**FME Batch 2A** **9-Jun-22**

| | Action Number | Action Name | County | Page Number | TC Rec | Tech Committee Rec | RFPG Rec | RFPG Rec |
|---|---|---|---|---|---|---|---|---|
| | | | | 0 | (Y/N) | Date | (Y/N) | Date |
| Batch 2A-1 | 101000001 | Drainage System Improvements | Bastrop | 1 | Yes | 5/25/2022 | | |
| | 101000004 | Gotier Trace Low Water Crossings | Bastrop | 2 | Yes | 5/25/2022 | | |
| | 101000005 | Lakeview Drive & Tuck Street | Bastrop | 3 | Yes | 5/25/2022 | | |
| | 101000008 | Clear Springs Lake Dam | Bastrop | 4 | Yes | 5/25/2022 | | |
| | 101000023 | Gills Branch | Bastrop | 5 | Yes | 5/25/2022 | | |
| | 101000027 | FM 812 at Little Alum Creek | Bastrop | 6 | Yes | 5/25/2022 | | |
| | 101000028 | FM 812 at Alum Creek South | Bastrop | 7 | Yes | 5/25/2022 | | |
| | 101000102 | Piney Creek Benching | Bastrop | 8 | Yes | 5/25/2022 | | |
| | 101000103 | Design System Improvements - JC Madison Addition | Bastrop | 9 | Yes | 5/25/2022 | | |
| | 101000104 | Citywide Drainage System Improvements | Bastrop | 10 | Yes | 5/25/2022 | | |
| | 101000125 | Alum Creek - Tributary 8, Bowie Drive | Bastrop | 11 | Yes | 5/25/2022 | | |
| | 101000108 | Develop New/Updated Floodplain Maps | Blanco | 12 | Yes | 5/25/2022 | | |
| Batch 2A-2 | 101000113 | Burnet County Flood Early Warning System | Burnet | 13 | Yes | 5/25/2022 | | |
| | 101000109 | CR 332 Drainage Improvements | Brazoria | 14 | Yes | 5/25/2022 | | |
| | 101000110 | Various Culverts Along Stevenson Slough | Brazoria | 15 | Yes | 5/25/2022 | | |
| | 101000136 | Highway 36 | Brazoria | 16 | Yes | 5/25/2022 | | |
| | 101000121 | Various Streets - Install Flood Early Warning Systems | Fort Bend | 17 | Yes | 5/25/2022 | | |
| | 101000029 | Magnolia St | Brown | 18 | Yes | 5/25/2022 | | |
| | 101000111 | Adopt Flood Insurance Rate Maps | Brown | 19 | Yes | 5/25/2022 | | |
| | 101000137 | CR257 at Pecan Bayou (Tenmile Crossing) | Brown | 20 | Yes | 5/25/2022 | | |
| | 101000160 | Delaware Creek Flood Study | Brown | 21 | Yes | 5/25/2022 | | |
| | 101000032 | Mission Hills Street | Burnet | 22 | Yes | 5/25/2022 | | |
| | 101000114 | Shade Grove Flood Study | Burnet | 23 | Yes | 5/25/2022 | | |
| | 101000116 | Whitman Branch Bypass; Oak Ridge Drive Creek | Burnet | 24 | Yes | 5/25/2022 | | |
| Batch 2A-3 | 101000159 | Watewater Treatment Plant Flood Study | Burnet | 25 | Yes | 5/25/2022 | | |
| | 101000161 | VFW Flood Study | Burnet | 26 | Yes | 5/25/2022 | | |
| | 101000171 | Citywide Floodplain Remapping | Burnet | 27 | Yes | 5/25/2022 | | |
| | 101000034 | Lum Rd, Hilltop Rd, FM 2919 N | Fort Bend | 28 | Yes | 5/25/2022 | | |
| | 101000035 | Drainage Improvements to Crawford Outlet Right-of-Way | Fort Bend | 29 | Yes | 5/25/2022 | | |
| | 101000037 | Gene and Church Streets | Fort Bend | 30 | Yes | 5/25/2022 | | |
| | 101000038 | 800 Block W San Antonio | Gillespie | 31 | Yes | 5/25/2022 | | |
| | 101000039 | South End of Acorn Street | Gillespie | 32 | Yes | 5/25/2022 | | |
| | 101000042 | Bowie & Peach Street | Gillespie | 33 | Yes | 5/25/2022 | | |
| | 101000044 | 112 W Park | Gillespie | 34 | Yes | 5/25/2022 | | |

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca
REGIONAL FLOOD PLANNING GROUP
REGION 10

Title: Wastewater Treatment Plant Flood Study | ID#: 101000159

Sponsor (name of entity): Burnet (Municipality) | Commitment: [X] Yes [ ] No

Technical committee recommend: [X] Yes [ ] No | RFPG recommend: [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [ ] Floodplain modeling, mapping and risk assessment [X] Feasibility study [ ] Preliminary project engineering

[ ] Other

## Problem Area

City: Burnet | County: Burnet

Watershed name(s): Headwaters Hamilton Creek

Tributary(ies): Hamilton Creek

HUC#: 12090205 | Stream miles (est.): TBD

Drainage area: square miles, est: 0.06 | or acreage, est.: 37

Social vulnerability index: 0.19

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

Other: Watershed Study


## Flood Risk Description

The plant is located within, and may be impacted by, the 100-year floodplain of Hamilton Creek and/or Headwaters of Hamilton Creek. The area has existing local drainage problems and has experienced excessive flow depth and velocity. 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: 3 | Structures at risk: 3 | Critical facilities at risk: 1

Farm/Ranch land impacted (acres): 12 | Roadway(s) impacted (miles): 0.15

## 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). 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
REGION 10

Title VFW Flood Study ID# 101000161

Sponsor (name of entity) Burnet (Municipality) Commitment X Yes No

Technical committee recommend X Yes No RFPG recommend Yes No

## Study Type

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

Other

## Problem Area

City Burnet County Burnet

Watershed name(s) Headwaters Hamilton Creek

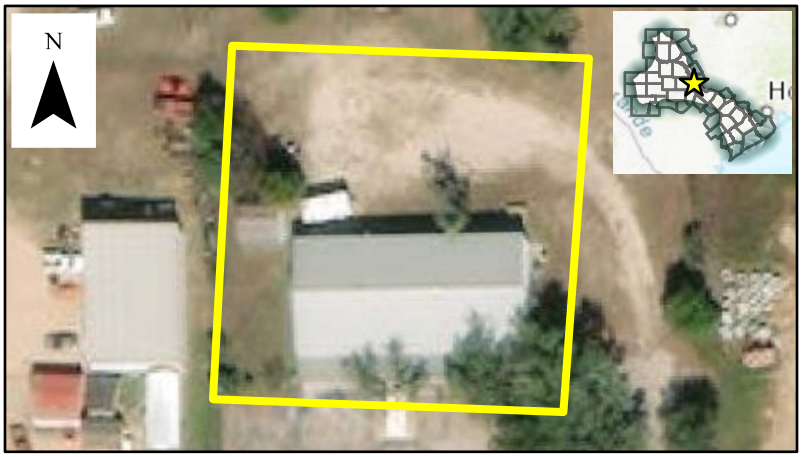
Tributary(ies) Unnamed Tributary

HUC# 12090205 Stream miles (est.) TBD

Drainage area: square miles, est 0.00 or acreage, est. 1

Social vulnerability index 0.19
*(SVI score 0.0 indicates least vulnerable; 1.0 indicates most vulnerable.)*

Other Watershed Study




## Flood Risk Description

The area has local drainage problems and is at risk of flooding. The building is located adjacent to the 100-year floodplain and has experienced 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 0 Structures at risk 1 Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0 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

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

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca REGIONAL FLOOD PLANNING GROUP
REGION 10

Title: Citywide Floodplain Remapping | ID#: 101000171

Sponsor (name of entity): Marble Falls (Municipality) | Commitment: [X] Yes [ ] No

Technical committee recommend: [X] Yes [ ] No | RFPG recommend: [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [X] Floodplain modeling, mapping and risk assessment [ ] Feasibility study [ ] Preliminary project engineering

[ ] Other

## Problem Area

City: Marble Falls | County: Burnet

Watershed name(s): Lake Marble Falls, Flatrock Creek - Lake Travis

Tributary(ies): Little Flatrock Creek, Flatrock Creek

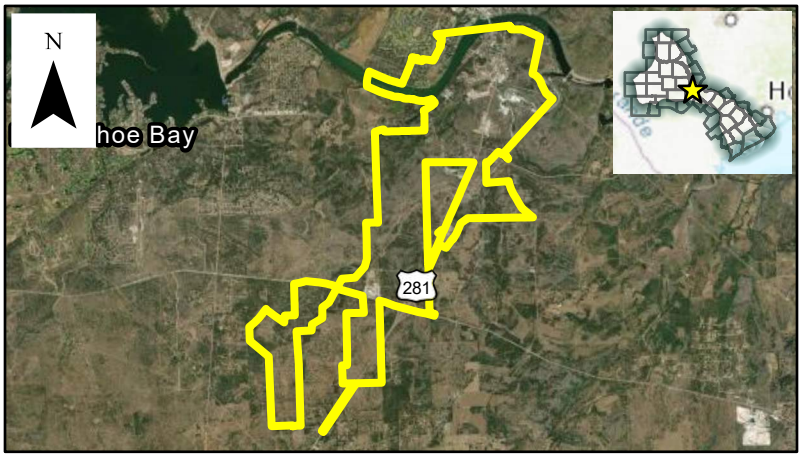
HUC#: 12090205 | Stream miles (est.): TBD

Drainage area: square miles, est: 7.13 | or acreage, est.: 4,565

Social vulnerability index: 0.19

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

Other: Watershed Study




## Flood Risk Description

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

Population at risk: 322 | Structures at risk: 158 | Critical facilities at risk: 0

Farm/Ranch land impacted (acres): 329 | Roadway(s) impacted (miles): 2.29

## Scope of Study

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 | Potential funding source(s): TBD

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca
REGIONAL FLOOD PLANNING GROUP
REGION 10

Title: Lum Rd, Hilltop Rd, FM 2919 N | ID#: 101000034

Sponsor (name of entity): Kendleton (Municipality) | Commitment: [X] Yes [ ] No

Technical committee recommend: [X] Yes [ ] No | RFPG recommend: [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [ ] Floodplain modeling, mapping and risk assessment [X] Feasibility study [ ] Preliminary project engineering

[ ] Other

## Problem Area

City: Kendleton | County: Fort Bend

Watershed name(s): Boone Branch - San Bernard River

Tributary(ies): Brooks Branch

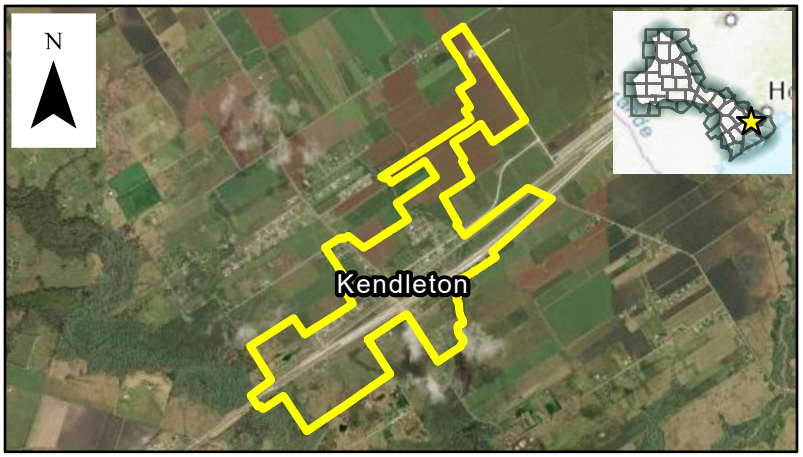
HUC#: 12090401 | Stream miles (est.): TBD

Drainage area: square miles, est: 1.41 | or acreage, est.: 905

Social vulnerability index: 0.1

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

Other: Roadway/Crossing Improvements




## Flood Risk Description

The existing crossings are undersized and overtop. The proposed improvements include upsizing the existing crossings. 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 risk and assess potential future projects.

Population at risk: 0 | Structures at risk: 0 | Critical facilities at risk: 0

Farm/Ranch land impacted (acres): 0 | Roadway(s) impacted (miles): 0.85

## 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
REGION 10

Title: Drainage Improvements to Crawford Outlet Right-of-Way | ID#: 101000035

Sponsor (name of entity): Kendleton (Municipality) | Commitment: [X] Yes [ ] No

Technical committee recommend: [X] Yes [ ] No | RFPG recommend: [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [ ] Floodplain modeling, mapping and risk assessment [X] Feasibility study [ ] Preliminary project engineering

[ ] Other

## Problem Area

City: Kendleton | County: Fort Bend

Watershed name(s): Boone Branch - San Bernard River

Tributary(ies): Brooks Branch

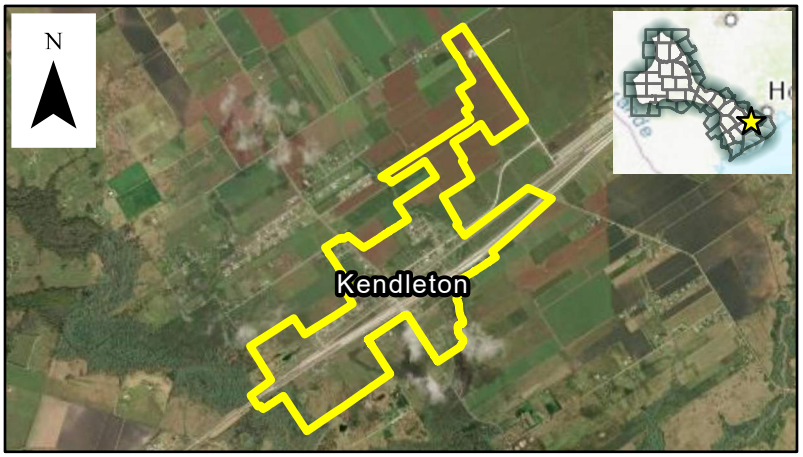
HUC#: 12090401 | Stream miles (est.): TBD

Drainage area: square miles, est: 1.41 | or acreage, est.: 905

Social vulnerability index: 0.1

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

Other: Drainage System Improvements




## Flood Risk Description

The Sponsor has indicated the existing outlet/right-of-way stormwater infrastructure is undersized and the area is at risk of localized 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: 12 | Structures at risk: 11 | Critical facilities at risk: 0

Farm/Ranch land impacted (acres): 69 | Roadway(s) impacted (miles): 0.85

## 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

Cost: $50,000 | Potential funding source(s): TBD

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca
REGIONAL FLOOD PLANNING GROUP
REGION 10

Title: Gene and Church Streets | ID#: 101000037

Sponsor (name of entity): Needville (Municipality) | Commitment: [X] Yes [ ] No

Technical committee recommend: [X] Yes [ ] No | RFPG recommend: [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [ ] Floodplain modeling, mapping and risk assessment [ ] Feasibility study [X] Preliminary project engineering

[ ] Other

## Problem Area

City: Needville | County: Fort Bend

Watershed name(s): Cedar Creek

Tributary(ies): Unnamed Tributary

HUC#: 12090401,12070104 | Stream miles (est.): TBD

Drainage area: square miles, est: 0.16 | or acreage, est.: 104

Social vulnerability index: 0.1

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

Other: Roadway/Crossing Improvements


## Flood Risk Description

The existing crossing is undersized and overtops. The proposed improvements include installation of culverts. The existing road is a 2-lane road with an average daily traffic count of 321. 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): 0.10

## Scope of Study

Conduct a study to evaluate the proposed culvert 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: $50,000 | Potential funding source(s): TBD

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca
REGIONAL FLOOD PLANNING GROUP
REGION 10

Title 800 Block W San Antonio ID# 101000038

Sponsor (name of entity) Fredericksburg (Municipality) Commitment X Yes No

Technical committee recommend X Yes No RFPG recommend Yes No

## Study Type

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

Other

## Problem Area

City Fredericksburg County Gillespie

Watershed name(s) Barons Creek

Tributary(ies) Unnamed Tributary

HUC# 12090206 Stream miles (est.) TBD

Drainage area: square miles, est 0.00 or acreage, est. 1

Social vulnerability index 0.1

*(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. The existing crossing is a multi-box (2) crossing. The proposed improvements include channels and drop structures. The existing road is a 2-lane road with an average daily traffic count of 510. 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) 0.15

## Scope of Study

Conduct a study to evaluate upsizing the existing culvert 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 $50,000 Potential funding source(s) TBD

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca
REGIONAL FLOOD PLANNING GROUP
REGION 10

Title: South End of Acorn Street | ID#: 101000039

Sponsor (name of entity): Fredericksburg (Municipality) | Commitment: [X] Yes [ ] No

Technical committee recommend: [X] Yes [ ] No | RFPG recommend: [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [ ] Floodplain modeling, mapping and risk assessment [X] Feasibility study [ ] Preliminary project engineering

[ ] Other

## Problem Area

City: Fredericksburg | County: Gillespie

Watershed name(s): Barons Creek

Tributary(ies): Barons Creek

HUC#: 12090206 | Stream miles (est.): 0.10

Drainage area: square miles, est: 0.00 | or acreage, est.: 2

Social vulnerability index: 0.1

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

Other: Channel Improvements


## Flood Risk Description

There is a lack of conveyance from Acorn Street to Barons Creek. Stormwater runs off public right-of-way through private property and is creating local flooding issues as well as eroding the left bank of the Creek. The existing risk indicators are based on available data and will be better defined as part of the study. Study results would 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: 1 | Critical facilities at risk: 0

Farm/Ranch land impacted (acres): 0 | Roadway(s) impacted (miles): 0.10

## 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.

## Estimated Study Cost

Cost: $50,000 | Potential funding source(s): TBD

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca
REGIONAL FLOOD PLANNING GROUP
REGION 10

Title: Bowie & Peach Street | ID#: 101000042

Sponsor (name of entity): Fredericksburg (Municipality) | Commitment: [X] Yes [ ] No

Technical committee recommend: [X] Yes [ ] No | RFPG recommend: [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [ ] Floodplain modeling, mapping and risk assessment [ ] Feasibility study [X] Preliminary project engineering

[ ] Other

## Problem Area

City: Fredericksburg | County: Gillespie

Watershed name(s): Barons Creek

Tributary(ies): Barons Creek

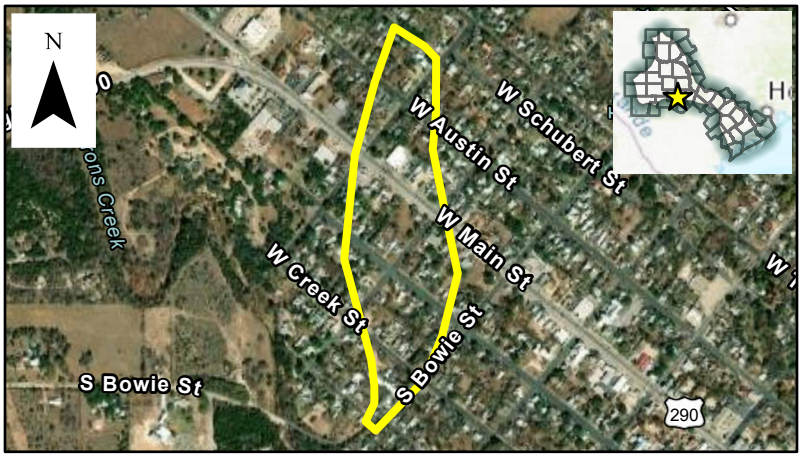
HUC#: 12090206 | Stream miles (est.): TBD

Drainage area: square miles, est: 0.06 | or acreage, est.: 36

Social vulnerability index: 0.1

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

Other: Drainage System Improvements




## Flood Risk Description

The storm sewer system and curb inlets need to be upgraded to include two 36" RCPs. 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: 250 | Structures at risk: 90 | Critical facilities at risk: 0

Farm/Ranch land impacted (acres): 0 | Roadway(s) impacted (miles): 1.08

## 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

Cost: $100,000 | Potential funding source(s): TBD

# Flood Management Evaluation (FME) STUDY

Lower Colorado-Lavaca
REGIONAL FLOOD PLANNING GROUP
REGION 10

Title 112 W Park ID# 101000044

Sponsor (name of entity) Fredericksburg (Municipality) Commitment [X] Yes [ ] No

Technical committee recommend [X] Yes [ ] No RFPG recommend [ ] Yes [ ] No

## Study Type

[ ] Emergency preparedness [ ] Floodplain modeling, mapping and risk assessment [ ] Feasibility study [X] Preliminary project engineering

[ ] Other

## Problem Area

City Fredericksburg County Gillespie

Watershed name(s) Barons Creek

Tributary(ies) Unnamed Tributary

HUC# 12090206 Stream miles (est.) 0.10

Drainage area: square miles, est 0.00 or acreage, est. 1

Social vulnerability index 0.1

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

Other Channel Improvements


## Flood Risk Description

There is a lack of conveyance from Park Street to Barons Creek. Stormwater runs off public right-of-way through private property and is creating local flooding issues as well as eroding the left bank of the Creek. 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 1 Critical facilities at risk 0

Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0.10

## 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.



## Estimated Study Cost

Cost $50,000 Potential funding source(s) TBD