ No  
Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☒ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☐ Feasibility study ☐ Preliminary project engineering  
☐ Other

### Problem Area

City **Volente** County **Travis**  
Watershed **Hurst Creek - Lake Travis, Cypress Creek - Lake Travis**  
name(s)  
Tributary(ies) **Unnamed Tributary**  
HUC# **12090205** Stream miles (est.) **TBD**  
Drainage area: square miles, est. **2.04** or acreage, est. **1,308**  
Social vulnerability index **0.15**  
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)  
Other **Local Plans & Regulations**



### Flood Risk Description

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** Potential funding source(s) **TBD**

# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title **East Reed Park Road Flooding** ID# **101000164**  
Sponsor (name of entity) **Jonestown (Municipality)** Commitment ☒ Yes ☐ No  
Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☐ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☐ Feasibility study ☒ Preliminary project engineering  
☐ Other

### Problem Area

City **Jonestown** County **Travis**  
Watershed **Hurst Creek - Lake Travis**  
name(s)  
Tributary(ies) **Unnamed Tributary**  
HUC# **12090205** Stream miles (est.) **TBD**  
Drainage area: square miles, est. **2.82** or acreage, est. **1,805**  
Social vulnerability index **0.15**  
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)  
Other **Roadway/Crossing Improvements & Channel Improvements**



### Flood Risk Description

The existing crossing is undersized and overtops. There are multiple houses upstream of the crossing that appear to be impacted by backwater flooding. The existing crossing consists of multiple corrugated metal pipes. The proposed improvements include upsizing the crossing with a bridge. The existing road is a 2-lane road with an average daily traffic count of 504. 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 **1** Structures at risk **2** Critical facilities at risk **0**  
Farm/Ranch land impacted (acres) **45** Roadway(s) impacted (miles) **0.15**

### 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

Cost **\$100,000** Potential funding source(s) **TBD**

# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title **Harden City Buildings, Critical Infrastructure** ID# **101000091**  
Sponsor (name of entity) **Victoria (Municipality)** Commitment ☒ Yes ☐ No  
Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☐ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☒ Feasibility study ☐ Preliminary project engineering  
☐ Other

### Problem Area

City **Victoria** County **Victoria**  
Watershed **Placedo Creek, Marcado Creek - Gracitas Creek**  
name(s)  
Tributary(ies) **Unnamed Tributary**  
HUC# **12100204,12100402** Stream miles (est.) **TBD**  
Drainage area: square miles, est. **36.71** or acreage, est. **23,493**  
Social vulnerability index **0.62**  
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)  
Other **Local Plans & Regulations**



### Flood Risk Description

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

Cost **\$100,000** Potential funding source(s) **TBD**

# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title  ID#   
Sponsor (name of entity)  Commitment ☒ Yes ☐ No  
Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☐ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☒ Feasibility study ☐ Preliminary project engineering  
☐ Other

### Problem Area

City  County   
Watershed  name(s)  
Tributary(ies)   
HUC#  Stream miles (est.)   
Drainage area: square miles, est.  or acreage, est.   
Social vulnerability index   
(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)  
Other



### Flood Risk Description

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  Structures at risk  Critical facilities at risk   
Farm/Ranch land impacted (acres)  Roadway(s) impacted (miles)

### 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.

### Estimated Study Cost

Cost  Potential funding source(s)



# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title Tres Palacios, Blue Creek, East Mustang Creek

ID# 101000098

Sponsor (name of entity) El Campo (Municipality)

Commitment ☒ Yes ☐ No

Technical committee recommend ☒ Yes ☐ No

RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☐ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☒ Feasibility study ☐ Preliminary project engineering  
☐ Other

### Problem Area

City El Campo County Wharton

Watershed Tres Palacios River - Frontal Tres Palacios Bay, Mud Creek -  
name(s) Blue Creek, East Mustang Creek

Tributary(ies) Tres Palacios River, Blue Creek, Mud Creek

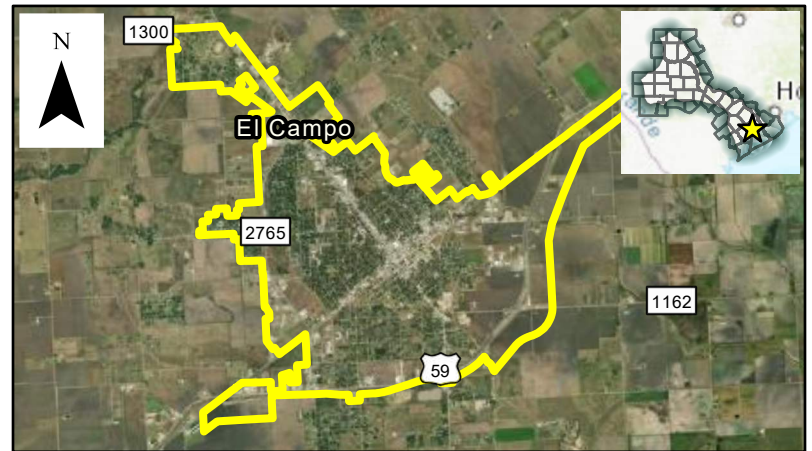
HUC# 12090302,12100401 Stream miles (est.) TBD

Drainage area: square miles, est 9.69 or acreage, est. 6,199

Social vulnerability index 0.81

(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)

Other Regional Detention



### Flood Risk Description

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 Critical facilities at risk 0

Farm/Ranch land impacted (acres) 874 Roadway(s) impacted (miles) 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).

### 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

Potential funding source(s) TBD



# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title **Harden county buildings, critical infrastructure, and government** ID# **101000096**  
Sponsor (name of entity) **Victoria (County)** Commitment ☒ Yes ☐ No  
Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☐ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☒ Feasibility study ☐ Preliminary project engineering  
☐ Other

### Problem Area

City **N/A** County **Victoria**  
Watershed **Multiple Watersheds**  
name(s)  
Tributary(ies) **Unnamed Tributary**  
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 **Local Plans & Regulations**



### Flood Risk Description

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**  
Farm/Ranch land impacted (acres) **37,406** Roadway(s) impacted (miles) **51.50**

### 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)

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

Cost **\$100,000** Potential funding source(s) **TBD**

# Flood Management Evaluation (FME) STUDY

## Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP

Title  ID#

Sponsor (name of entity)  Commitment ☒ Yes ☐ No

Technical committee recommend ☒ Yes ☐ No RFPG recommend ☐ Yes ☐ No

REGION 10

### Study Type

☒ Emergency preparedness ☐ Floodplain modeling, mapping and risk assessment ☐ Feasibility study ☐ Preliminary project engineering

☐ Other

### Problem Area

City  County

Watershed

Tributary(ies)

HUC#  Stream miles (est.)

Drainage area: square miles, est.  or acreage, est.

Social vulnerability index   
*(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)*

Other



### Flood Risk Description

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  Structures at risk  Critical facilities at risk

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

### 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

Cost  Potential funding source(s)