

**Task 13 - Sponsor Requested FMPs**

Batch	Page	New Action Number	Old Action Number (To be removed)	Type	Sponsor	Project	Notes	TC Rec (Y/N)	Tech Committee Rec Date	RFPG Rec (Y/N)	RFPG Rec Date
4	2	103000055	101000202	FMP	Austin (Municipality)	Dalton Lane Low water Crossing Improvements	FME to FMP	Yes	5/15/2023		
4	3	103000056	101000205	FMP	Austin (Municipality)	Waller Creek – Guadalupe St. Flood Risk Reduction	FME to FMP	Yes	5/15/2023		
4	4	103000057		FMP	Bastrop (Municipality)	Detention Pond at Hunters Crossing (DMP SB-01)	New FMP	Yes	5/15/2023		
		<del>103000058</del>		NA	<del>Bastrop (Municipality)</del>	<del>Riverwood Drive Improvements at Piney Creek (DMP PC-02)</del>	<del>See FME 101000246 above</del>				
4	5	103000059		FMP	Bastrop (Municipality)	SH-95 at Gills Branch (DMP GB-01)	New FMP	Yes	5/15/2023		
4	6	103000062		FMP	Caldwell County	Cedar Creek Channel Improvements Near Christian Drive	New FMP	Yes	5/15/2023		
4	7	103000063		FMP	Caldwell County	CR 170 Low Water Crossing Improvements @ Lytton Creek	New FMP	Yes	5/15/2023		
4	8	103000064		FMP	Caldwell County	CR 172 Low Water Crossing Improvements @ Lytton Creek	New FMP	Yes	5/15/2023		
4	9	103000068		FMP	Pflugerville (Municipality)	Immanuel Road/Pecan Park at Upper Gilleland Creek (DMP GC-05)	New FMP	Yes	5/15/2023		
		<del>103000069</del>		NA	<del>Pflugerville (Municipality)</del>	<del>Weiss Lane Improvements at Willbarger Creek (DMP WC-01)</del>	<del>See FME 101000239 above</del>				
4	10	103000070		FMP	Wharton County	Peach Creek Channel Improvements	New FMP	Yes	5/15/2023		

# Flood Mitigation Project (FMP)

Title				ID#			
Sponsor (note if City or County)				Commitment	Yes	No	
Technical committee recommend	Yes	No	RFPG recommend	Yes	No		

## Project Type

### STRUCTURAL

Detention    
  Channel modification    
  Bridge/culvert    
  Storm drain    
  Levee/floodwall

Other

### NON-STRUCTURAL

Property buyouts    
  Floodproofing    
  Flood readiness/resilience    
  Flood warning system/gauges

Other

## Problem Area

City \_\_\_\_\_ County \_\_\_\_\_

Watershed name(s) \_\_\_\_\_

Tributary(ies) \_\_\_\_\_

HUC#(s) \_\_\_\_\_ Stream miles (est.) \_\_\_\_\_

Drainage area: square miles, est \_\_\_\_\_ or acreage, est \_\_\_\_\_

Social Vulnerability Index (SVI)  
*(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)*

Other \_\_\_\_\_



## Flood Risk Description

Proposed level-of-service \_\_\_\_\_ Status \_\_\_\_\_ Atlas 14 rainfall used \_\_\_\_\_

## Project Description

## Related Goal(s)

## Estimated Project Cost

Capital cost \_\_\_\_\_ Ongoing O&M costs \_\_\_\_\_ Cost/benefit analysis \_\_\_\_\_  
 Potential funding source(s) \_\_\_\_\_

# Flood Mitigation Project (FMP)

Title				ID#			
Sponsor (note if City or County)				Commitment	Yes	No	
Technical committee recommend	Yes	No	RFPG recommend	Yes	No		

## Project Type

### STRUCTURAL

Detention    Channel modification    Bridge/culvert    Storm drain    Levee/floodwall

Other

### NON-STRUCTURAL

Property buyouts    Floodproofing    Flood readiness/resilience    Flood warning system/gauges

Other

## Problem Area

City \_\_\_\_\_ County \_\_\_\_\_

Watershed name(s) \_\_\_\_\_

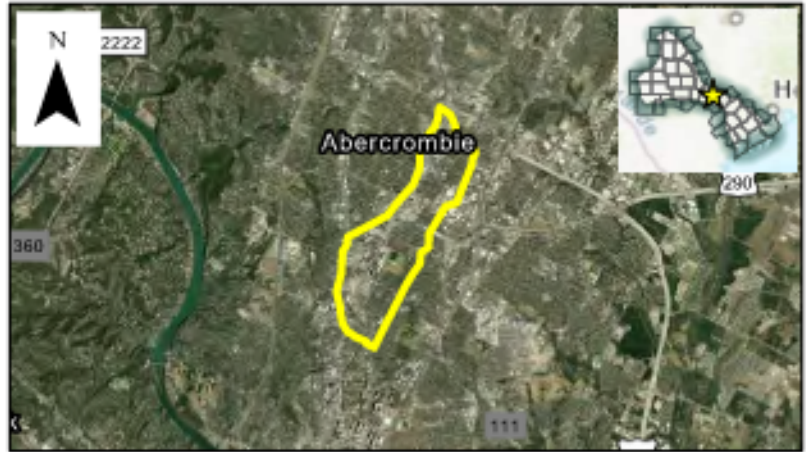
Tributary(ies) \_\_\_\_\_

HUC#(s) \_\_\_\_\_ Stream miles (est.) \_\_\_\_\_

Drainage area: square miles, est \_\_\_\_\_ or acreage, est \_\_\_\_\_

Social Vulnerability Index (SVI)  
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Other \_\_\_\_\_



## Flood Risk Description

Proposed level-of-service \_\_\_\_\_ Status \_\_\_\_\_ Atlas 14 rainfall used

## Project Description

## Related Goal(s)

## Estimated Project Cost

Capital cost \_\_\_\_\_ Ongoing O&M costs \_\_\_\_\_ Cost/benefit analysis \_\_\_\_\_

Potential funding source(s) \_\_\_\_\_

# Flood Mitigation Project (FMP)

Title  ID#   
Sponsor (note if City or County)  Commitment  Yes  No  
Technical committee recommend  Yes  No RFPG recommend  Yes  No

**REGION 10**

## Project Type

### STRUCTURAL

Detention  Channel modification  Bridge/culvert  Storm drain  Levee/floodwall

Other

### NON-STRUCTURAL

Property buyouts  Floodproofing  Flood readiness/resilience  Flood warning system/gauges

Other

## Problem Area

City  County   
Watershed name(s)   
Tributary(ies)   
HUC#(s)  Stream miles (est.)   
Drainage area: square miles, est  or acreage, est   
Social Vulnerability Index (SVI)   
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Other



## Flood Risk Description

Hunters Crossing becomes flooded by Spring Branch during the 4% ACE storm event and overflows into Hunters Crossing Park.

Proposed level-of-service  Status  Atlas 14 rainfall used

## Project Description

Proposed improvements include a redesigned outlet weir structure for the existing detention pond, a new 170 foot long 0.5 ft tall berm bordering Hunters Crossing Park, and 120 feet of existing berm improvements along Hunters Crossing. The proposed improvements alleviate flooding in the park and provide 100-year level of service for Hunters Crossing.

## Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways.

## Estimated Project Cost

Capital cost  Ongoing O&M costs  Cost/benefit analysis   
Potential funding source(s)

# Flood Mitigation Project (FMP)

Title  ID#   
Sponsor (note if City or County)  Commitment  Yes  No  
Technical committee recommend  Yes  No RFPG recommend  Yes  No

## Project Type

### STRUCTURAL

Detention  Channel modification  Bridge/culvert  Storm drain  Levee/floodwall

Other

### NON-STRUCTURAL

Property buyouts  Floodproofing  Flood readiness/resilience  Flood warning system/gauges

Other

## Problem Area

City  County   
Watershed name(s)   
Tributary(ies)   
HUC#(s)  Stream miles (est.)   
Drainage area: square miles, est  or acreage, est   
Social Vulnerability Index (SVI)   
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Other



## Flood Risk Description

State Highway 95 (SH-95) becomes flooded by Gills Branch during the 10% ACE storm event. The proposed improvements prevent SH-95 from overtopping during the 4% ACE storm event and reduces, but does not eliminate, overtopping during the 1% ACE storm event. If the project is implemented along with the FMP Gills Branch Flood Mitigation Improvements, the proposed improvements provide a 1% ACE level of service.

Proposed level-of-service  Status  Atlas 14 rainfall used

## Project Description

The proposed improvements include the addition of two (2) 8' x 8' culverts to improve conveyance along with the existing three (3) 8' x 8' culverts.

## Related Goal(s)

6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways.

## Estimated Project Cost

Capital cost  Ongoing O&M costs  Cost/benefit analysis   
Potential funding source(s)

# Flood Mitigation Project (FMP)

Title	ID#		Commitment		Yes	No
Sponsor (note if City or County)						
Technical committee recommend	Yes	No	RFPG recommend	Yes	No	

## Project Type

### STRUCTURAL

Detention    Channel modification    Bridge/culvert    Storm drain    Levee/floodwall

Other

### NON-STRUCTURAL

Property buyouts    Floodproofing    Flood readiness/resilience    Flood warning system/gauges

Other

## Problem Area

City \_\_\_\_\_ County \_\_\_\_\_

Watershed name(s) \_\_\_\_\_

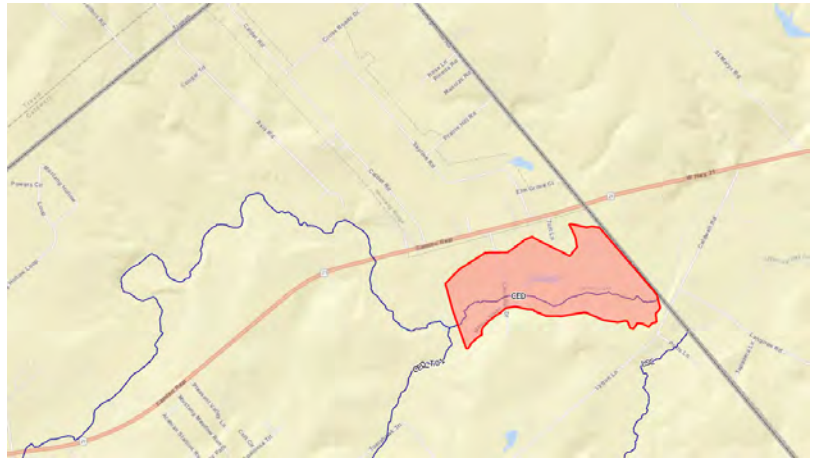
Tributary(ies) \_\_\_\_\_

HUC#(s) \_\_\_\_\_ Stream miles (est.) \_\_\_\_\_

Drainage area: square miles, est \_\_\_\_\_ or acreage, est \_\_\_\_\_

Social Vulnerability Index (SVI)  
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Other \_\_\_\_\_



## Flood Risk Description

Proposed level-of-service \_\_\_\_\_ Status \_\_\_\_\_ Atlas 14 rainfall used \_\_\_\_\_

## Project Description

## Related Goal(s)

## Estimated Project Cost

Capital cost \_\_\_\_\_ Ongoing O&M costs \_\_\_\_\_ Cost/benefit analysis \_\_\_\_\_

Potential funding source(s) \_\_\_\_\_



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Other

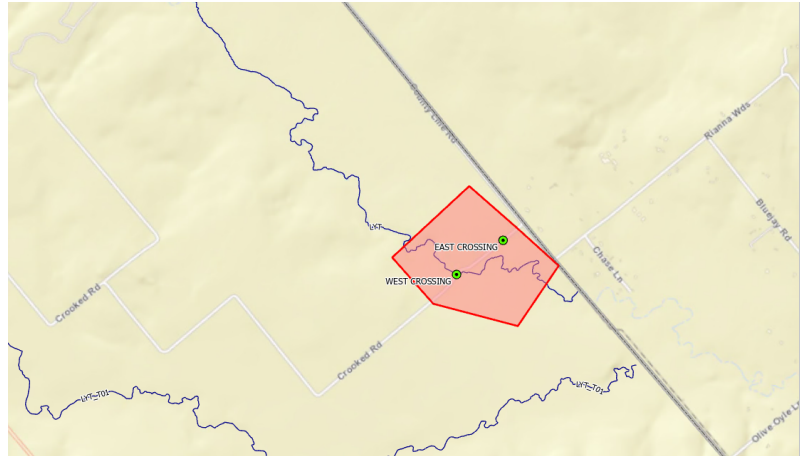
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Property buyouts    
  Floodproofing    
  Flood readiness/resilience    
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## Problem Area

City \_\_\_\_\_ County \_\_\_\_\_  
 Watershed name(s) \_\_\_\_\_  
 Tributary(ies) \_\_\_\_\_  
 HUC#(s) \_\_\_\_\_ Stream miles (est.) \_\_\_\_\_  
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## Flood Risk Description

Proposed level-of-service \_\_\_\_\_ Status \_\_\_\_\_ Atlas 14 rainfall used \_\_\_\_\_

## Project Description

## Related Goal(s)

## Estimated Project Cost

Capital cost \_\_\_\_\_ Ongoing O&M costs \_\_\_\_\_ Cost/benefit analysis \_\_\_\_\_  
 Potential funding source(s) \_\_\_\_\_

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Other

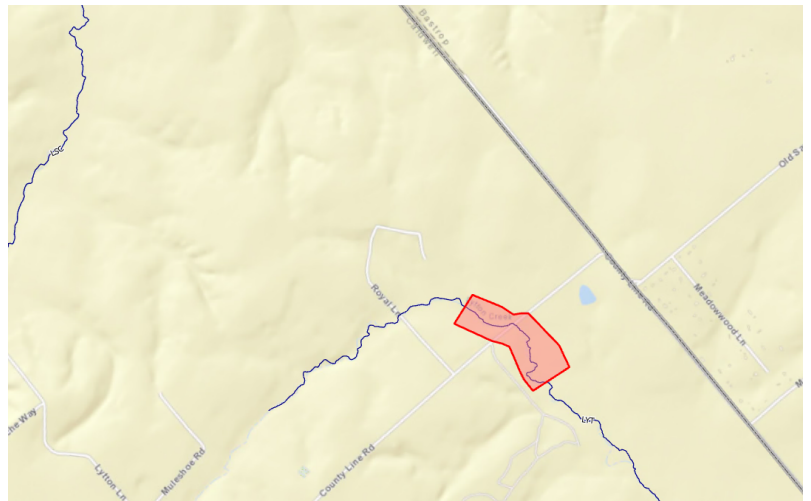
### NON-STRUCTURAL

Property buyouts    
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## Problem Area

City \_\_\_\_\_ County \_\_\_\_\_  
 Watershed name(s) \_\_\_\_\_  
 Tributary(ies) \_\_\_\_\_  
 HUC#(s) \_\_\_\_\_ Stream miles (est.) \_\_\_\_\_  
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## Flood Risk Description

Proposed level-of-service \_\_\_\_\_ Status \_\_\_\_\_ Atlas 14 rainfall used \_\_\_\_\_

## Project Description

## Related Goal(s)

## Estimated Project Cost

Capital cost \_\_\_\_\_ Ongoing O&M costs \_\_\_\_\_ Cost/benefit analysis \_\_\_\_\_  
 Potential funding source(s) \_\_\_\_\_



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## Flood Risk Description

Multiple streets and residential areas experience flooding from Gilleland Creek. The level of service for Immanuel Road is less than a 5-year storm event. The 100-year floodplain downstream of Immanuel Road extends into the neighborhood south of Gilleland Creek, inundating approximately 20 homes. The 100-year floodplain also floods East Pecan Street to the north of Gilleland Creek making the road impassible for motorists.

Proposed level-of-service  Status  Atlas 14 rainfall used

## Project Description

Proposed improvements include 2,200 ft of channel improvements and a 515 ft embankment to protect East Pecan Street from flooding. The proposed improvements allow Immanuel Road to pass the 10-year storm event, reduces flood risk for approximately 20 homes and relieves flooding on the East Pecan Street.

## Related Goal(s)

6.1 Reduce the number of structures and critical facilities that are at high risk through the implementation of structural flood mitigation projects. 6.2 Increase the number of entities that mitigate flood risk at vulnerable roadways or waterways.

## Estimated Project Cost

Capital cost  Ongoing O&M costs  Cost/benefit analysis   
Potential funding source(s)

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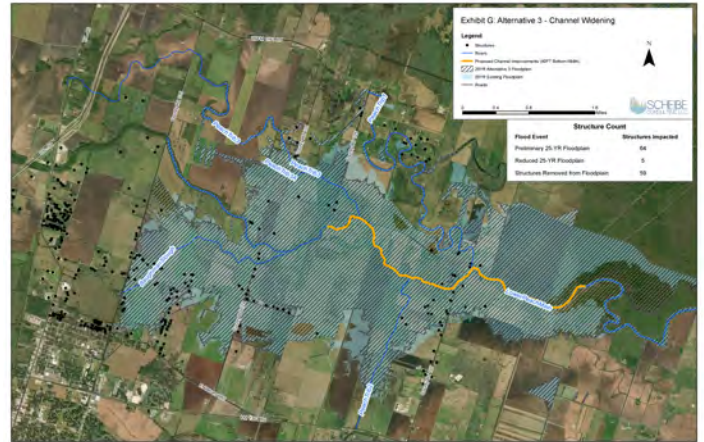
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Property buyouts    
  Floodproofing    
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## Problem Area

City \_\_\_\_\_ County \_\_\_\_\_  
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 Other \_\_\_\_\_



## Flood Risk Description

Proposed level-of-service \_\_\_\_\_ Status \_\_\_\_\_ Atlas 14 rainfall used

## Project Description

## Related Goal(s)

## Estimated Project Cost

Capital cost \_\_\_\_\_ Ongoing O&M costs \_\_\_\_\_ Cost/benefit analysis \_\_\_\_\_  
 Potential funding source(s) \_\_\_\_\_