	FME Batch 2B							25-May-22
	Action Number	Action Name	County	Batch Page Number	Tech Committee	Tech Committee Rec	RFPG Rec	RFPG Rec
Ī				0				
	101000045	Creek St at Barons Creek (Moved to FMP)	-	-				
	101000046	Highway St- (Moved to FMP)	-	-				
	101000048	Trailmoor near Llano Hwy	Gillespie	1				
	101000049	Lady Bird Golf Course Low water crossing (Moved to FMP)	-	-				
	101000050	Drainage Channel near EMS Building	Gillespie	2				
. [101000051	Bob White Trail	Gillespie	3				
Batch 2B-1	101000052	W Travis Low Water Crossing (Moved to FMP)	-	-				
h2	101000053	N Edison Low Water Crossing	Gillespie	4				
Batc	101000054	Schubert Low Water Crossing	Gillespie	5				
-	101000055	200 Block N Orange	Gillespie	6				
	101000056	Crockett St south of Travis	Gillespie	7				
	101000057	Cross Mountain West	Gillespie	8				
	101000058	N Milam at West Travis	Gillespie	9				
	101000122	Carriage Hills	Gillespie	10				
	101000123	Post Oak Subdivision	Gillespie	11				
	101000124	Windmill Oaks Subdivision (Moved to FMP)	-	-				
1	101000059	Repair of Little Barton Creek Dam	Hays	12				
	101000060	Floodplain/floodway audit	Hays	13				
	101000079	Various Streets - (removed from COA list)	-	-				
~	101000158	Citywide Storm Drain Infrastructure Modeling	Travis	14				
8	101000063	Stormwater Diversion Project	Jackson	15				
÷	101000066	County Road 480	Jackson	16				
Batch 2B-2	101000129	Palmetto Bend Spillway	Jackson	17				
-	101000092	Citywide Drainage Study	Victoria	18				
	101000093	Various Streets - Upgrade Existing Roadway Crossings	Victoria	19				
	101000094	Upgrade/Raise various bridges (Combined)	-	-				
	101000118	Sandy Oaks Subdivision	Colorado	20				
		Various Streets - Upgrade Low Water Crossings	Blanco	21				
		Various Streets - Install Floow Early Warning System	Kendall	22				
		Countywide Floodplain Map Update	Gillespie	23		-		
		Llano River Erosion	Kimble	24				
~		South Polk Street Study	Lee	25				
B	101000070	Llano River Channel Maintenance/Improvements	Llano	26				
ch.	101000073	Comanche Rancherias Subdivision	Llano	27		-		
Batch 2B-3		Drainage Ditch Maintenance/Improvements	Llano	28				
-		Airport Drainage Improvements	Matagorda	29				
	101000077	Update Flood Insurance Study & Flood Insurance Rate Maps	Matagorda	30				
	101000076	Tres Palacios River	Matagorda	31				
	101000149	Various Streets (Moved to FMP)	-	-				

Flood Manag	ement Evaluat	ion (FME) _{STUDY}	Lower Colorado-Lavaca REGIONAL FLOOD
Title Repair of Little Barton Cre	ek Dam	ID# 101000059	PLANNING GROUP
Sponsor (name of entity) Drippir	ıg Springs (Municipality)	Commitment 🗙 Yes 📃 No	
Technical committee recommend	d Yes No RFPG r	recommend Yes No	REGION 10
Study Type			
Emergency preparedness Other	Floodplain modeling, mappir	ng and risk assessment 📃 F	easibility study X Preliminary project engineering
Problem Area		N	
City Dripping Springs	County Hays		
Watershed Headwaters Barton (name(s)	Creek		
Tributary(ies) Little Barton Creek	(2 Alla I	12
HUC# 12090205	Stream miles (est.) 0.50	and the second second	
Drainage area: square miles, est	0.00 or acreage, est. 2	A CONTRACT OF	
Social vulnerability index 0.17 (SVI score 0.0 indicates least vulneral	ble; 1.0 indicates most vulnerable.)		AND A
Other Dam Improvements		A BERT	

Dripping Springs Park Dam is a small earthen embankment dam with earthen spillway upstream of HWY 12. The dam does not appear to be regulated by the TCEQ due to size and volume and the exact risk is not well defined. 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. The Sponsor has identified the need to work with FEMA to evaluate and remediate the dam.

Population at risk 0

Structures at risk 0

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 2

Roadway(s) impacted (miles) 0.00

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 Managem	Lower Colorado-Lavaca REGIONAL FLOOD		
Title Floodplain/Floodway Audit		ID# 101000060	PLANNING GROUP
Sponsor (name of entity) Hays (Municip	ality)	Commitment X Yes No	
Technical committee recommend	s No RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness X F	loodplain modeling, mappi	ng and risk assessment 🛛 🗧 F	easibility study Preliminary project engineering
Other			
Problem Area		N	
City Hays Co	ounty Hays		
Watershed Bear Creek name(s)			Hays
Tributary(ies) Unnamed Tributary			Hays or Dr Tr
HUC# 12090205 Stream	miles (est.) TBD	ASSAN BAR	Ranger Dr
Drainage area: square miles, est 0.21	or acreage, est. 135		Ranger Dr
Social vulnerability index 0.17 (SVI score 0.0 indicates least vulnerable; 1.0 i	ndicates most vulnerable.)	- ANN - ANN	aynos - Cany
Other Watershed Study			

The tributary to Bear Creek runs through the southern and northern limits of the City and there are multiple houses adjacent to the 100-year floodplain that may be at risk of flooding. The proposed study will develop updated risk information.

Population at risk 0

Structures at risk 1

Critical facilities at risk 0

Farm/Ranch land impacted (acres) 4

Roadway(s) impacted (miles) 0.04

Scope of Study

The flood study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) and may 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 \$50,000

Flood Management Evaluat	Lower Colorado-Lavaca REGIONAL FLOOD	
Title Citywide Storm Drain Infrastructure Modeling	ID# 101000158	PLANNING GROUP
Sponsor (name of entity) Austin (Municipality)	Commitment X Yes No	
Technical committee recommend Yes No RFPG r	recommend Yes No	REGION 10
Study Type		
Emergency preparedness X Floodplain modeling, mappin	ng and risk assessment Fr	easibility study Preliminary project engineering
Other		
Problem Area	N	Cedar Park Round Rock
City Austin County Travis		
Watershed Multiple Watersheds name(s)	A 935	
Tributary(ies) Unnamed Tributary		
HUC# 12090205,12070205 Stream miles (est.) TBD		Austin
Drainage area: square miles, est 279.33 or acreage, est. 178,7	771	
Social vulnerability index 0.15 (SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)		non A
Other Drainage System Improvements		A Partie

1D and 2D models are needed for the entire City to evaluate and design upgrades to the existing storm drain systems. The study will update existing 1D models based on new drainage criteria and data, perform QA/QC on previously completed storm drain models, develop new 1D storm drain models for previously unstudies systems, develop 2D system models for unstudied watersheds, and update 2D system models for previously completed 2D model studies.

Population at risk 62,070

Structures at risk 5,696

Critical facilities at risk 0 111.76

Farm/Ranch land impacted (acres) 7,306

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)

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 \$12,600,000 Potential funding source(s) TBD

Flood Manageme	Lower Colorado-Lavaca REGIONAL FLOOD				
Title Stormwater Diversion Project		ID# 101000063	PLANNING GROUP		
Sponsor (name of entity) Edna (Municipalit	y)	Commitment X Yes No			
Technical committee recommend 📃 Yes	No RFPG I	recommend Yes No	REGION 10		
Study Type					
Emergency preparedness Floor	dplain modeling, mappir	ng and risk assessment	easibility study X Preliminary project engineering		
Other					
Problem Area		N			
City Edna Count	y Jackson	822			
Watershed Post Oak Branch - Dry Creek name(s)			59		
Tributary(ies) Dry Creek			Edna 🚫		
HUC# 12100101,12100102 Stream miles (est.) TBD					
Drainage area: square miles, est 4.06	or acreage, est. 2,601	1			
Social vulnerability index 0.51 (SVI score 0.0 indicates least vulnerable; 1.0 indic	ates most vulnerable.)				
Other Drainage System Improvements					

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 exact 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

1,223

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 Manag	gement Evalua	Lower Colorado-Lavaca REGIONAL FLOOD	
Title County Road 480		ID# 101000066	PLANNING GROUP
Sponsor (name of entity) Jacks	son (County)	Commitment X Yes No	
Technical committee recomme	end Yes No RFPG	G recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mapp	oing and risk assessment	Feasibility study X Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Jackson		
Watershed Matagorda Bay, Ea name(s) Bay	ıst Carancahau Creek - Frontal Caraı	ncahua	County Road 480
Tributary(ies) Unnamed Tribut	tary		
HUC# 12100401	Stream miles (est.) TBD		
Drainage area: square miles, e	st 0.06 or acreage, est. 41		
Social vulnerability index 0.51 (SVI score 0.0 indicates least vulne	rable; 1.0 indicates most vulnerable.)		
Other Roadway/Crossing Imp	rovements	1. 27 1. 1	

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 2-lane road with an average daily traffic count of 36.

Population at risk 0

Scope of Study

Structures at risk 0

Critical facilities at risk 0 ed (miles) 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).

Estimated Study Cost

Cost \$100,000

Flood Manag	ement Evaluat	Lower Colorado-Lavaca REGIONAL FLOOD	
Title Palmetto Bend Spillway		ID# 101000129	PLANNING GROUP
Sponsor (name of entity) Lavac	a-Navidad River Authority	Commitment X Yes No	
Technical committee recommer	nd Yes No RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappi	ng and risk assessment 🛛 🛛 F	easibility study X Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Jackson		
Watershed Chicolete Creek - Na name(s)	avidad River		3131
Tributary(ies) Navidad River			
HUC# 12100102	Stream miles (est.) 0.00		
Drainage area: square miles, est	t 0.12 or acreage, est. 79		all all a second
Social vulnerability index 0.51 (SVI score 0.0 indicates least vulnera	able; 1.0 indicates most vulnerable.)		A A A A A A A A A A A A A A A A A A A
Other Dam Improvements			Name and Andrews

Lake Texana is a large earthen embankment dam with a multiple-gate concreate spillway that is traversed by FM 3131. The dam has limited ability to quickly deploy/install stop-logs in front of the gates in an emergency and has identified the need to develop an emergency stop log deployment system. 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

Farm/Ranch land impacted (acres) 13

Critical facilities at risk 0 0.10

Scope of Study

Study will include hydrologic and hydraulic modeling (with Atlas 14 rainfall) to determine how stop log installation could impact dam operations, 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	Lower Colorado-Lavaca REGIONAL FLOOD		
Title Citywide Drainage Study		ID# 101000092	PLANNING GROUP
Sponsor (name of entity) Victoria (Mu	nicipality)	Commitment X Yes No	
Technical committee recommend	res No RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappir	ng and risk assessment	easibility study X Preliminary project engineering
Other			
Problem Area		N	
City Victoria	County Victoria		
Watershed Multiple Watersheds name(s)			
Tributary(ies) Unnamed Tributary			Victoria
HUC# 12100204,12100402 Strea	m miles (est.) TBD		
Drainage area: square miles, est 885.8	or acreage, est. 566,9	920	
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulnerable; 1.0	0 indicates most vulnerable.)		
Other Watershed Study		Ka a a	

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

Farm/Ranch land impacted (acres) 37,406

Critical facilities at risk 0 d (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).

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 Manag	gement Evalu	uation (FME)		Colorado-Lavaca
Title Various Streets - Upg	grade Existing Culverts and B	Bridges ID# 101000093	•	INING GROUP
Sponsor (name of entity) Victo	oria (County)	Commitment 🗙 Ye		
Technical committee recomme	end Yes No	RFPG recommend Yes	No	REGION 10
Study Type				
Emergency preparedness	Floodplain modeling, n	mapping and risk assessment	Feasibility study	X Preliminary project engineering
Other				
Problem Area		N		
City N/A	County Victoria			
Watershed Multiple Watershe name(s)	:ds			
Tributary(ies) Unnamed Tribut	tary		Vict	oria
HUC# 12100204,12100402	Stream miles (est.) TBD			
Drainage area: square miles, es	st 885.81 or acreage, est.	566,920		
Social vulnerability index 0.62 (SVI score 0.0 indicates least vulne	rable; 1.0 indicates most vulnerable	le.)		
Other Roadway/Crossing Impr	rovements	12 1		

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. 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 51.50

Farm/Ranch land impacted (acres) 0

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-costanalysis, 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).

Estimated Study Cost

Cost \$100,000

Flood Manage	ement Evaluat	Lower Colorado-Lavaca REGIONAL FLOOD	
Title Sandy Oaks Subdivision		ID# 101000118	PLANNING GROUP
Sponsor (name of entity) Colorado	o (County)	Commitment X Yes No	
Technical committee recommend	Yes No RFPG	recommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mappi	ng and risk assessment	Feasibility study X Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Colorado		
Watershed Multiple Watersheds name(s)			
Tributary(ies) Unnamed Tributary			Ros
HUC# 12090302,12090401 S	Stream miles (est.) TBD		Ros
Drainage area: square miles, est 9	or acreage, est. 621,	174	
Social vulnerability index 0.53 (SVI score 0.0 indicates least vulnerabl	le; 1.0 indicates most vulnerable.)		and the state of the second
Other Watershed Study		and the last	

The subdivision has multiple local drainage problems and portions of the subdivision are at risk of flooding. The exact 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

ures 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

Cost \$100,000

Flood Manager	ment Evaluatio	Lower Colorado-Lavaca REGIONAL FLOOD	
Title Various Locations - Upgrade	Low Water Crossings	ID# 101000106	PLANNING GROUP
Sponsor (name of entity) Blanco (Co	ounty)	Commitment 🗙 Yes 📃 No	
Technical committee recommend	Yes No RFPG reco	ommend Yes No	REGION 10
Study Type			
Emergency preparedness	Floodplain modeling, mapping a	and risk assessment 📃 F	Feasibility study X Preliminary project engineering
Other			
Problem Area		N	
City N/A	County Blanco		
Watershed Multiple Watersheds name(s)		Fredericksburg	
Tributary(ies) Unnamed Tributary		and the second	
HUC# 12090201,12090205 Stre	eam miles (est.) TBD		
Drainage area: square miles, est 710	0.98 or acreage, est. 455,029		
Social vulnerability index 0.07 (SVI score 0.0 indicates least vulnerable;	1.0 indicates most vulnerable.)		
Other Roadway/Crossing Improvem	ients		

The Sponsor has indicated there are multiple low water crossings throughout the County that are undersized and overtop. Proposed improvements include upsizing the culverts.

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

Cost \$100,000