Flood Management Evaluation (FME)

Title: Durant Street Storm Sewer and Pavement Improvements - Phase 1

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000001 Sponsor Entity ID: 00-01-0000003020

Sponsor name: Alvin (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $133,000

FME Description: Further study of Durant Street Phase 1 to reduce flood risk with upgrades to storm sewer system, concrete curb, gutter, pavement, and sidewalk.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

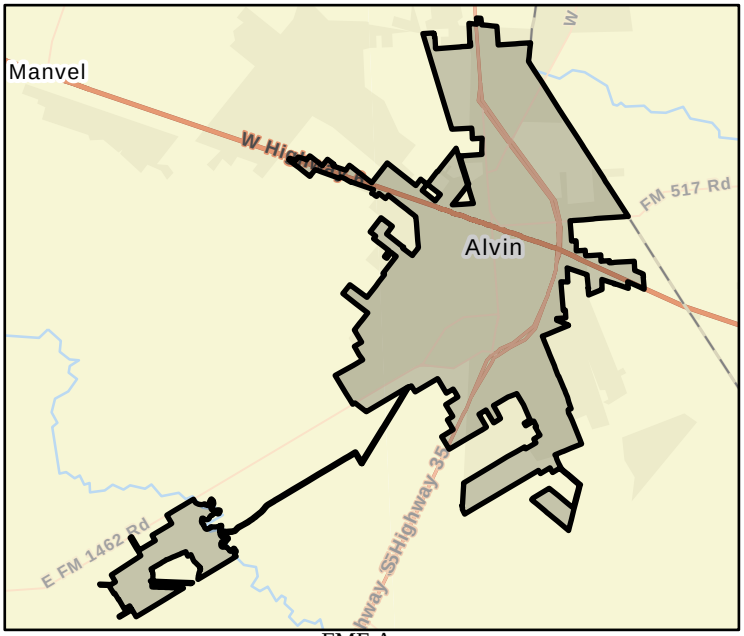
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 17.89 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,478	Structures at Risk	1,912	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,889.99	Impacted Roadway Miles	39.01
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,240



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Durant Street Storm Sewer and Pavement Improvements - Phase 2

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000002 Sponsor Entity ID: 00-01-0000003020

Sponsor name: Alvin (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $109,000

FME Description: Further study of Durant Street Phase 2 to reduce flood risk with upgrades to storm sewer system, concrete curb, gutter, pavement, and sidewalk.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

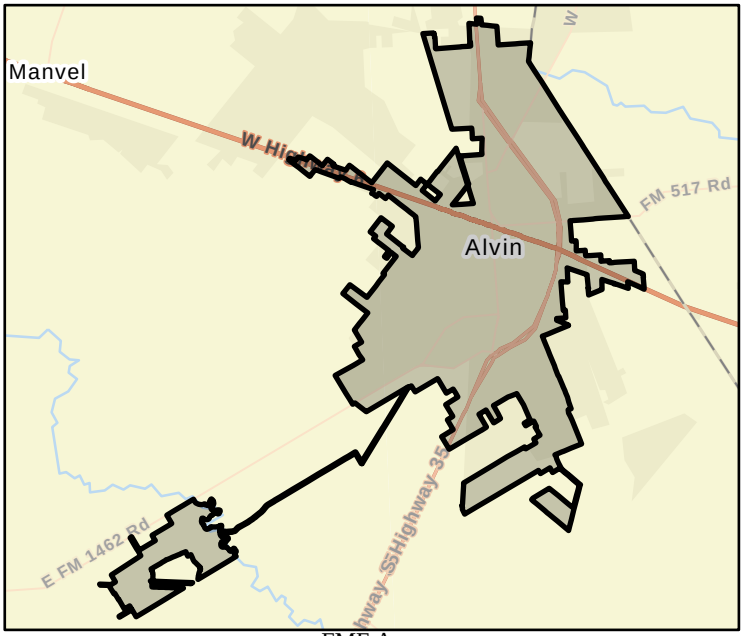
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 17.89 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,478	Structures at Risk	1,912	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,889.99	Impacted Roadway Miles	39.01
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,240



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Arcola Regional Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000003 Sponsor Entity ID: 00-01-0000002557

Sponsor name: Arcola (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $282,000

FME Description: Further study of proposed flood risk reduction project that includes various drainage improvement alternatives.

County: Fort Bend Existing/Anticipated Models? No New H&H Model? No

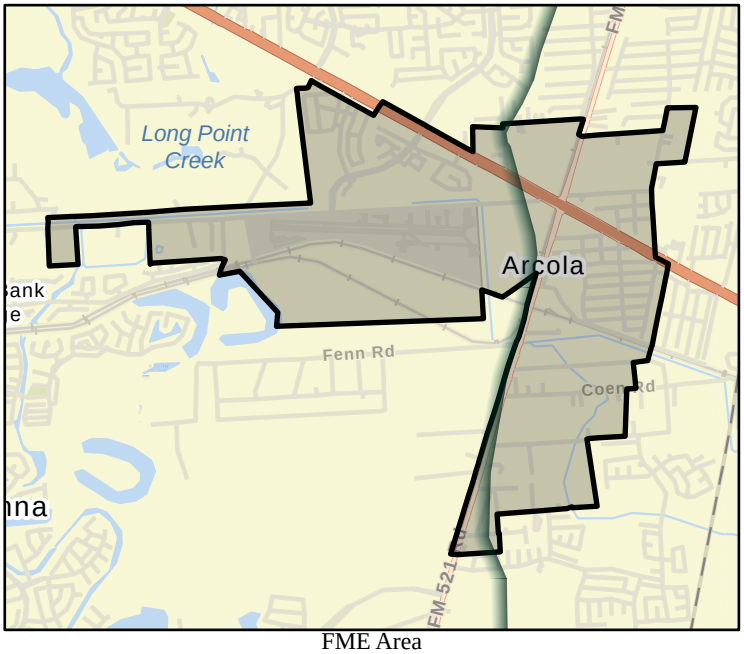
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.61 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	239	Structures at Risk	213	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	93.66	Impacted Roadway Miles	1
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	177



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title: Missouri City Estates Drainage Improvements

FME ID: 06-51-0000000005 Sponsor Entity ID: 00-01-0000003596

Sponsor name: Stafford (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $121,000

FME Description: Further study of proposed flood risk reduction project that includes drainage improvements to Missouri City Estates.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

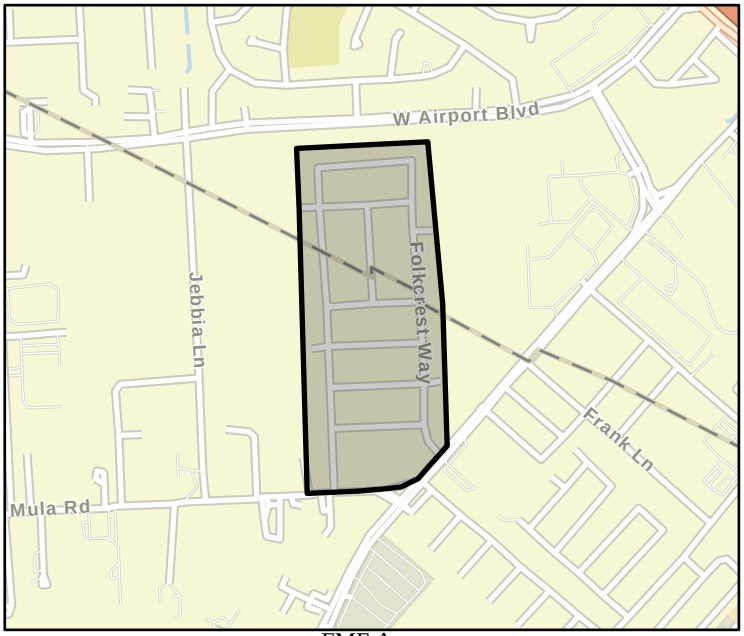
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.12 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	688	Structures at Risk	212	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2.87	Impacted Roadway Miles	1.74
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	206



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Galveston Master Drainage Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000011 Sponsor Entity ID: 06-01-0000002809

Sponsor name: Galveston (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,211,000

FME Description: City wide drainage and flood risk reduction planning study of Galveston to include Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? Yes New H&H Model? No

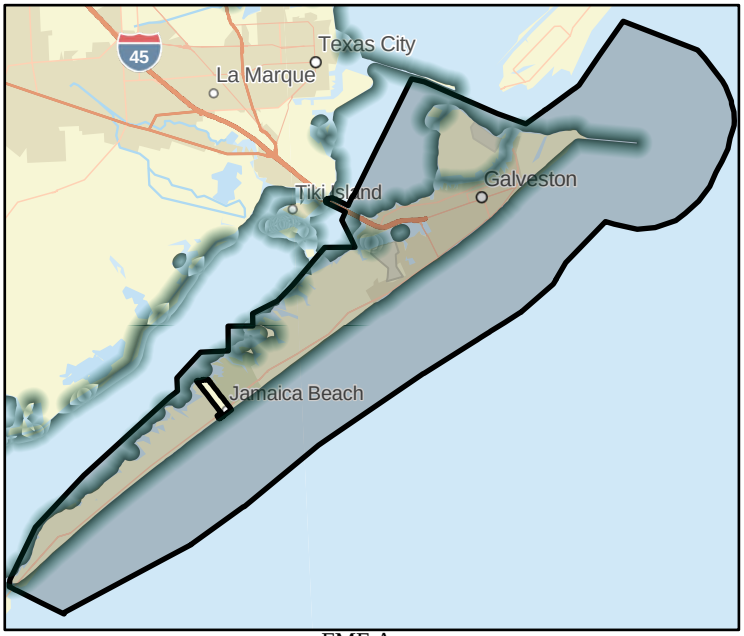
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 211.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? Yes Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	65,500	Structures at Risk	22,641	Critical Facilities at Risk	204
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,080.58	Impacted Roadway Miles	398.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	19,884



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bellaire Local Drainage System Asset Management

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000013 Sponsor Entity ID: 06-01-0000002854

Sponsor name: Bellaire (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $5,535,000

FME Description: Study to develop asset management plan/capital improvement plan to perform a condition assessment and repair/replace local drainage infrastructure over time to ensure it is in good working order and meeting the level of service desired by the City.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

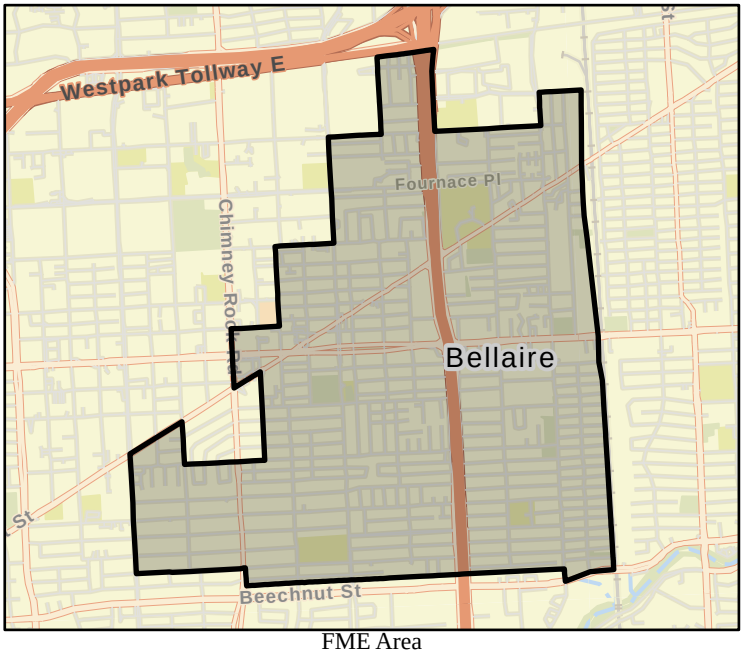
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.6 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	27,533	Structures at Risk	6,106	Critical Facilities at Risk	65
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	74.43
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	5,712



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bellaire Regional Detention Facilities Development

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000014 Sponsor Entity ID: 06-01-0000002854

Sponsor name: Bellaire (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,200,000

FME Description: Effort to identify and develop/design regional detention facilities to either provide flood risk reduction or to facilitate the construction of local or regional drainage improvement projects.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

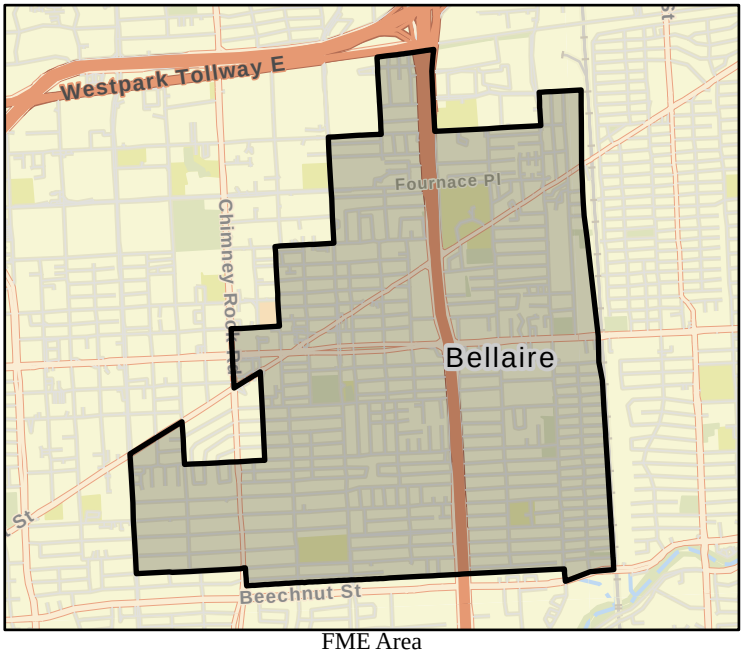
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.6 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	27,533	Structures at Risk	6,106	Critical Facilities at Risk	65
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	74.43
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	5,712



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bunker Hill Drainage Projects

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000016 Sponsor Entity ID: 06-01-0000002856

Sponsor name: Bunker Hill Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $121,000

FME Description: Further study of proposed localized and regional flood risk reduction projects within the City of Bunker Hill.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

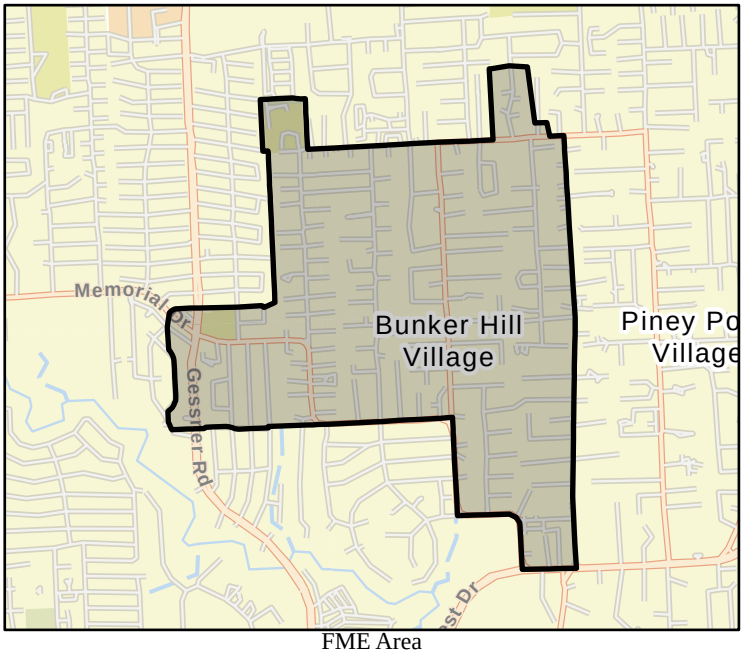
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.44 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,231	Structures at Risk	441	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	10.68
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	425



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bunker Hill Master Drainage and Stormwater Management Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000017 Sponsor Entity ID: 06-01-0000002856

Sponsor name: Bunker Hill Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $206,000

FME Description: Further study of Master Drainage and Stormwater Management Plan for the City of Bunker Hill to include Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

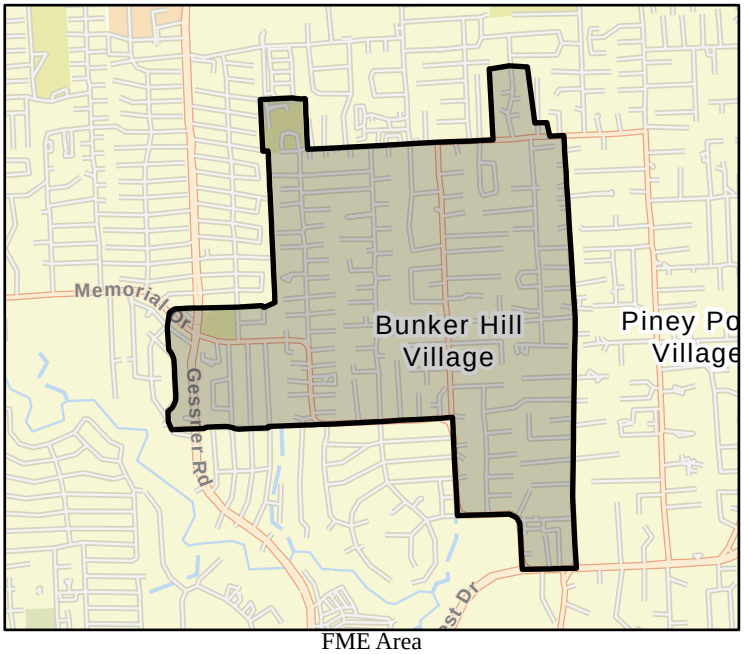
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.44 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,231	Structures at Risk	441	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	10.68
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	425



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Lower Clear Creek & Dickinson Bayou Flood Mitigation Plan - Dickinson Bayou Alternative 2

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000022 Sponsor Entity ID: 06-01-0000003147

Sponsor name: League City (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,320,000

FME Description: Further refine the DB Alt. 2 in the LCCDBFMP (2021), including alternative analysis to McFarland Detention Basin, W Cemetery Rd. Detention Basin, Hilton Detention Basin, Magnolia Bayou & Borden Gully Detention Basins, and Diversion Channel at Desel Dr..

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

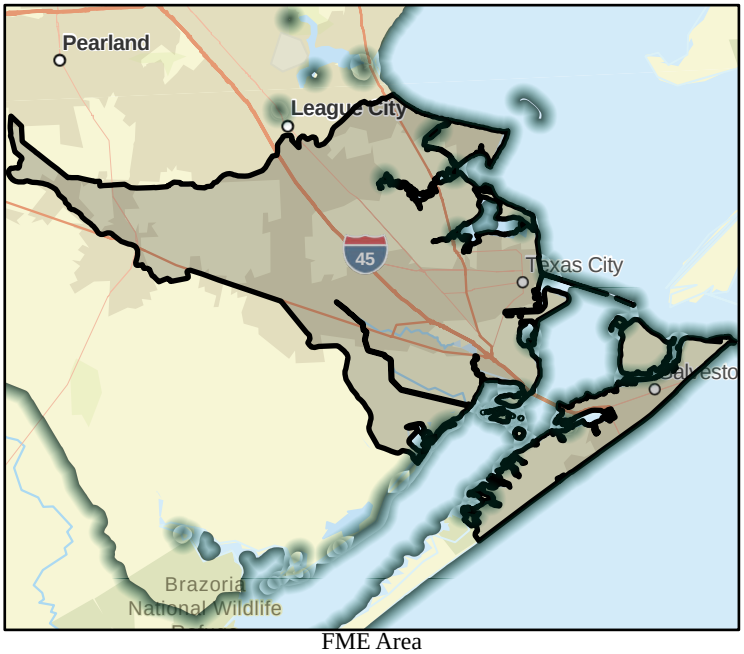
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 253.98 Assumptions/Relevant Context: N/A

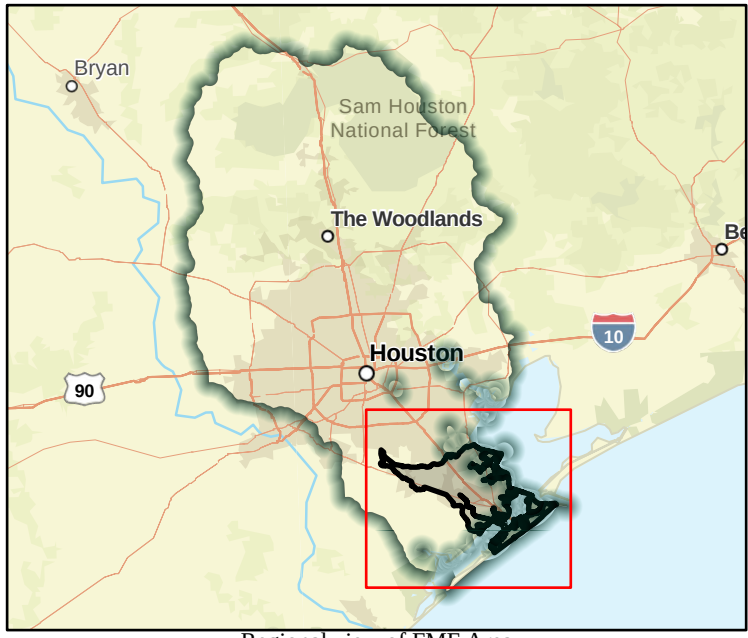
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	114,265	Structures at Risk	52,043	Critical Facilities at Risk	495
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	24,341.4	Impacted Roadway Miles	975.85
Low Water Crossings	51	Total Historical Road Closures	51	Residential at Risk	44,021



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Williamsburg Subdivision Drainage Assessment

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000024 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,526,000

FME Description: Further study of a flood risk reduction project in the Williamsburg Subdivision which includes additional detail for the design of a required weir structure.

County: Harris Existing/Anticipated Models? No New H&H Model? No

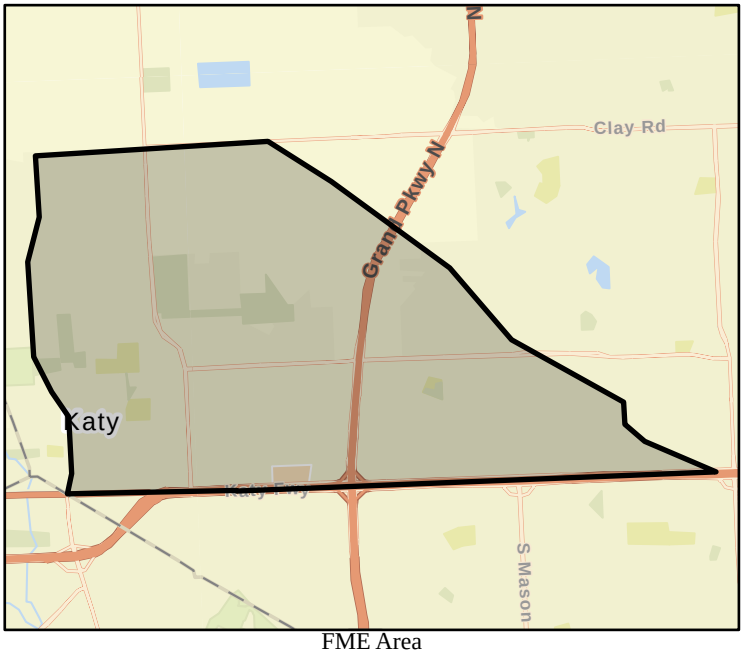
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 12.81 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	12,423	Structures at Risk	4,491	Critical Facilities at Risk	54
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	675.01	Impacted Roadway Miles	121.83
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	3,980



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title: Preliminary Drainage & Infrastructure Improvements Happy Hide A Way Subdivision

FME ID: 06-51-0000000025 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $133,000

FME Description: Additional analysis in the Jackson Bayou watershed, specifically along R102-00-00, is needed to determine the necessary improvements and provide a no impact solution.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

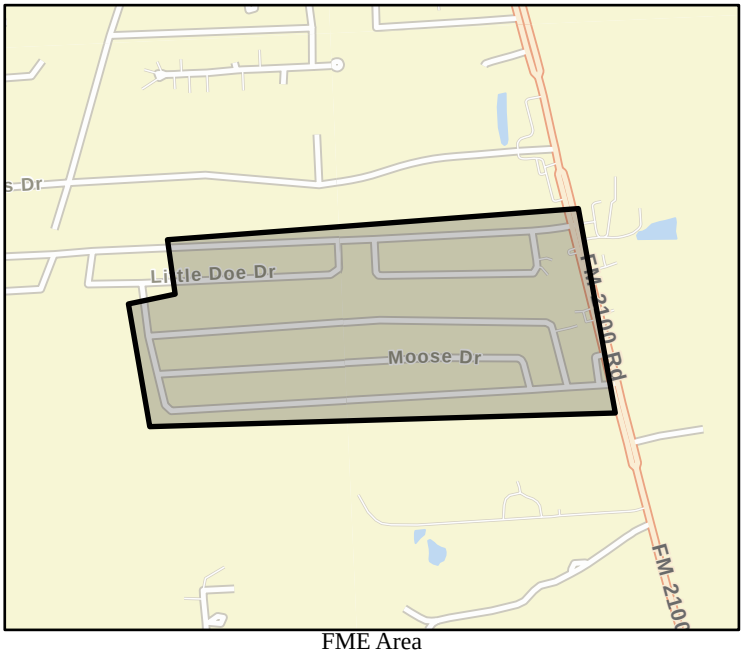
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.26 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	70	Structures at Risk	63	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.26	Impacted Roadway Miles	1.24
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	55



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Bridgewater Village & Enclave at Bridgewater Drainage Analysis

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000026 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $908,000

FME Description: Alternative analysis and assessment of additional protection of basin needed during design to control flows for 100-yr event.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

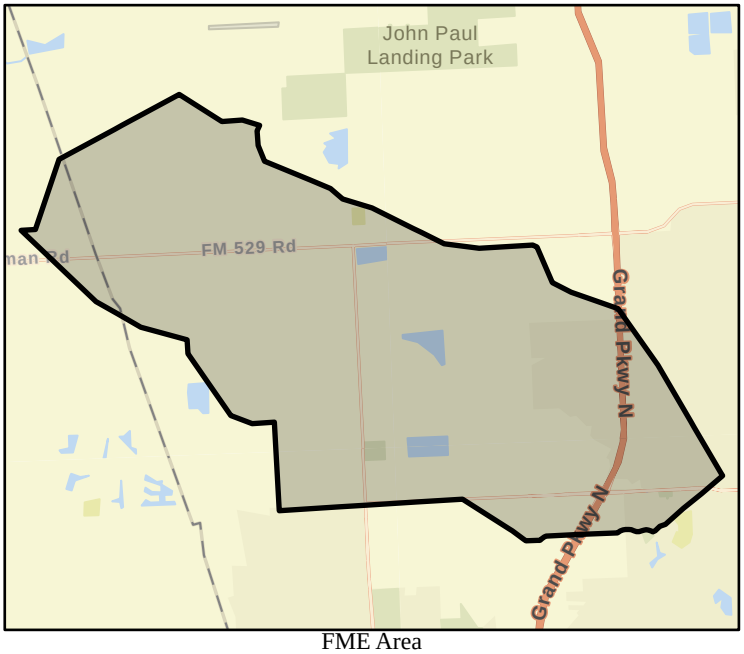
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 21.43 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,436	Structures at Risk	2,000	Critical Facilities at Risk	10
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	6,873.83	Impacted Roadway Miles	90.83
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	1,617



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Lake Shadows Subdivision Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000027 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $339,000

FME Description: Further study and development of a FMP of recommended alternative 5 which includes installing the Foley trunk line downstream of the pipelines, upsizing and installing new outfalls, and installing the Belle Cote trunk line.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

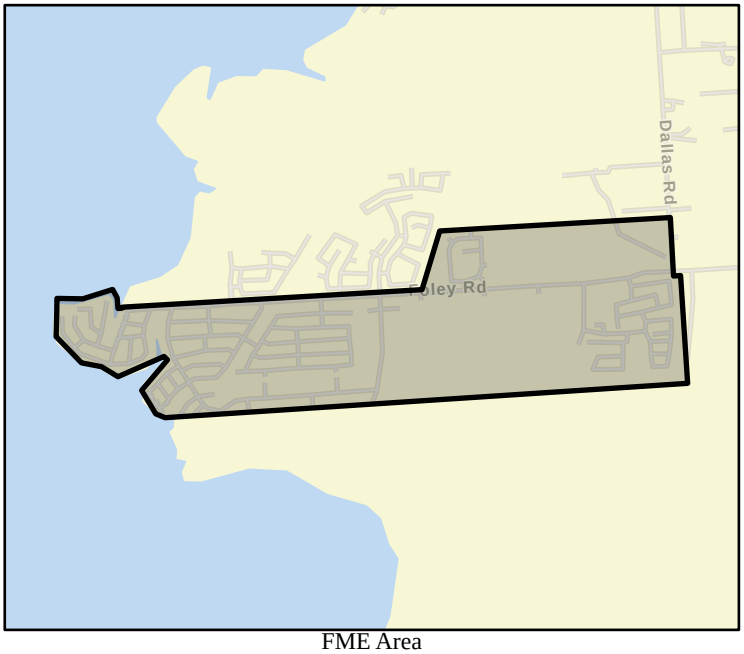
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.45 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	480	Structures at Risk	194	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	53.42	Impacted Roadway Miles	1.81
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	179



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title: Gum Gully Rd, W Stroker Rd, Wigwam Ln, and Related Infrastructure Drainage Improvements

FME ID: 06-51-0000000028 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $157,000

FME Description: Further study as report recommendation (2019) indicates that regional drainage improvements to the streams must be studied and implemented before Harris County can obtain a benefit from roadway drainage improvements.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

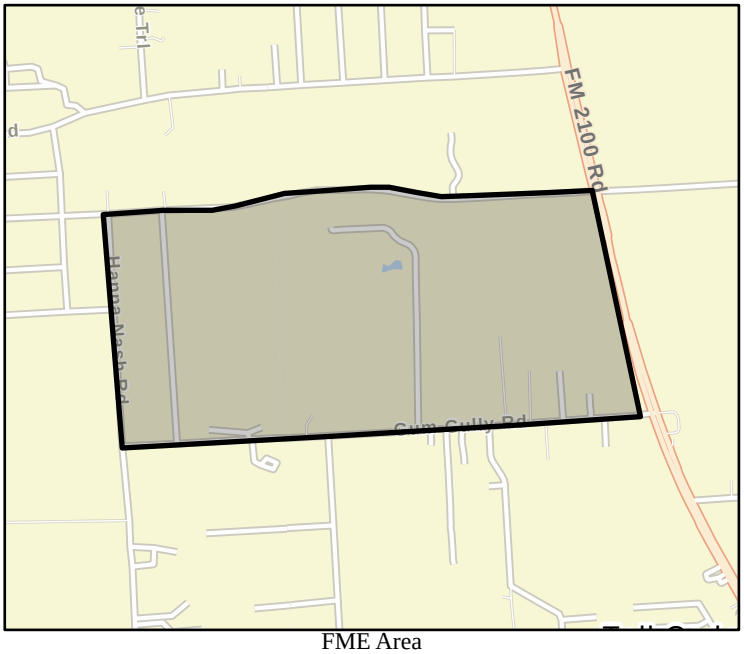
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.51 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	120	Structures at Risk	59	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	149.59	Impacted Roadway Miles	1.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	39



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spanish Cove Subdivision Drainage Assessment

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000029 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $182,000

FME Description: Additional analysis needed to confirm no negative effects. It is expected the larger channel can safely convey the increase in flows, but this must be demonstrated during the project design phase.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

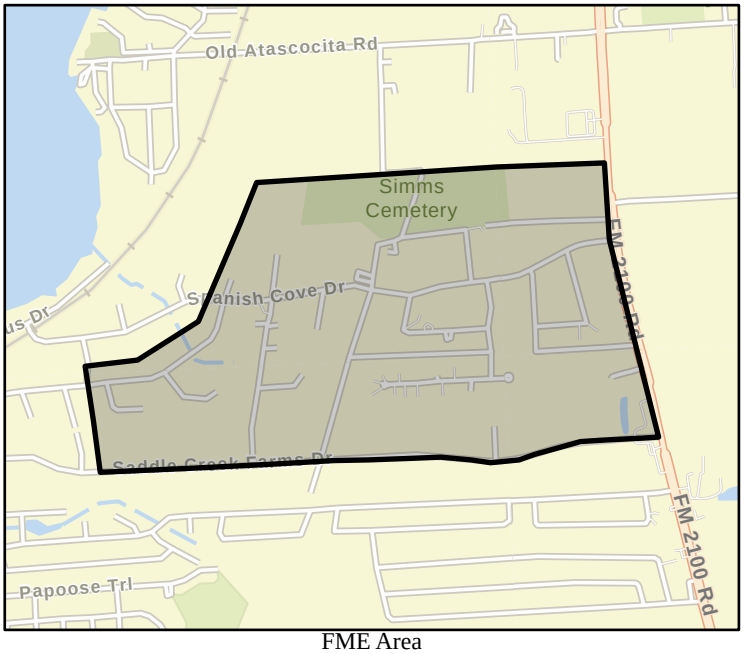
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.8 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	99	Structures at Risk	60	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	50.14	Impacted Roadway Miles	0.58
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	53



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Shoreacres Drainage Assessment

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000031 Sponsor Entity ID: 06-01-0000003544

Sponsor name: Shoreacres (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $121,000

FME Description: Further analysis necessary to determine downstream impacts and whether any additional volume in A104-11-00 would be available during a coincident event on Taylor Bayou.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

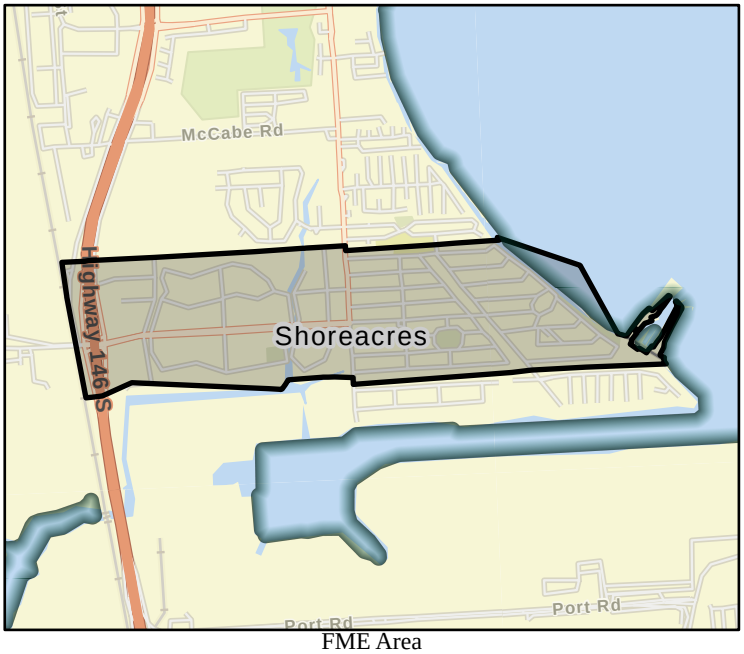
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.96 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,157	Structures at Risk	805	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	9.44	Impacted Roadway Miles	17.16
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	787



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Overflow Flooding between Burlington Northern RR and Huffsmith-Kohrville Rd

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000032 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $715,000

FME Description: Willow Creek - Overflow Flooding between Burlington Northern Railroad and Hufsmith-Kohrville Rd

County: Harris Existing/Anticipated Models? Yes New H&H Model? Yes

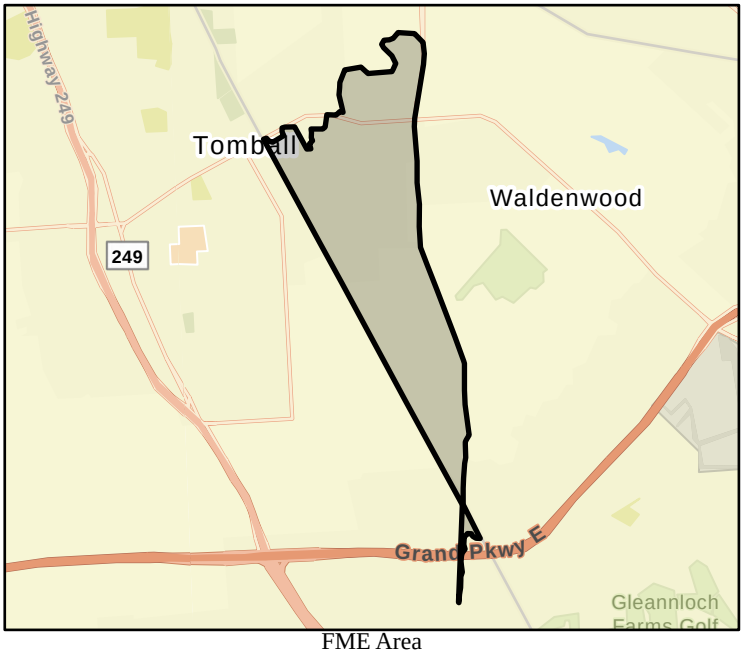
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.18 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	68	Structures at Risk	47	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	176.74	Impacted Roadway Miles	2.81
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	8



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston Bay Watershed Plan - Analysis of PA07 100-year Conveyance Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000034 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $484,000

FME Description: Galveston Bay Watershed Plan - Analysis of PA07 100-year Conveyance Project

County: Multiple Existing/Anticipated Models? Yes New H&H Model? Yes

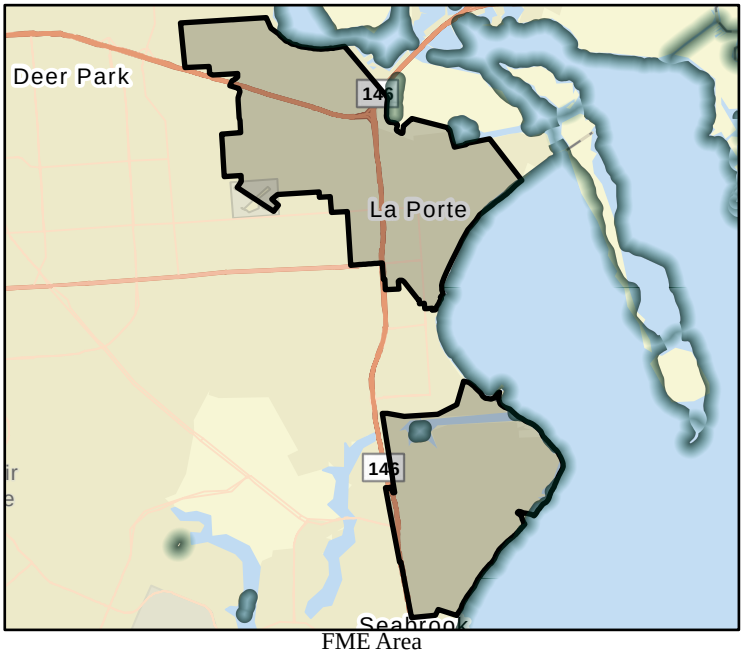
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 19.36 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	14,124	Structures at Risk	5,875	Critical Facilities at Risk	61
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	458.85	Impacted Roadway Miles	100.6
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	4,607



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston Bay Watershed Plan - Analysis of PA08 100-year Conveyance Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000035 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $969,000

FME Description: Galveston Bay Watershed Plan - Analysis of PA08 100-year Conveyance Project

County: Multiple Existing/Anticipated Models? Yes New H&H Model? Yes

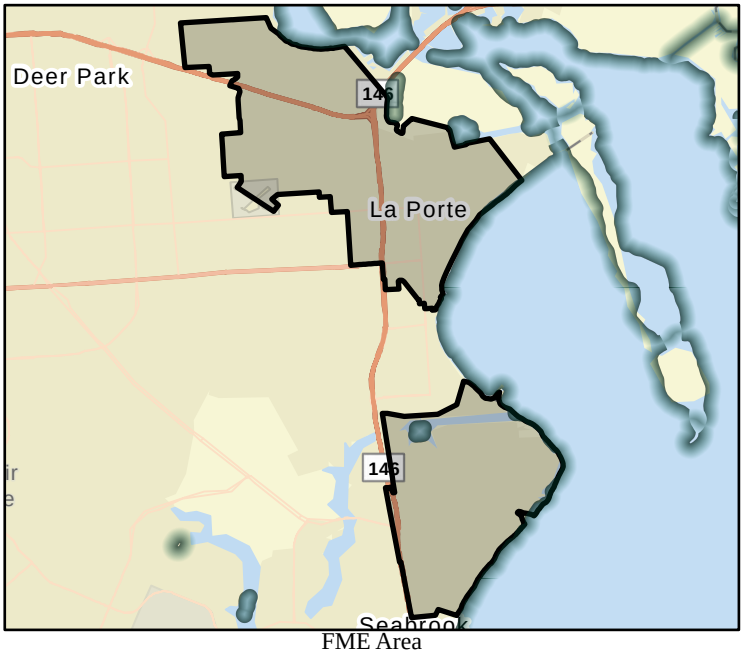
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 19.36 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	14,124	Structures at Risk	5,875	Critical Facilities at Risk	61
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	458.85	Impacted Roadway Miles	100.6
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	4,607



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Alvin Flood Gauges

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000037 Sponsor Entity ID: 00-01-0000003020

Sponsor name: Alvin (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $61,000

FME Description: Study to identify areas where best to purchase additional flood gauges to be placed at bayous and key high water areas within City of Alvin.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

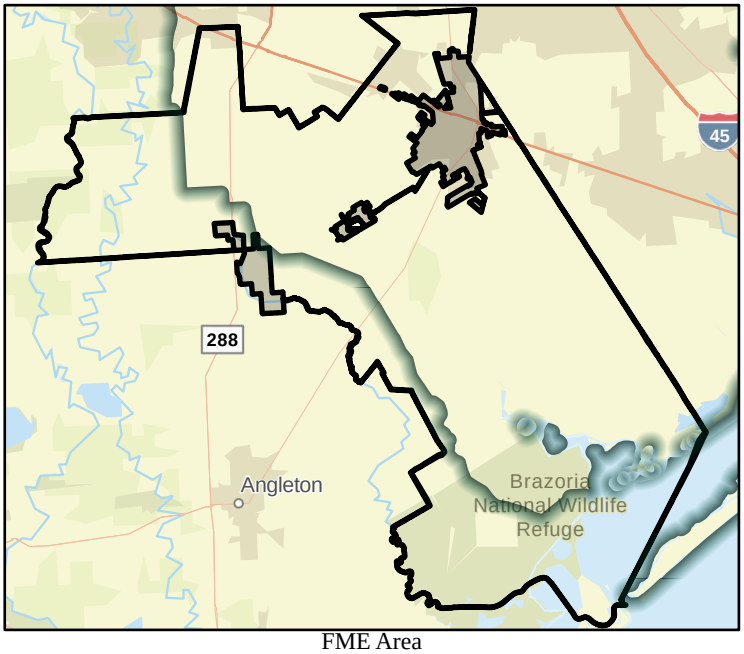
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 25.17 Assumptions/Relevant Context: N/A

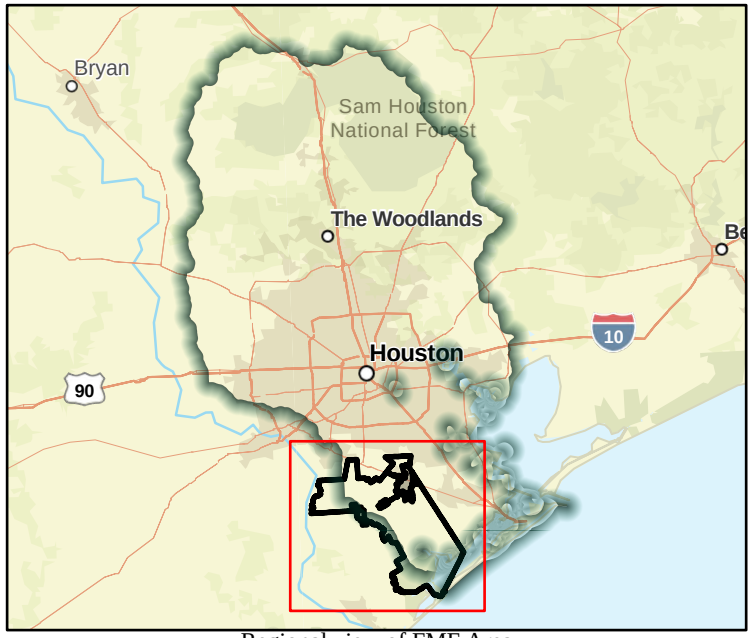
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,407	Structures at Risk	1,916	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,940.61	Impacted Roadway Miles	40.63
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,234



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Brazoria County Costal River Flood Extent Analysis

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000038 Sponsor Entity ID: 00-01-0000000003

Sponsor name: Brazoria County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $61,000

FME Description: Study to determine flood extents, in Brazoria County, of recent hurricane disasters, by analyzing the post event aerial imagery through a GIS image classification process, and compare the flood extent area to other sources, such as LIDAR.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

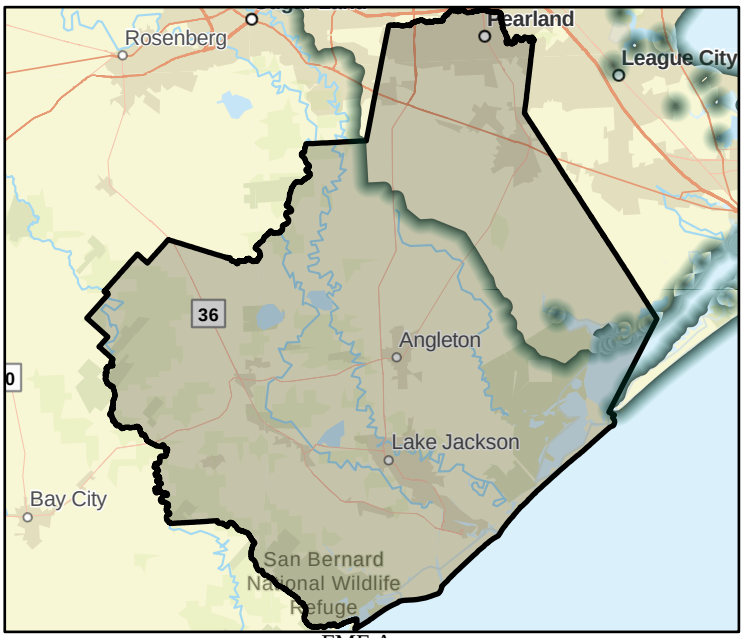
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,486.24 Assumptions/Relevant Context: N/A

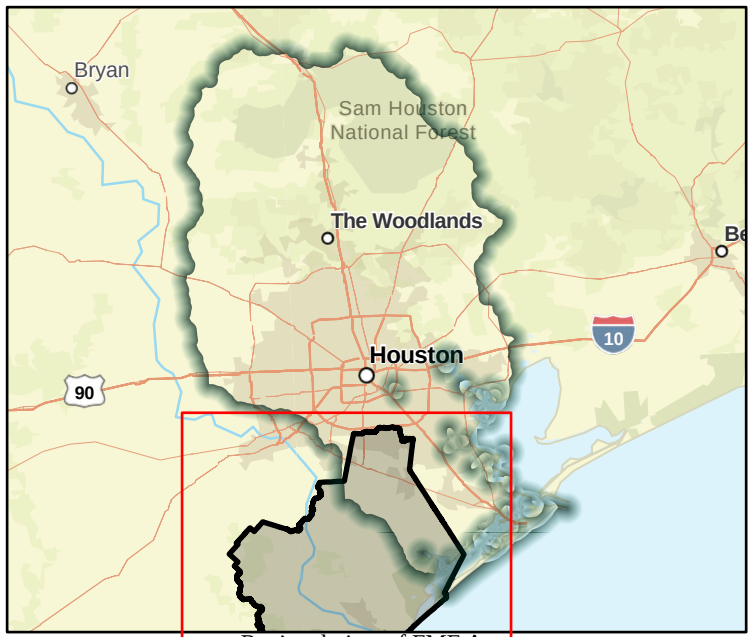
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	75,154	Structures at Risk	33,594	Critical Facilities at Risk	225
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	64,116.73	Impacted Roadway Miles	591.8
Low Water Crossings	44	Total Historical Road Closures	44	Residential at Risk	27,612



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Alvin Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000039 Sponsor Entity ID: 00-01-0000003020

Sponsor name: Alvin (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $121,000

FME Description: Comprehensive review of current drainage, studies and recommendations for future projects and studies to create a Master Drainage Plan for the City of Alvin.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

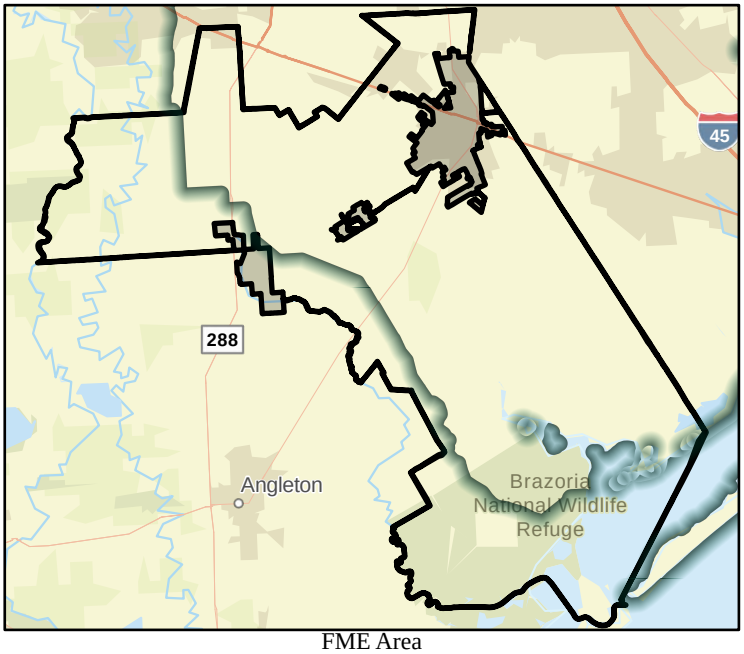
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 25.17 Assumptions/Relevant Context: N/A

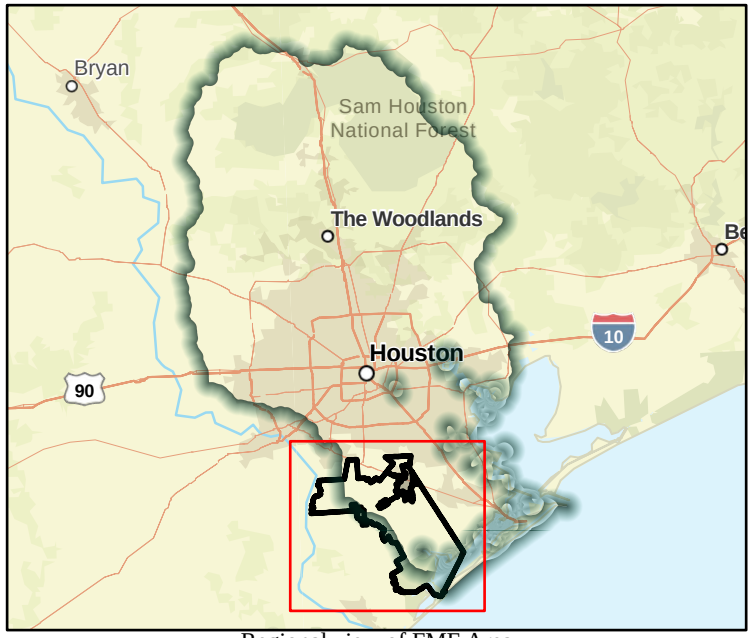
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,407	Structures at Risk	1,916	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,940.61	Impacted Roadway Miles	40.63
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,234



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Alvin Open Space Preservation

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000040 Sponsor Entity ID: 00-01-0000003020

Sponsor name: Alvin (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $606,000

FME Description: Study for open space preservation within adjacent development, dedication of conservation easements or fee simple acquisition of land along Mustang Bayou.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

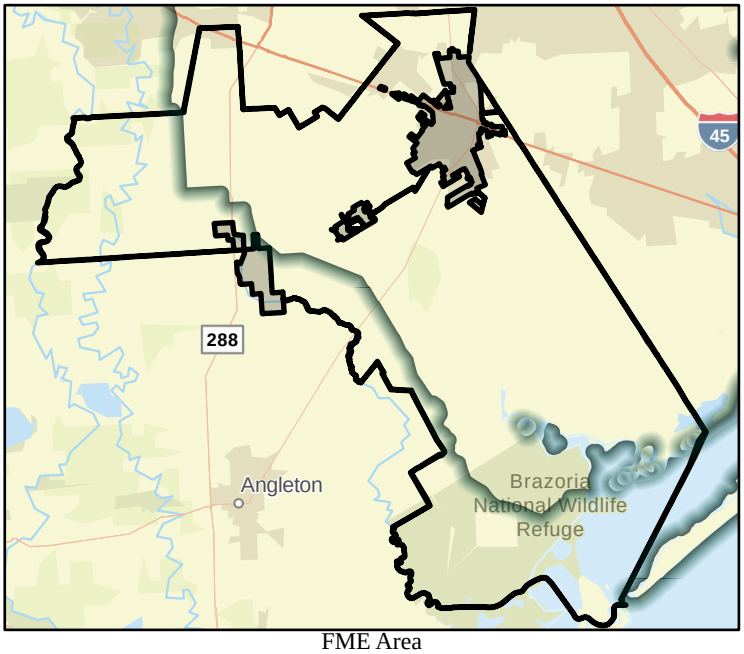
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 25.17 Assumptions/Relevant Context: N/A

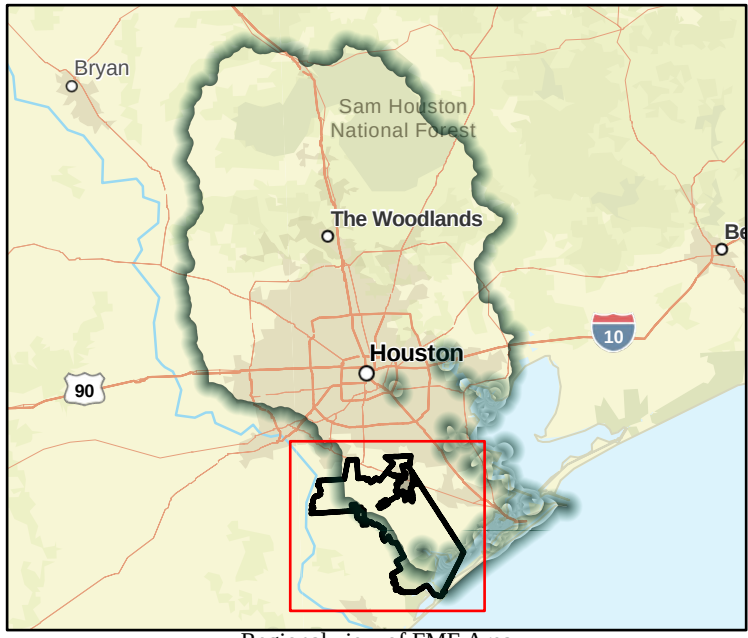
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,407	Structures at Risk	1,916	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,940.61	Impacted Roadway Miles	40.63
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,234



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Manvel SH. 6 Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000041 Sponsor Entity ID: 06-01-0000002985

Sponsor name: Manvel (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $3,634,000

FME Description: Further study of state Highway 6 drainage improvements, including storm sewer upgrades to meet current capacities, ditch deepening, and sub regional detention ponds. Project will also widen and reshape ditches, and upgrade culverts.

County: Brazoria Existing/Anticipated Models? Yes New H&H Model? No

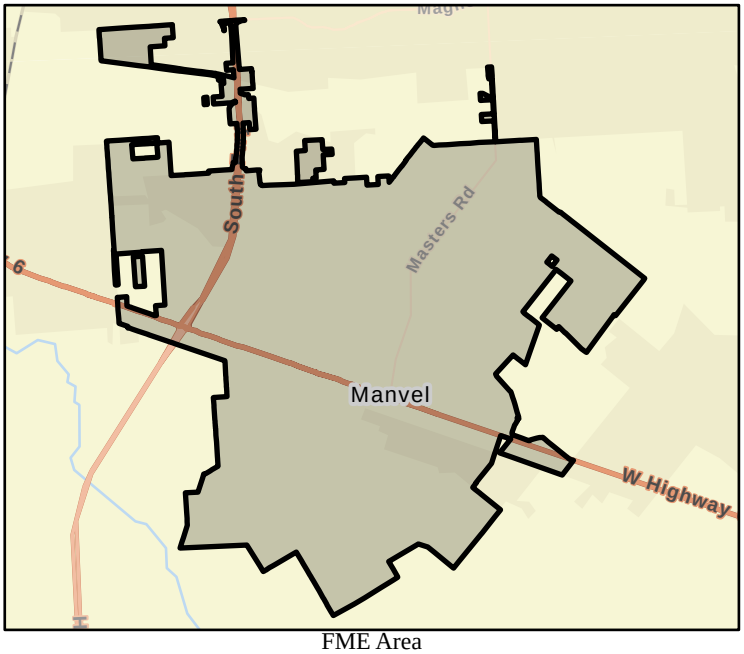
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 27.5 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	983	Structures at Risk	634	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,011.1	Impacted Roadway Miles	24.11
Low Water Crossings	6	Total Historical Road Closures	6	Residential at Risk	485



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Chambers County Dam and Levee Failure Inundation Map Update

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000042 Sponsor Entity ID: 00-01-0000000013

Sponsor name: Chambers County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $30,000

FME Description: Further study for all participating jurisdiction to update dam and levee failure inundation maps, and update floodplain and floodway maps throughout the county. The updated maps will also be made available to the public.

County: Chambers Existing/Anticipated Models? Yes New H&H Model? No

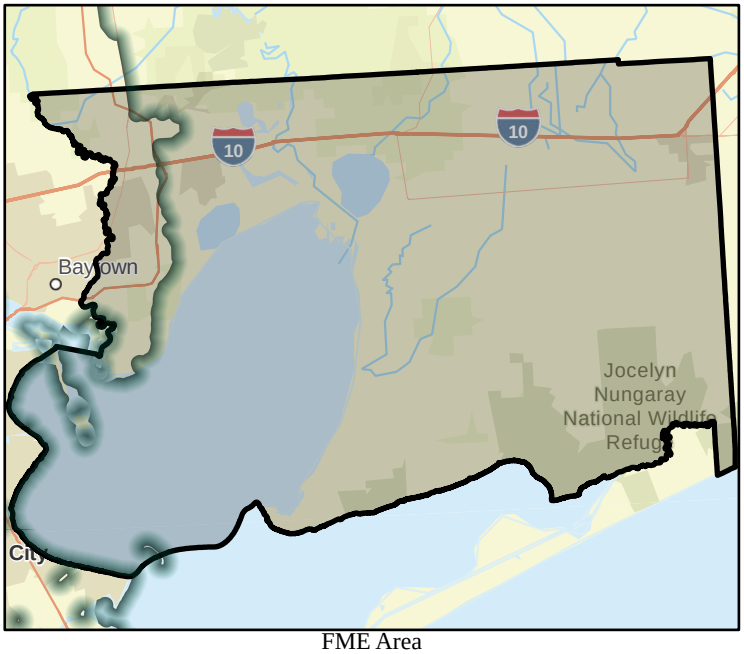
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 868.6 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,498	Structures at Risk	1,464	Critical Facilities at Risk	26
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,888.87	Impacted Roadway Miles	44.14
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	583



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Alvin Detention Pond Construction - Mustang and Dickinson Bayou

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000043 Sponsor Entity ID: 00-01-0000003020

Sponsor name: Alvin (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Further assessment and design of detention ponds needed along Mustang and Dickinson Bayous to reduce flood risk in the City of Alvin.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

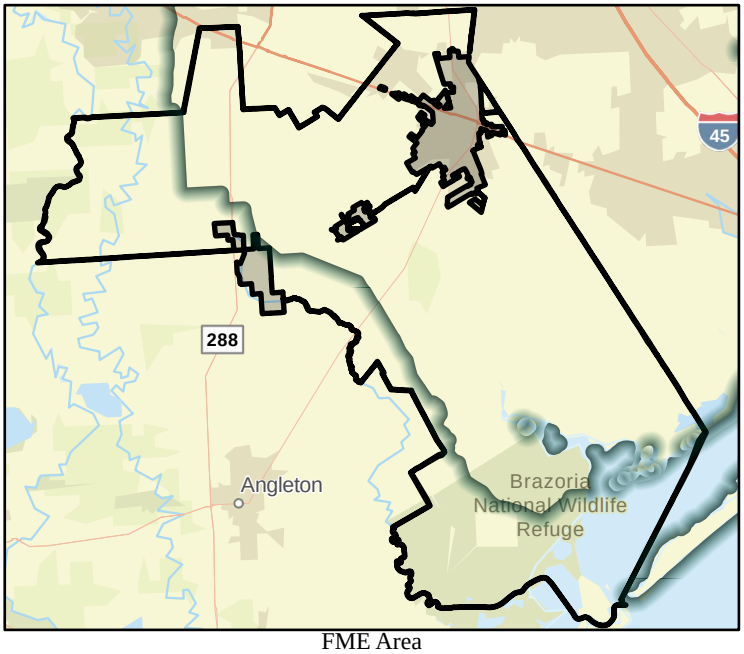
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 25.17 Assumptions/Relevant Context: N/A

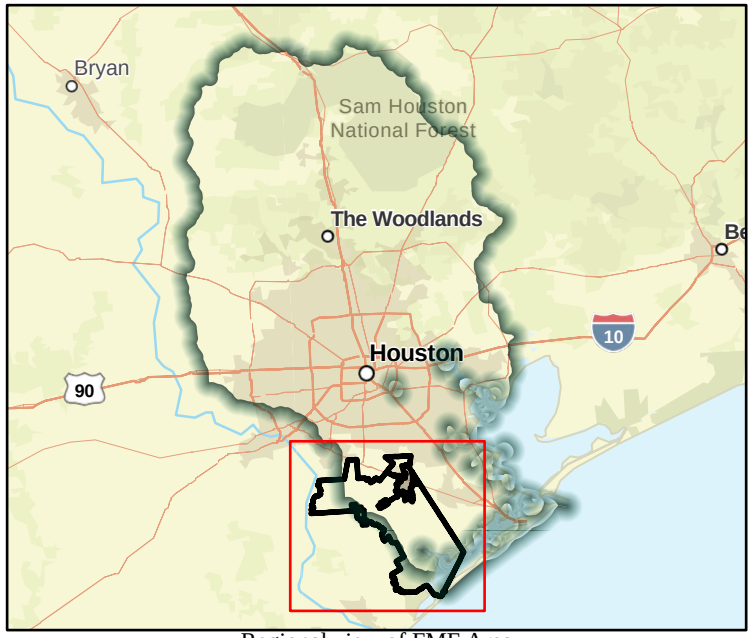
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,407	Structures at Risk	1,916	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,940.61	Impacted Roadway Miles	40.63
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,234



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Chambers County Property Protection

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000044 Sponsor Entity ID: 00-01-0000000013

Sponsor name: Chambers County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $606,000

FME Description: Study to determine flood risk reduction potential of clearing obstacles, widen and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding throughout all participating jurisdictions.

County: Chambers Existing/Anticipated Models? Yes New H&H Model? No

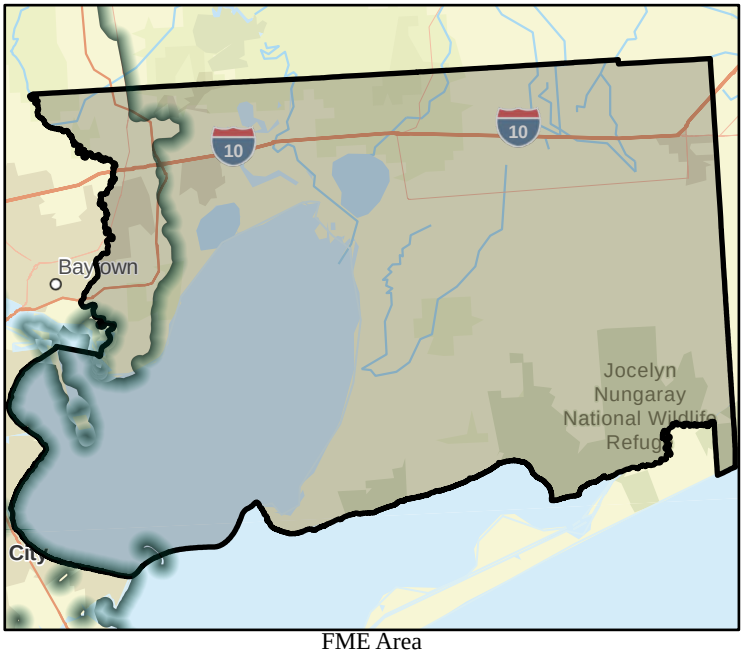
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 868.6 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,498	Structures at Risk	1,464	Critical Facilities at Risk	26
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,888.87	Impacted Roadway Miles	44.14
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	583



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Brazoria County Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000046 Sponsor Entity ID: 00-01-0000000003

Sponsor name: Brazoria County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $424,000

FME Description: Drainage study needed and evaluated of alternatives include: Widen and reshape drainage ditches, and upgrade culverts to restore adequate drainage to mitigate flooding.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

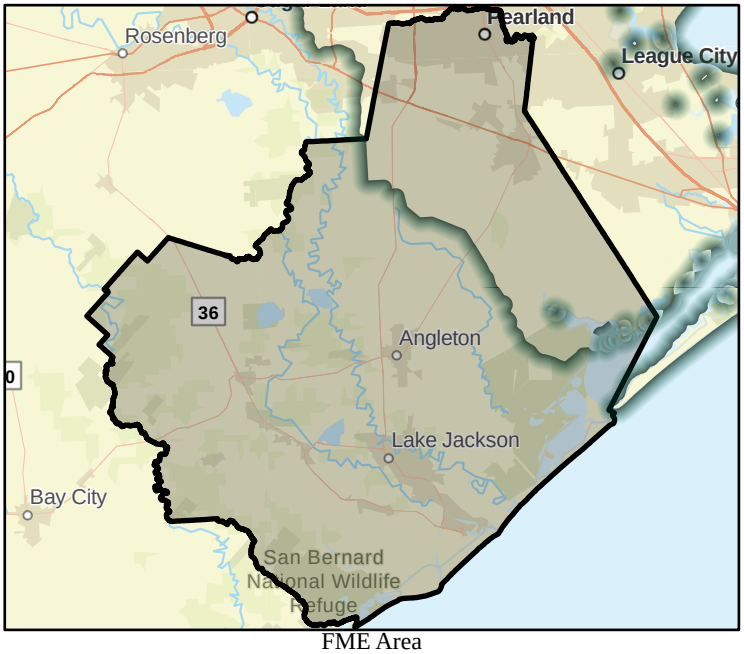
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,486.24 Assumptions/Relevant Context: N/A

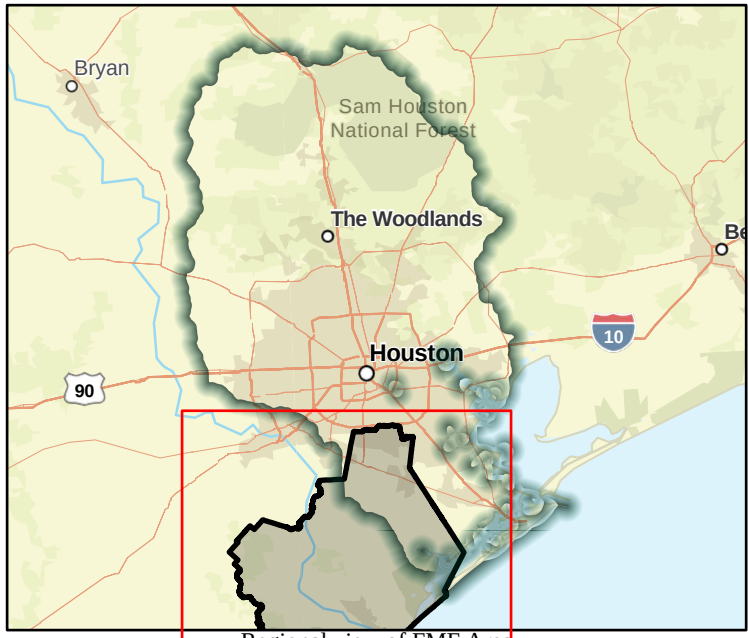
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	75,154	Structures at Risk	33,594	Critical Facilities at Risk	225
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	64,116.73	Impacted Roadway Miles	591.8
Low Water Crossings	44	Total Historical Road Closures	44	Residential at Risk	27,612



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Manvel Various Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000047 Sponsor Entity ID: 06-01-0000002985

Sponsor name: Manvel (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $557,000

FME Description: Study of various drainage improvements, including storm sewer rehabilitation and ditch deepening.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

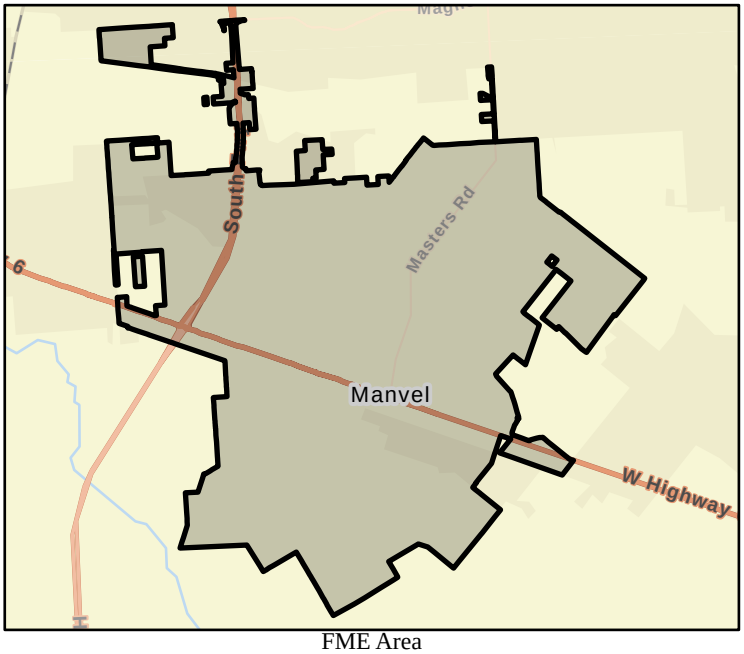
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 27.5 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	983	Structures at Risk	634	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,011.1	Impacted Roadway Miles	24.11
Low Water Crossings	6	Total Historical Road Closures	6	Residential at Risk	485



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Brazoria County Property Protection

FME ID: 06-51-0000000048 Sponsor Entity ID: 00-01-0000000003

Sponsor name: Brazoria County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $606,000

FME Description: Further study required to assess alternatives to restore drainage and mitigate flooding throughout the county.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

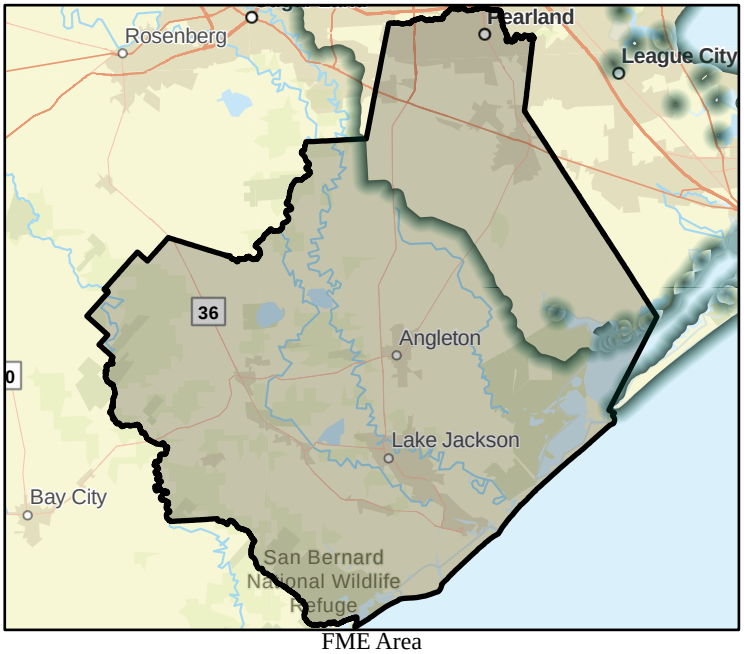
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,486.24 Assumptions/Relevant Context: N/A

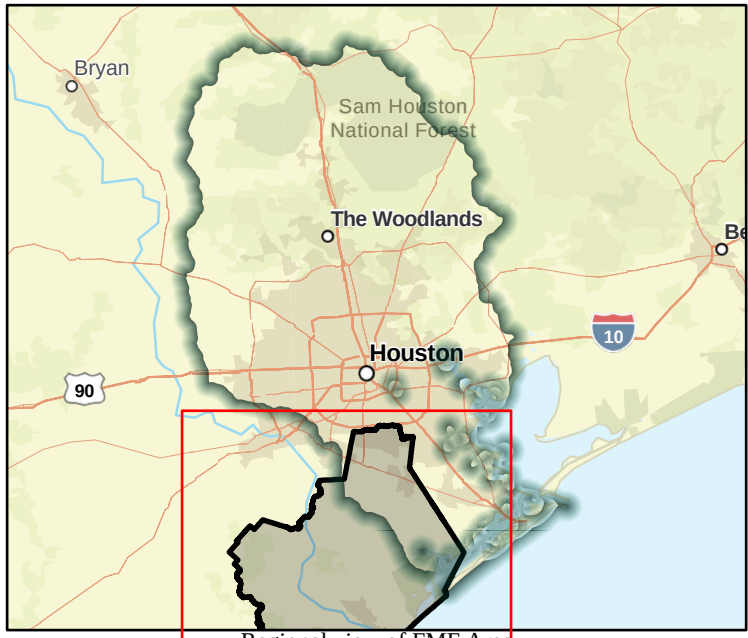
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	75,154	Structures at Risk	33,594	Critical Facilities at Risk	225
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	64,116.73	Impacted Roadway Miles	591.8
Low Water Crossings	44	Total Historical Road Closures	44	Residential at Risk	27,612



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Hillcrest Village Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000049 Sponsor Entity ID: 06-01-0000003026

Sponsor name: Hillcrest Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $157,000

FME Description: Further study and FMP development required to assess alternatives to restore drainage and mitigate flooding throughout the City of Hillcrest Village.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

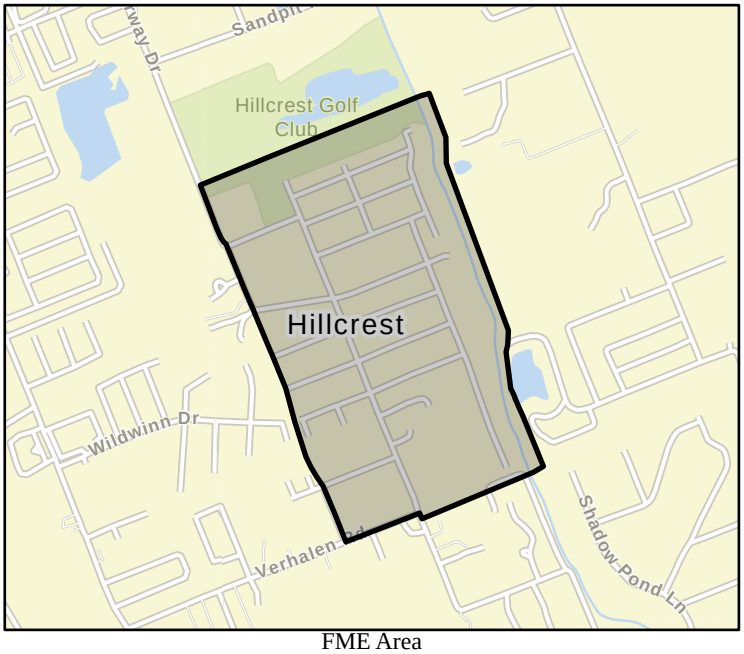
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.44 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	180	Structures at Risk	78	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4.59	Impacted Roadway Miles	1.37
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	74



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: West Chocolate Bayou (CR 383 Ditch)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000050 Sponsor Entity ID: 06-01-0000001583

Sponsor name: Brazoria Drainage District 4 (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $306,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

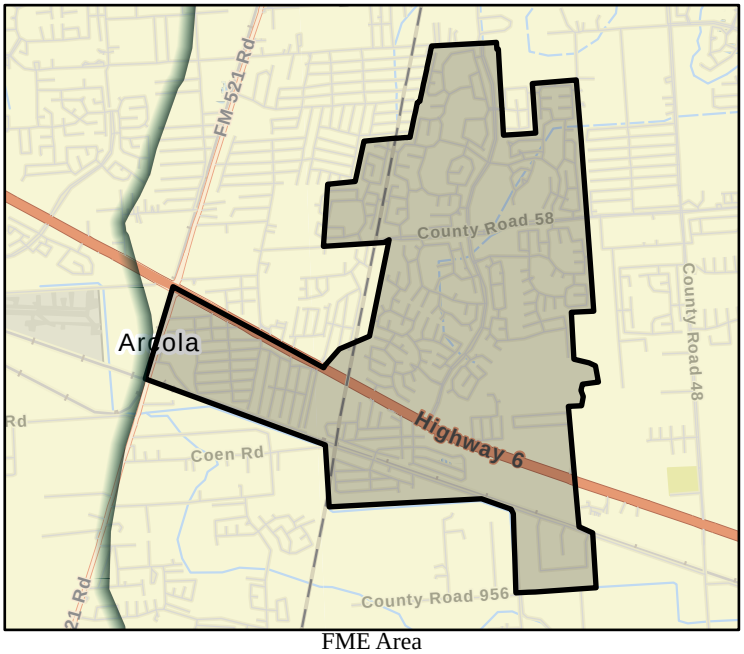
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.38 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	189	Structures at Risk	104	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	82.56	Impacted Roadway Miles	6.14
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	93



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: West Fork Chocolate (Cold River Ranch Ditch)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000051 Sponsor Entity ID: 06-01-0000001583

Sponsor name: Brazoria Drainage District 4 (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Further study of proposed channel modifications to Cold River Ranch Ditch included in the City of Pearland master drainage plan to include Atlas 14 rainfall.

County: Brazoria Existing/Anticipated Models? Yes New H&H Model? No

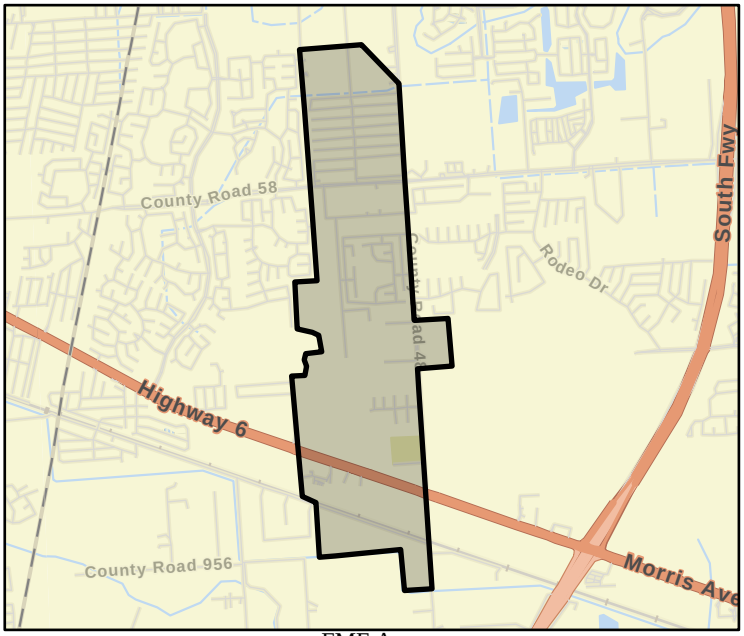
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.61 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	369	Structures at Risk	237	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	150.14	Impacted Roadway Miles	4.13
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	187



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: West Fork Chocolate Bayou

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000052 Sponsor Entity ID: 06-01-0000001583

Sponsor name: Brazoria Drainage District 4 (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $2,510,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

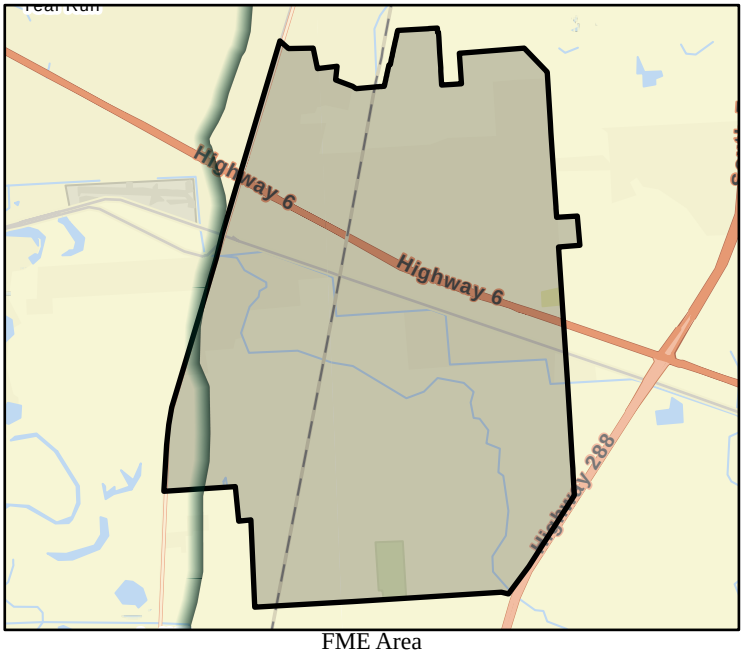
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 13.94 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,211	Structures at Risk	839	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,945.36	Impacted Roadway Miles	14.67
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	689



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title East Chocolate Bayou (E103-00-00)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID 06-51-0000000053 Sponsor Entity ID 06-01-0000001583

Sponsor name Brazoria Drainage District 4 (Flood District)

RFPG recommend? Yes Reason for Recommendation Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type Project Planning Est. FME Cost $58,000

FME Description Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County Brazoria Existing/Anticipated Models? Yes New H&H Model? No

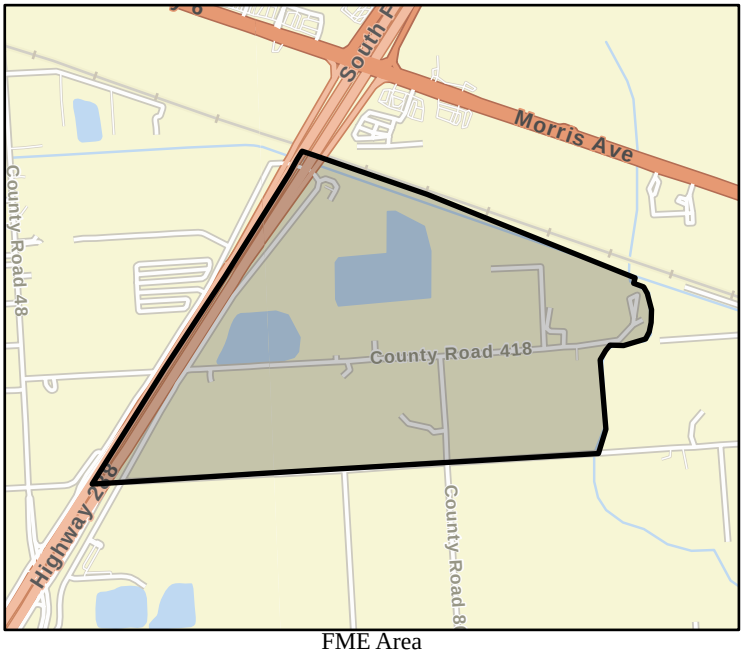
Emergency Need? No Emergency Need Description

Drainage Area (est. sq-mi) 0.65 Assumptions/Relevant Context N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area N/A

Population at Risk	20	Structures at Risk	13	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	62.1	Impacted Roadway Miles	0.12
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	12



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cannon Ditch Segment 2

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000054 Sponsor Entity ID: 06-01-0000001583

Sponsor name: Brazoria Drainage District 4 (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,129,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Brazoria Existing/Anticipated Models? Yes New H&H Model? No

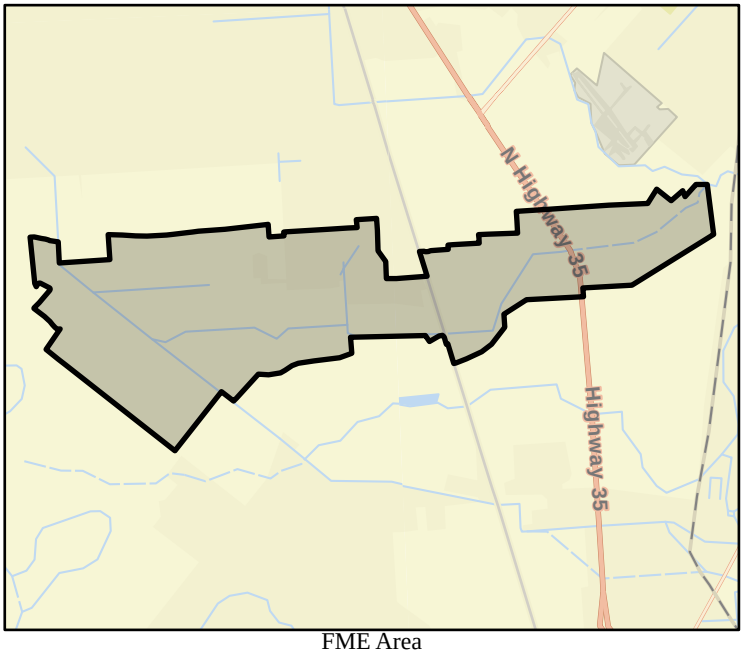
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 5.73 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,057	Structures at Risk	877	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,350.07	Impacted Roadway Miles	6.42
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	561



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Galveston Coastal Road Elevation

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000055 Sponsor Entity ID: 06-01-0000002809

Sponsor name: Galveston (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,211,000

FME Description: Elevate coastal roads to better protect public during evacuation and to protect the roads from flood damage, where feasible.

County: Galveston Existing/Anticipated Models? Yes New H&H Model? No

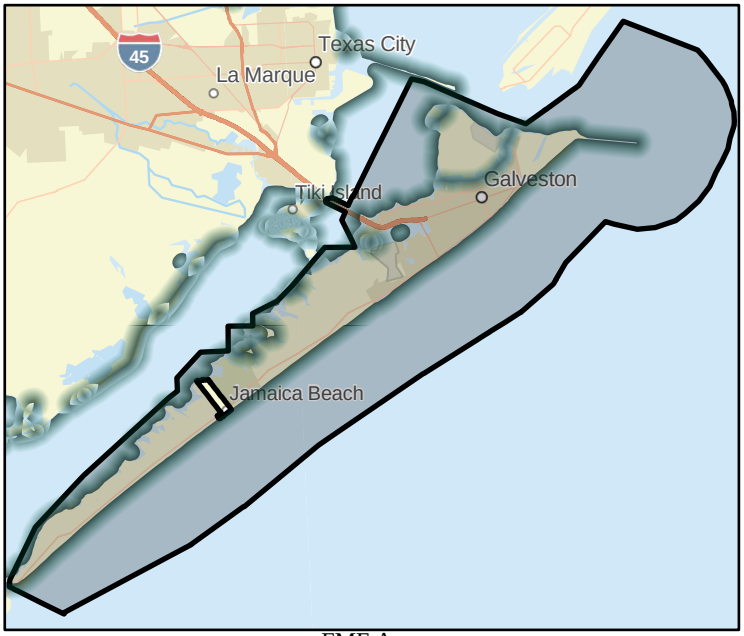
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 211.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	65,500	Structures at Risk	22,641	Critical Facilities at Risk	204
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,080.58	Impacted Roadway Miles	398.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	19,884



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Hickory Slough (Upper Segment)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000057 Sponsor Entity ID: 06-01-0000002790

Sponsor name: Pearland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,376,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Brazoria Existing/Anticipated Models? Yes New H&H Model? No

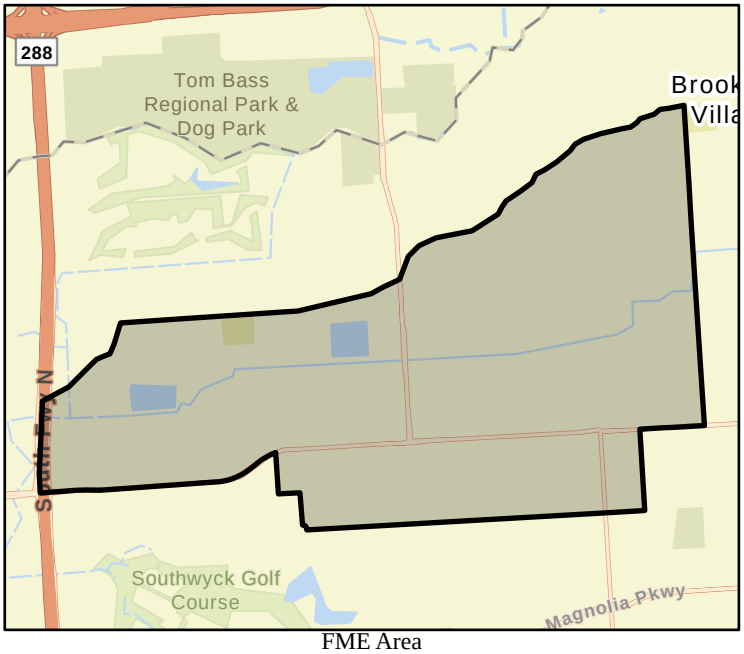
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 5.86 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,179	Structures at Risk	1,597	Critical Facilities at Risk	11
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	371.35	Impacted Roadway Miles	27.04
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,116



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Manvel Gates Loop Subdivision Drainage Improvement

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000059 Sponsor Entity ID: 06-01-0000002985

Sponsor name: Manvel (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $121,000

FME Description: Further study proposed Gates Loop subdivision drainage improvement.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

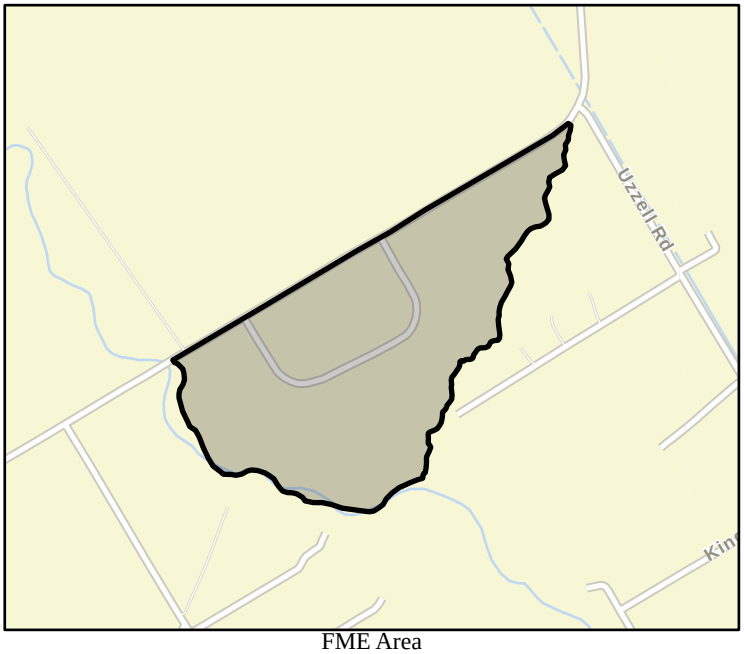
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.19 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	82	Structures at Risk	38	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	45.87	Impacted Roadway Miles	0.37
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	37



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Hickory Slough Middle Segment

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000060 Sponsor Entity ID: 06-01-0000002790

Sponsor name: Pearland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,046,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Brazoria Existing/Anticipated Models? Yes New H&H Model? No

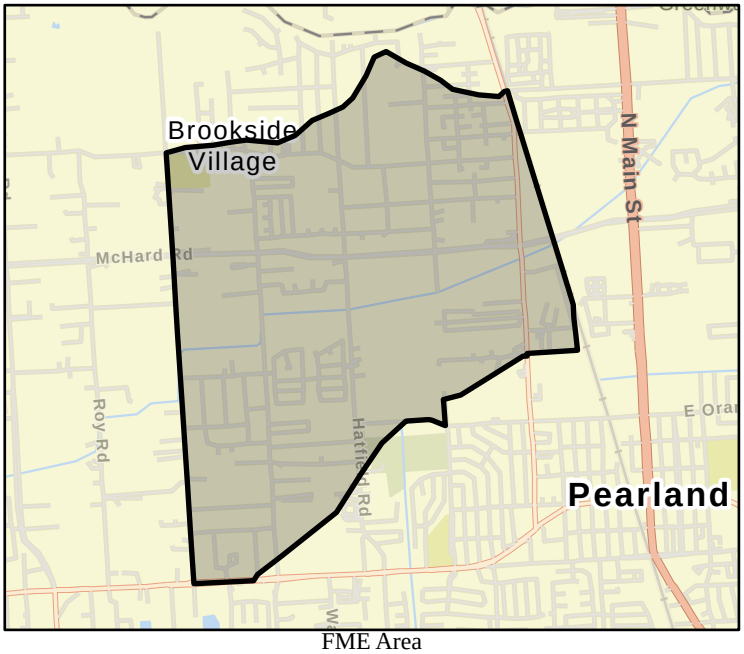
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.78 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,566	Structures at Risk	1,098	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	180.23	Impacted Roadway Miles	12.2
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	761



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Mustang Bayou Middle Segment

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000064 Sponsor Entity ID: 06-01-0000001583

Sponsor name: Brazoria Drainage District 4 (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,468,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

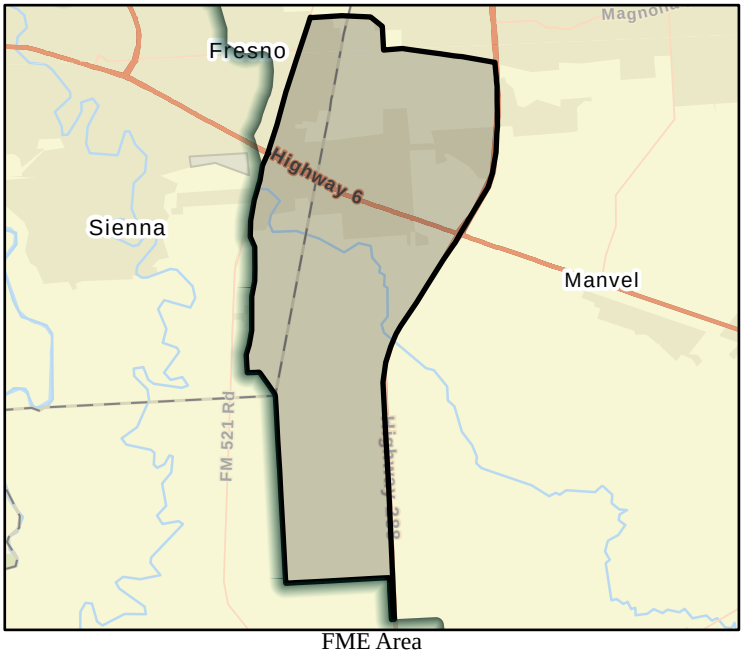
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 32.91 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,705	Structures at Risk	1,965	Critical Facilities at Risk	7
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,491.14	Impacted Roadway Miles	46.83
Low Water Crossings	10	Total Historical Road Closures	10	Residential at Risk	1,587



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Hickory Slough Lower Segment

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000065 Sponsor Entity ID: 06-01-0000002790

Sponsor name: Pearland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,269,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Brazoria Existing/Anticipated Models? Yes New H&H Model? No

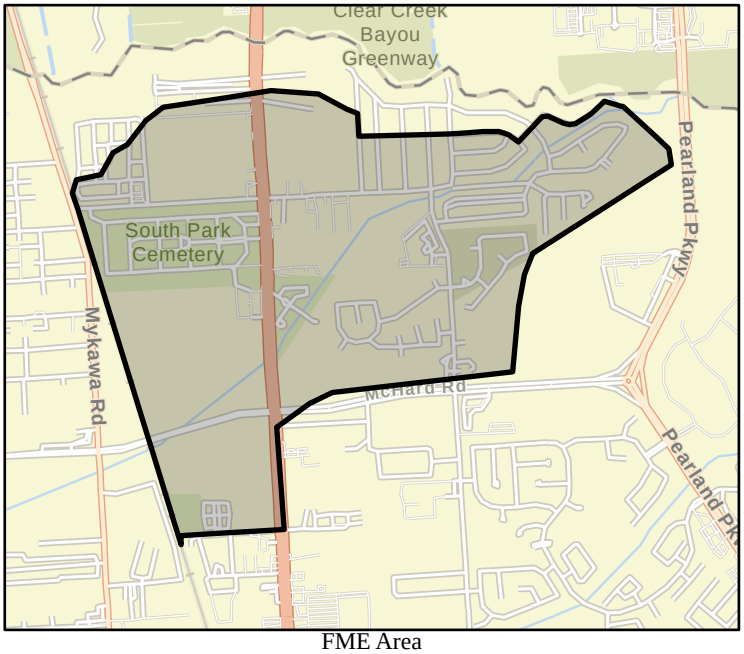
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.2 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,214	Structures at Risk	413	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	104.66	Impacted Roadway Miles	6.73
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	339



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Mustang Bayou Upper Segment

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000066 Sponsor Entity ID: 06-01-0000001583

Sponsor name:

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $2,471,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Fort Bend Existing/Anticipated Models? Yes New H&H Model? No

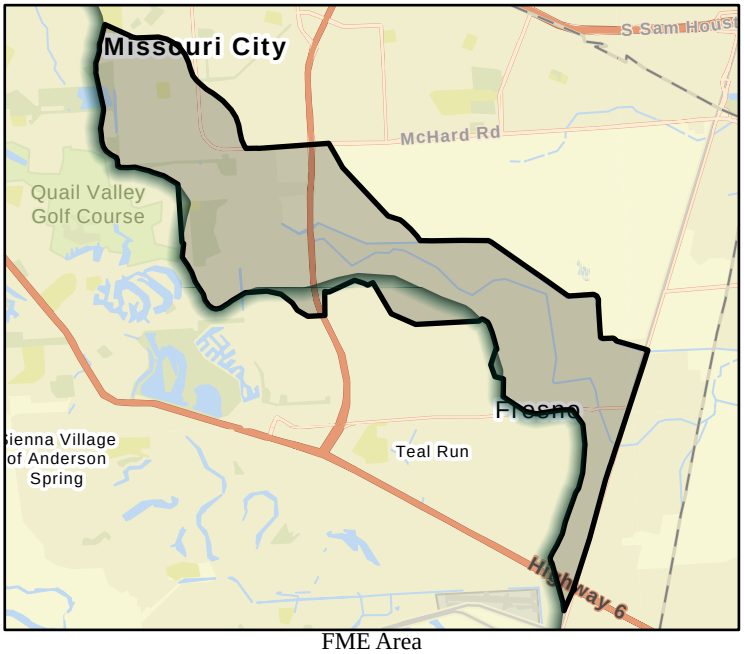
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 8.95 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	892	Structures at Risk	560	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	673.57	Impacted Roadway Miles	9.1
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	510



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Alvin Dickinson Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000067 Sponsor Entity ID: 00-01-0000003020

Sponsor name: Alvin (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $606,000

FME Description: Study of Dickinson Bayou Watershed to determine drainage improvement alternatives.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

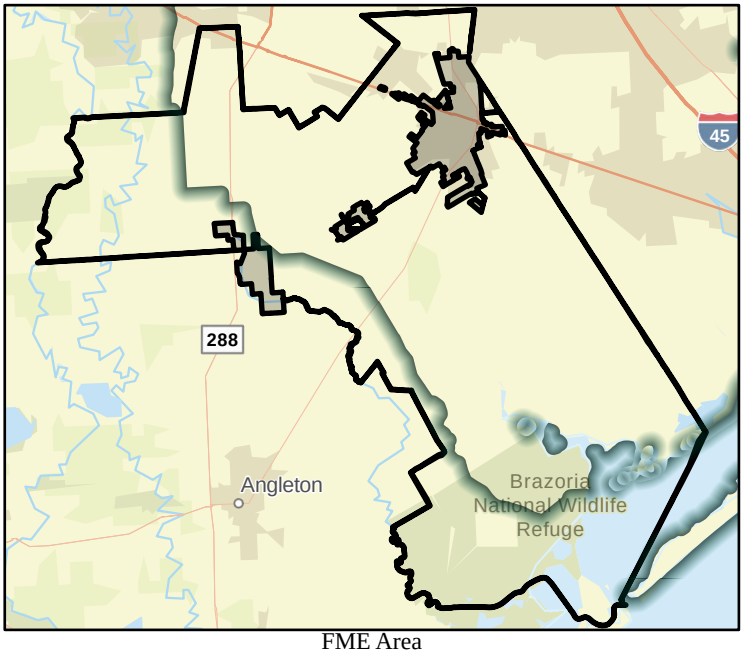
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 25.17 Assumptions/Relevant Context: N/A

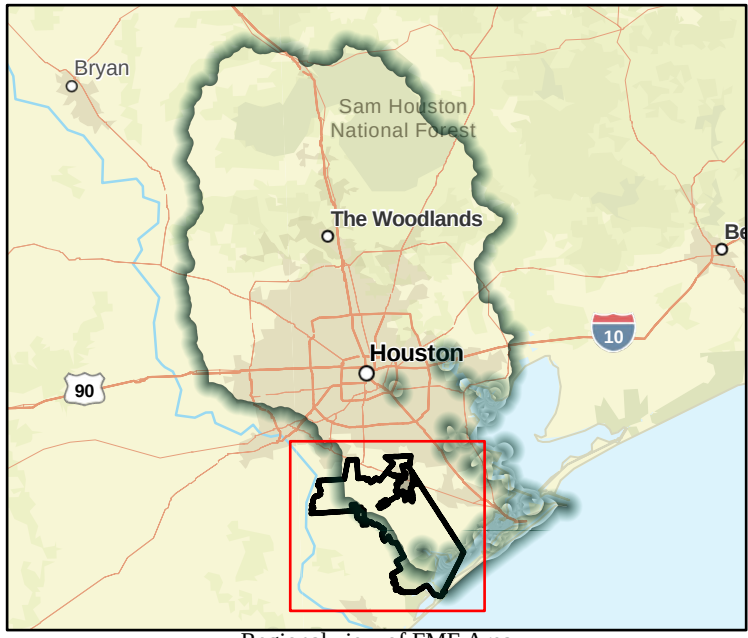
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,407	Structures at Risk	1,916	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,940.61	Impacted Roadway Miles	40.63
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,234



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Galveston Shoreline Protection

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000069 Sponsor Entity ID: 06-01-0000002809

Sponsor name: Galveston (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $61,000

FME Description: Further study and FMP development of a proposed shoreline protection for areas prone to coastal erosion.

County: Galveston Existing/Anticipated Models? Yes New H&H Model? No

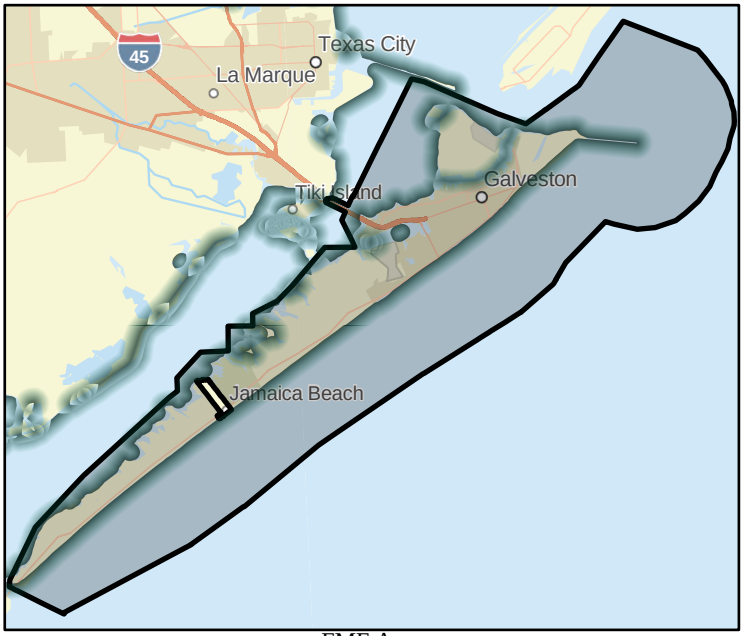
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 211.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	65,500	Structures at Risk	22,641	Critical Facilities at Risk	204
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,080.58	Impacted Roadway Miles	398.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	19,884



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cowart Creek Segment 16

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000070 Sponsor Entity ID: 06-01-0000002790

Sponsor name: Pearland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $48,000

FME Description: Further study including Atlas 14 rainfall incorporation and Benefit Cost Analysis of proposed channel modifications included in the City of Pearland master drainage plan.

County: Brazoria Existing/Anticipated Models? Yes New H&H Model? No

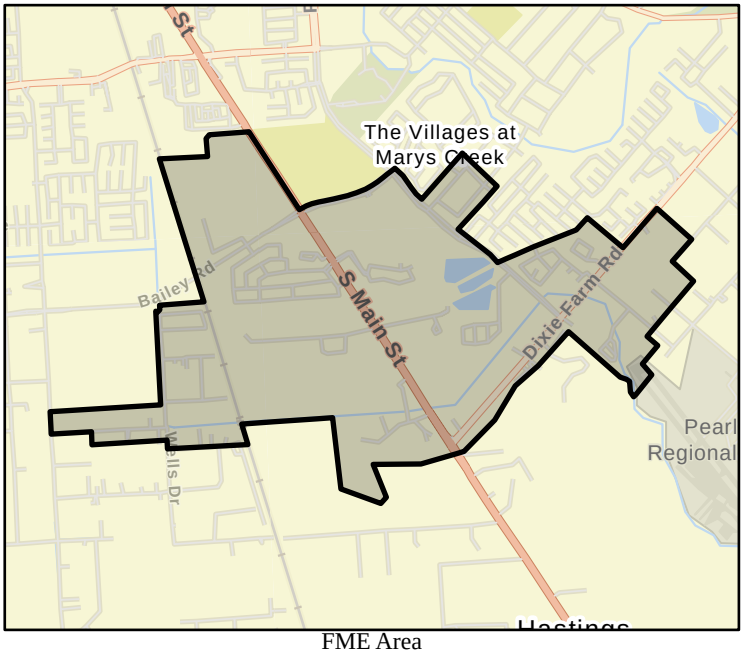
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.19 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	794	Structures at Risk	367	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	198.82	Impacted Roadway Miles	4.16
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	263



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Galveston Dune Restoration

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000071 Sponsor Entity ID: 06-01-0000002809

Sponsor name: Galveston (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,211,000

FME Description: Study of dune system to determine needs and flood damage reduction potential of restoration.

County: Galveston Existing/Anticipated Models? Yes New H&H Model? No

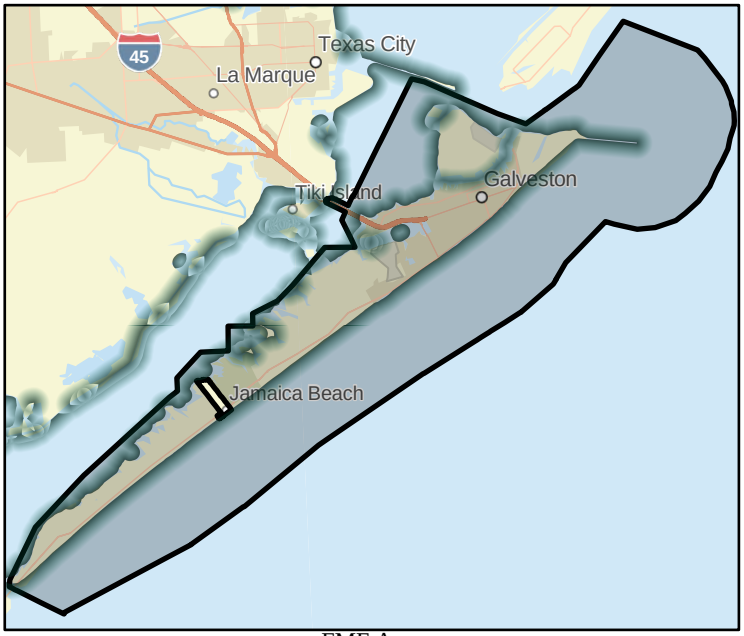
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 211.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? Yes Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	65,500	Structures at Risk	22,641	Critical Facilities at Risk	204
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,080.58	Impacted Roadway Miles	398.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	19,884



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Hillcrest Village Engineering Survey

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000072 Sponsor Entity ID: 06-01-0000003026

Sponsor name: Hillcrest Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $363,000

FME Description: Conduct an engineering assessment to establish proper drainage for 24 Homes located in the high risk flood Zone.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

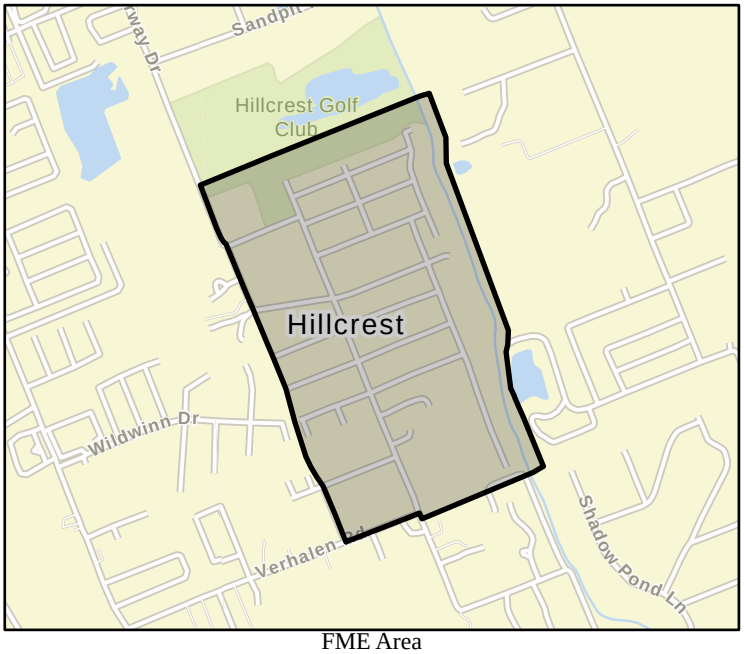
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.44 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	180	Structures at Risk	78	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4.59	Impacted Roadway Miles	1.37
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	74



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Dredging Cedar Bayou

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000076 Sponsor Entity ID: 00-01-0000000013

Sponsor name: Chambers County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $8,563,000

FME Description: Study of proposed Cedar Bayou dredging to determine flood risk reduction potential.

County: Chambers Existing/Anticipated Models? Yes New H&H Model? No

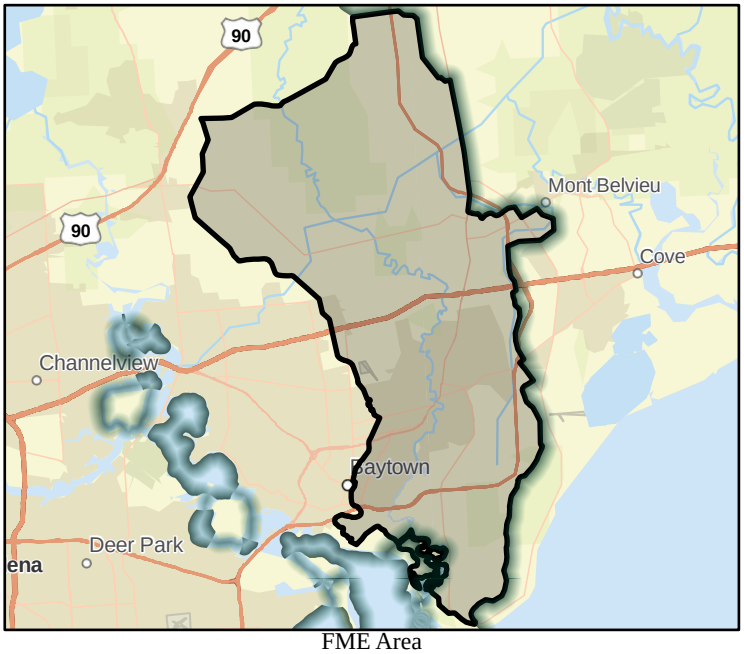
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 117.52 Assumptions/Relevant Context: N/A

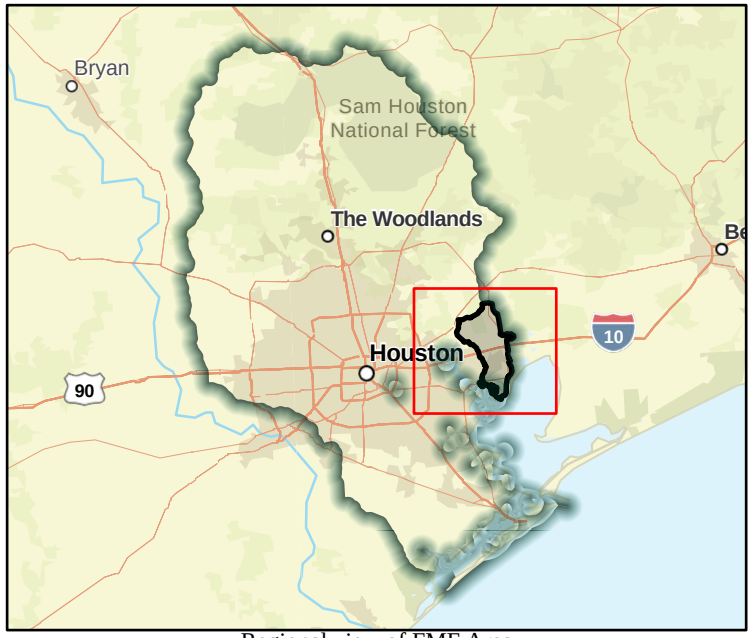
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	11,903	Structures at Risk	5,600	Critical Facilities at Risk	207
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	17,521.39	Impacted Roadway Miles	148.42
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	3,839



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Dam and Levee Failure Inundation Map Update

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000078 Sponsor Entity ID: 00-01-0000000003

Sponsor name: Brazoria County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $2,665,000

FME Description: Study by each jurisdiction to update their dam and levee failure inundation maps to identify the probability and impact of a dam and levee failures.

County: Brazoria Existing/Anticipated Models? No New H&H Model? No

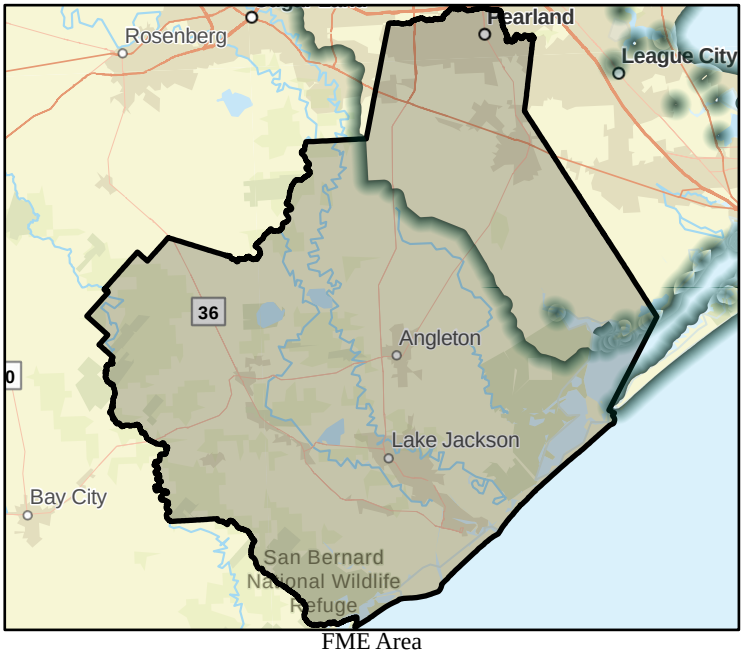
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,486.24 Assumptions/Relevant Context: N/A

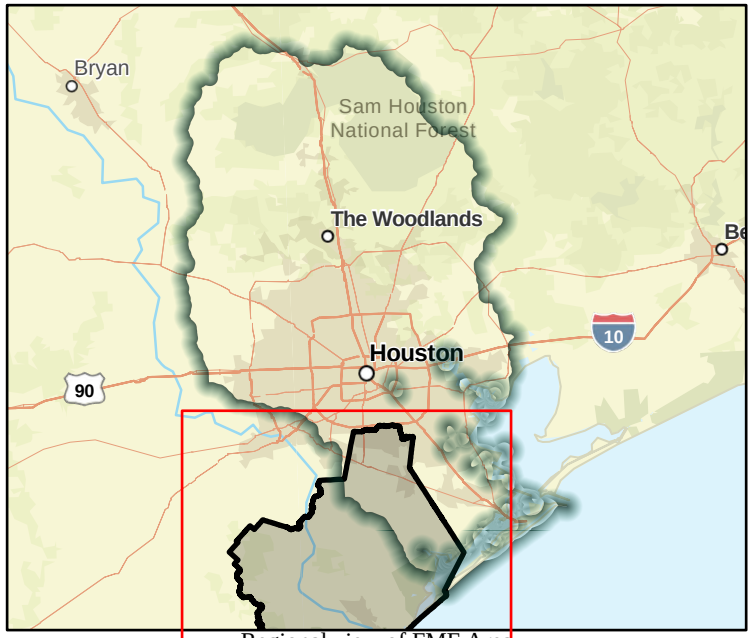
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	75,154	Structures at Risk	33,594	Critical Facilities at Risk	225
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	64,116.73	Impacted Roadway Miles	591.8
Low Water Crossings	44	Total Historical Road Closures	44	Residential at Risk	27,612



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Replace the Tiki Drive bridge with improved, hardened bridge to withstand storm surge and debris.

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000080 Sponsor Entity ID: 06-01-0000003397

Sponsor name: Tiki Island (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $266,000

FME Description: Further study of proposed Tiki Drive bridge modifications.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

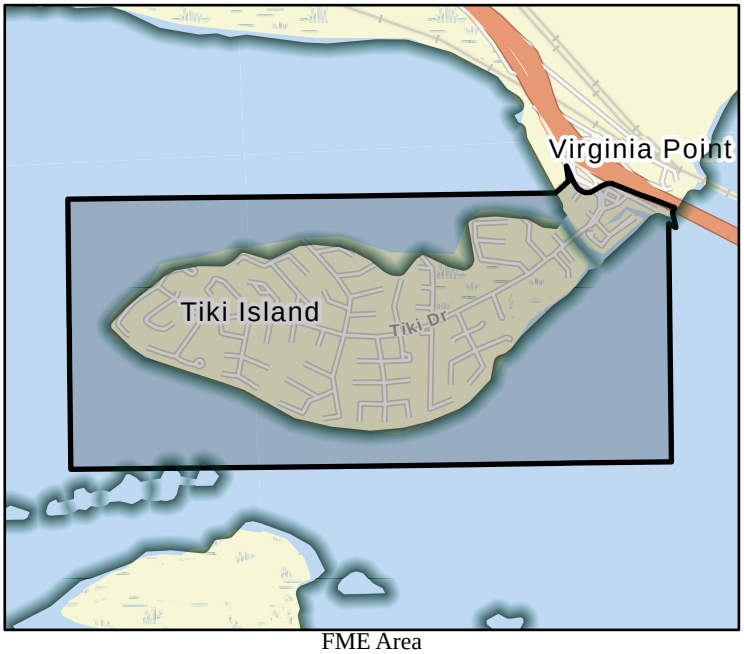
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.59 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? Yes Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,579	Structures at Risk	935	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.8	Impacted Roadway Miles	8.53
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	921



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Stream and River Flood Program

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000082 Sponsor Entity ID: 00-01-0000000024

Sponsor name: Waller County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Preparedness Est. FME Cost: $24,000

FME Description: Conduct a flood mitigation outreach program using information from the river and stream flood study to increase awareness of specific riverine flooding problems and provide guidance on mitigation in affected communities.

County: Waller Existing/Anticipated Models? No New H&H Model? No

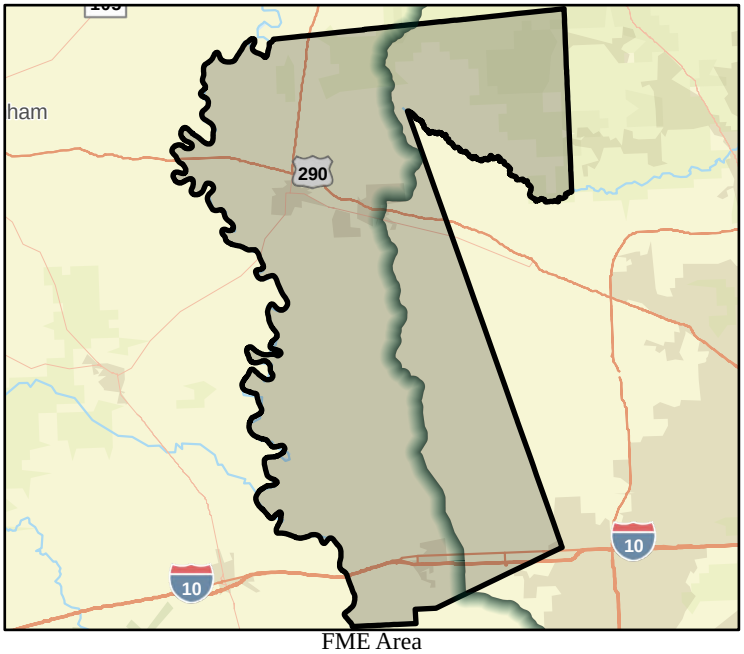
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 517.9 Assumptions/Relevant Context: N/A

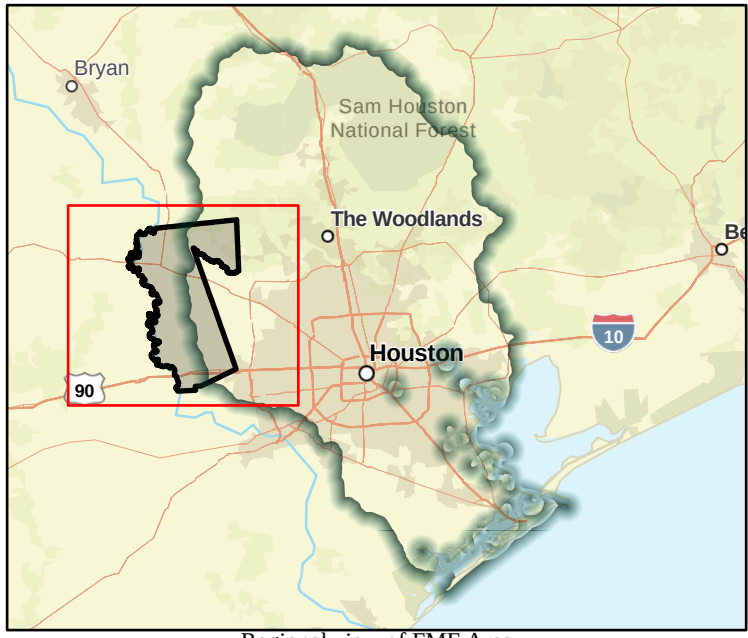
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,853	Structures at Risk	4,037	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,700.12	Impacted Roadway Miles	134.68
Low Water Crossings	17	Total Historical Road Closures	17	Residential at Risk	2,948



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Liberty County Drainage Projects

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000083 Sponsor Entity ID: 00-01-0000000033

Sponsor name: Liberty County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $2,422,000

FME Description: Further study of proposed drainage projects throughout the county- including adding ditches, detention ponds and detention basins in identified locations throughout the county in order to improve drainage.

County: Liberty Existing/Anticipated Models? No New H&H Model? No

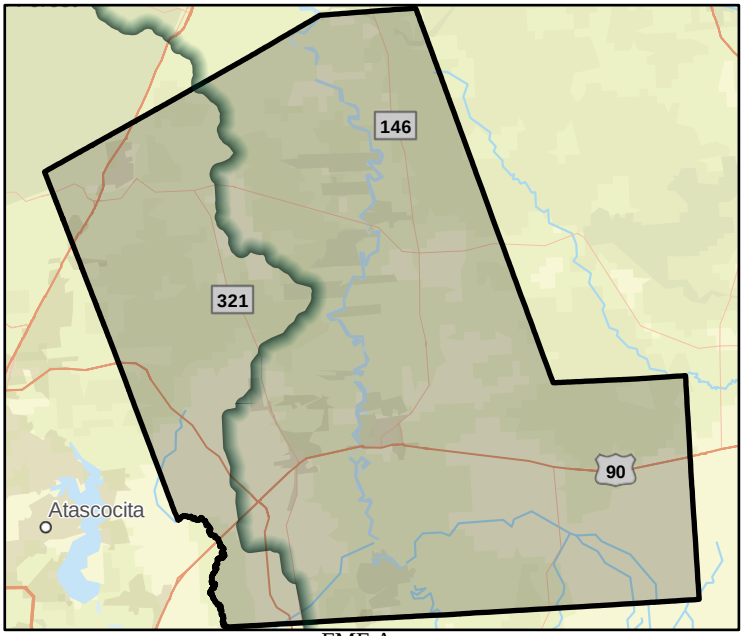
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,174.3 Assumptions/Relevant Context: N/A

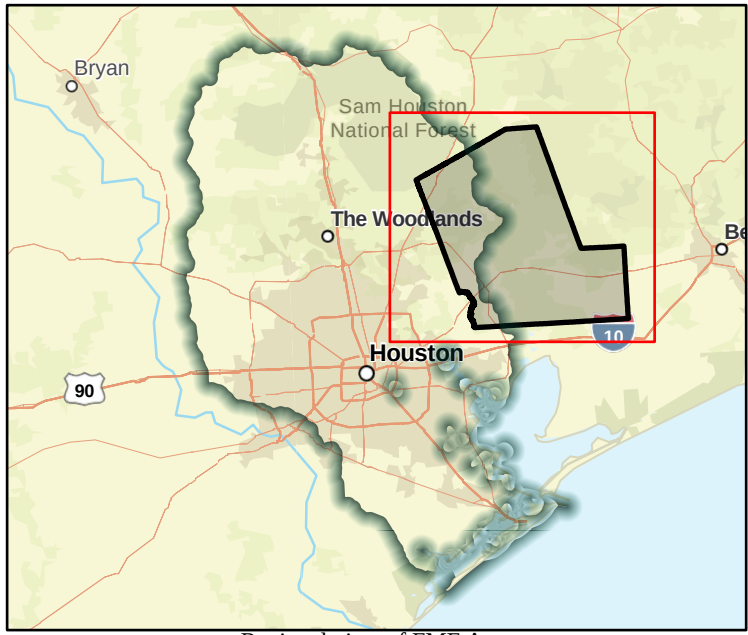
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	9,817	Structures at Risk	8,635	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,651.91	Impacted Roadway Miles	360.77
Low Water Crossings	18	Total Historical Road Closures	18	Residential at Risk	5,412



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bayou Vista Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000084 Sponsor Entity ID: 06-01-0000002806

Sponsor name: Bayou Vista (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $157,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

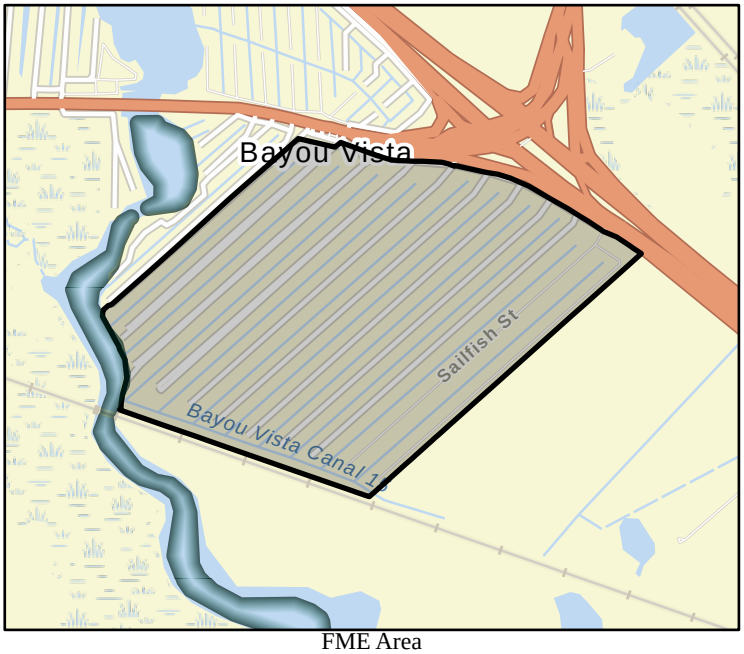
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 0.45 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	79	Structures at Risk	50	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	0.01
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	49



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cane Island Branch- Alt 2

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000085 Sponsor Entity ID: 00-01-0000000024

Sponsor name: Waller County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $3,961,000

FME Description: Further study and FMP development of proposed channel modifications to Cane Island Branch including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

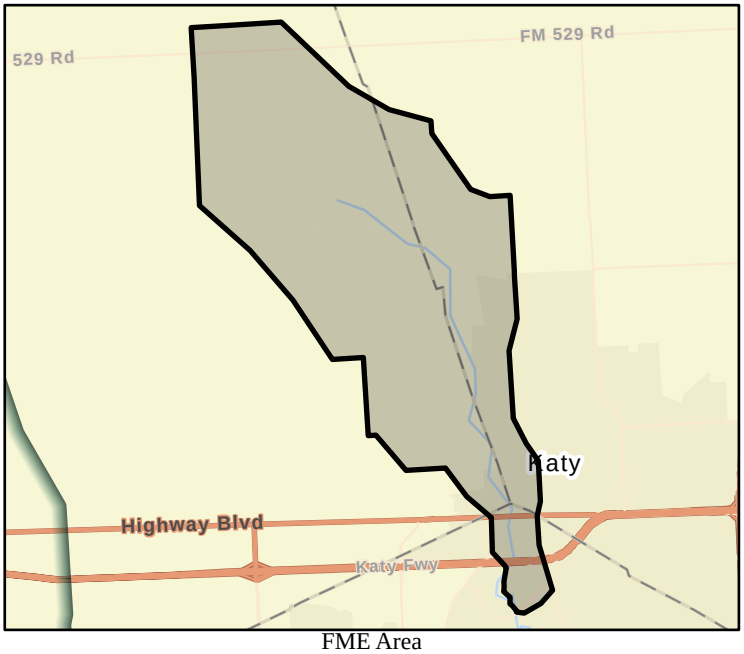
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 15.9 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,967	Structures at Risk	1,799	Critical Facilities at Risk	8
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,871.73	Impacted Roadway Miles	88.96
Low Water Crossings	4	Total Historical Road Closures	4	Residential at Risk	1,448



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Property Protection, Structural Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000086 Sponsor Entity ID: 06-01-0000003391

Sponsor name: New Waverly (Municipality)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,211,000

FME Description: Generate base flood elevation data for flood map revisions. Use floodplain study to identify future mitigation activities to improve water ways and flood carrying capacities. Area to include approximately 4 miles of floodway in New Waverly.

County: Walker Existing/Anticipated Models? No New H&H Model? No

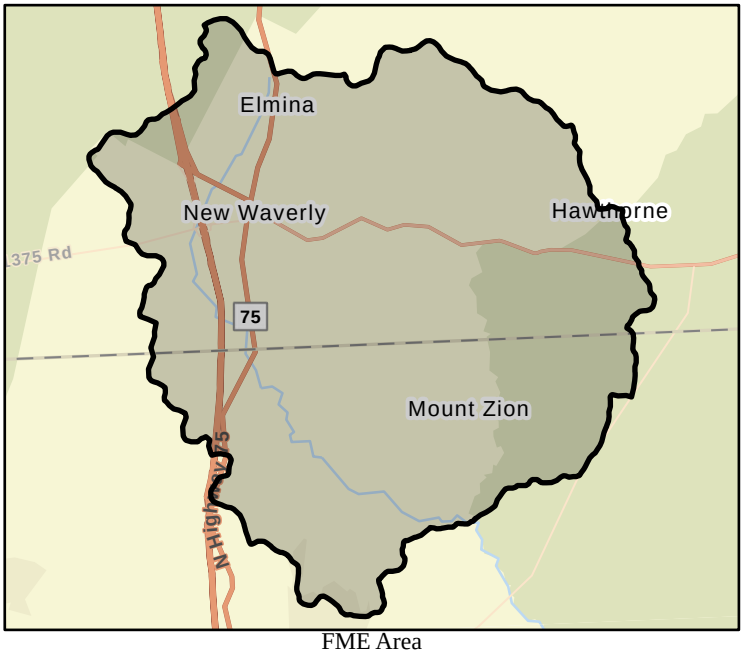
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 43.88 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	152	Structures at Risk	170	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,467.27	Impacted Roadway Miles	10.4
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	124



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of La Maque - East Side Storm water detention

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000087 Sponsor Entity ID: 06-01-0000003146

Sponsor name: La Marque (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $436,000

FME Description: Feasibility study and a drainage analysis of the new pond row acquisition and associated conveyance improvements on a part of 10 acres of land.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

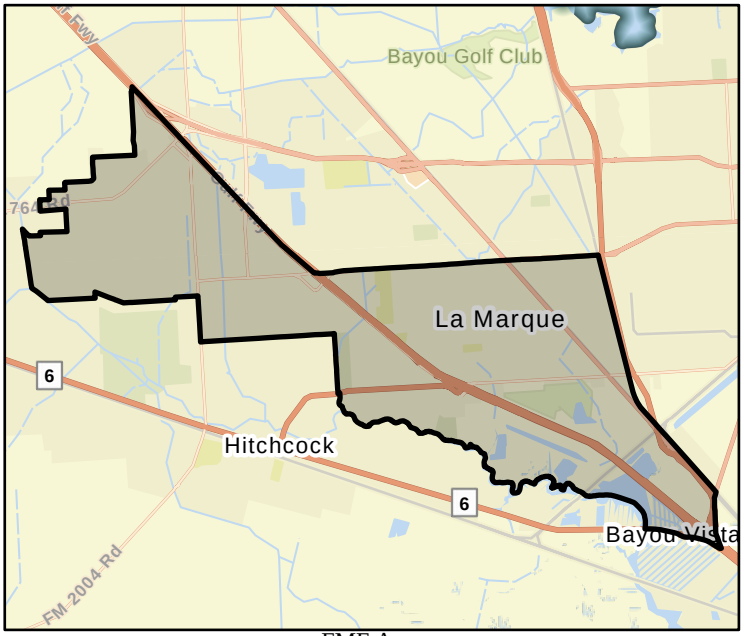
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 14.28 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,426	Structures at Risk	2,718	Critical Facilities at Risk	25
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	811.02	Impacted Roadway Miles	65.67
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	2,315



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Sante Fe - Storm Water Detention & Widening Drainage System and Culverts Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000094 Sponsor Entity ID: 06-01-0000003149

Sponsor name: Santa Fe (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $363,000

FME Description: Study to plan for storm sewer detention and drainage system modifications.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

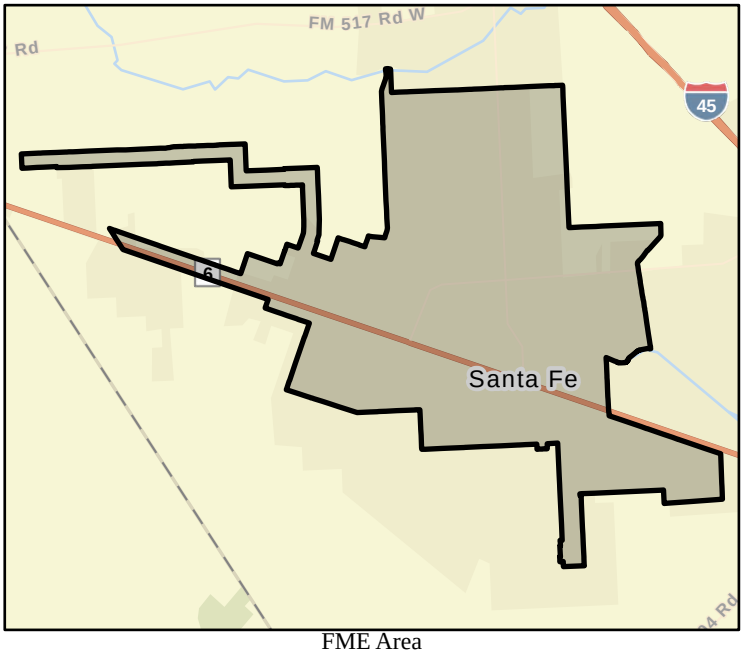
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 17.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,353	Structures at Risk	2,282	Critical Facilities at Risk	13
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,195.09	Impacted Roadway Miles	26.47
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	1,888



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Study of Texas City Hurricane Flood Protection Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000098 Sponsor Entity ID: 00-01-0000000006

Sponsor name: Galveston County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,926,000

FME Description: Corp of Engineers study of the Texas City Hurricane Flood Protection Project to improve the current levee system to provide protection from category 5 storm.

County: Galveston Existing/Anticipated Models? Yes New H&H Model? No

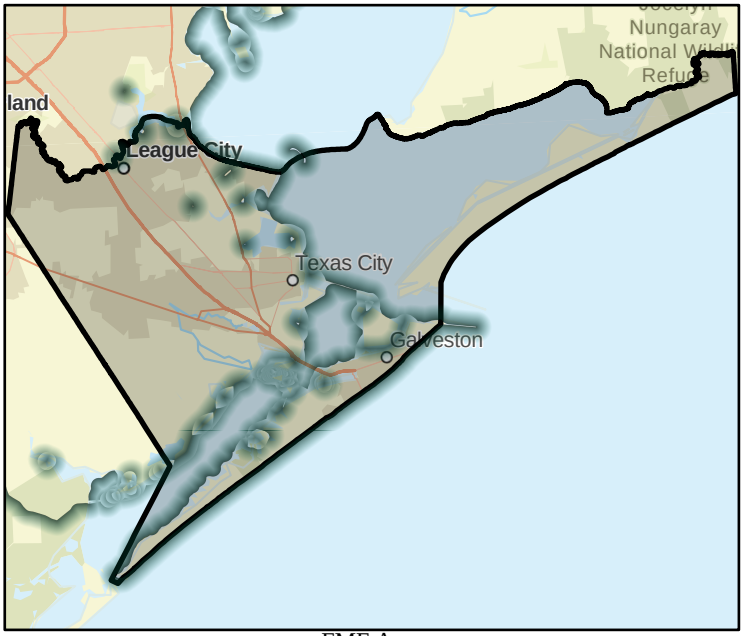
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 667.08 Assumptions/Relevant Context: N/A

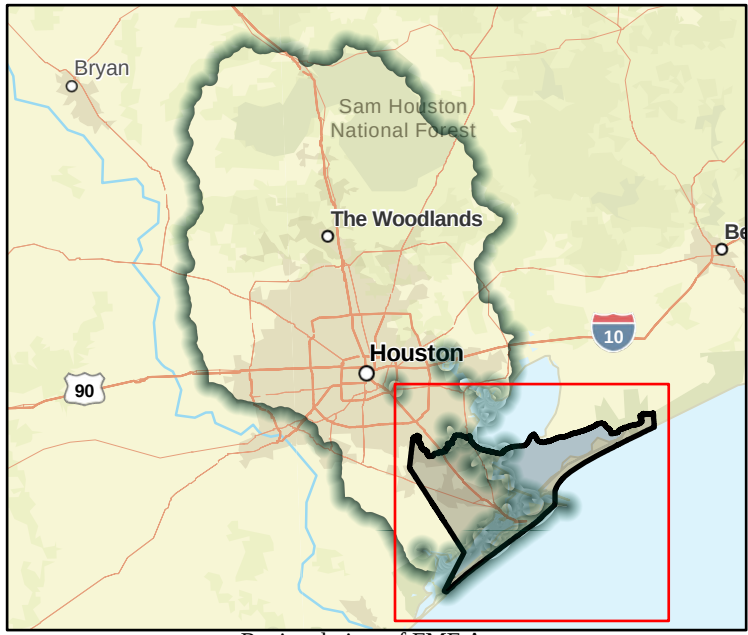
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? Yes Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	155,271	Structures at Risk	72,496	Critical Facilities at Risk	580
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	31,059.39	Impacted Roadway Miles	1,424.54
Low Water Crossings	72	Total Historical Road Closures	72	Residential at Risk	63,395



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title: Raise Road Surfaces in City of Plum Grove

FME ID: 06-51-0000000102 Sponsor Entity ID: 06-01-0000002647

Sponsor name: Plum Grove (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $42,000

FME Description: Further evaluation of road surface elevation.

County: Liberty Existing/Anticipated Models? No New H&H Model? No

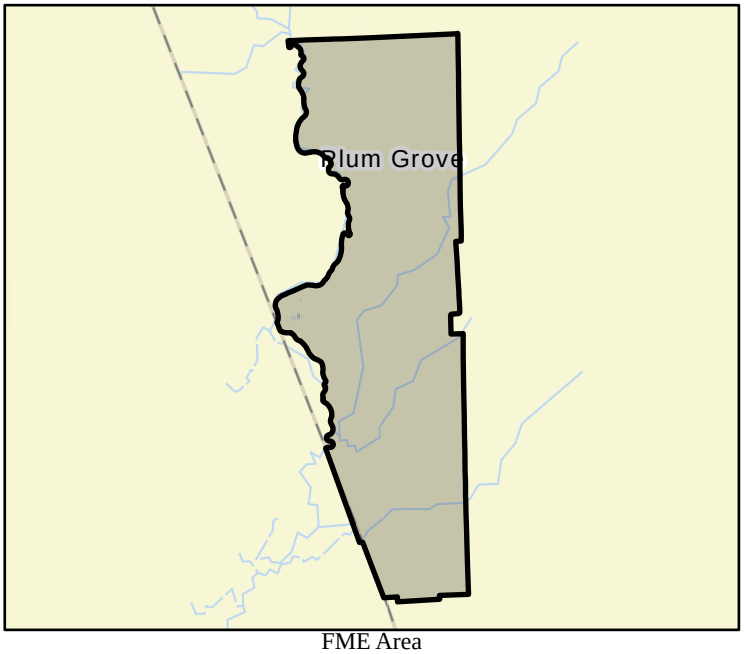
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.63 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	564	Structures at Risk	428	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	644.02	Impacted Roadway Miles	9.56
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	313



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Storm water detention ponds & Widening of drainage systems feasibility study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000107 Sponsor Entity ID: 00-01-0000000006

Sponsor name: Galveston County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $13,323,000

FME Description: Study of area to identify problem areas and recommend flood mitigation alternatives that consider detention ponds & widening drainage systems.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

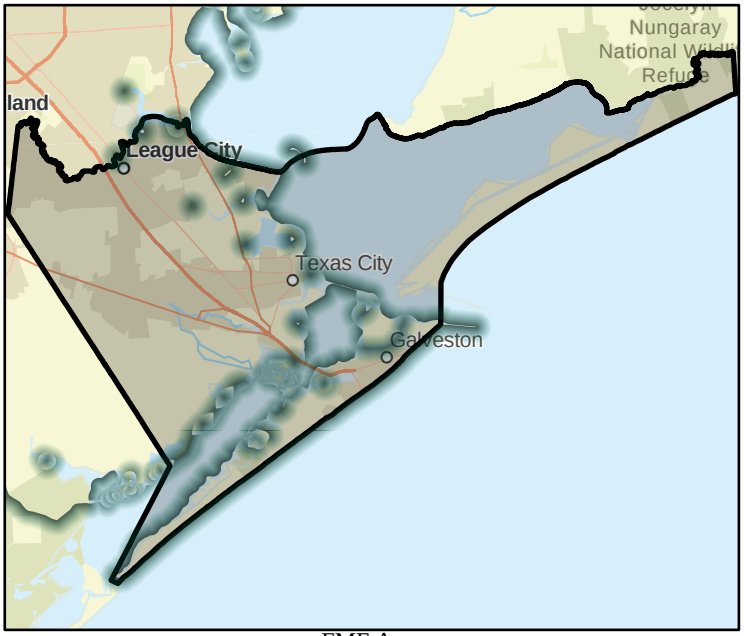
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 667.08 Assumptions/Relevant Context: N/A

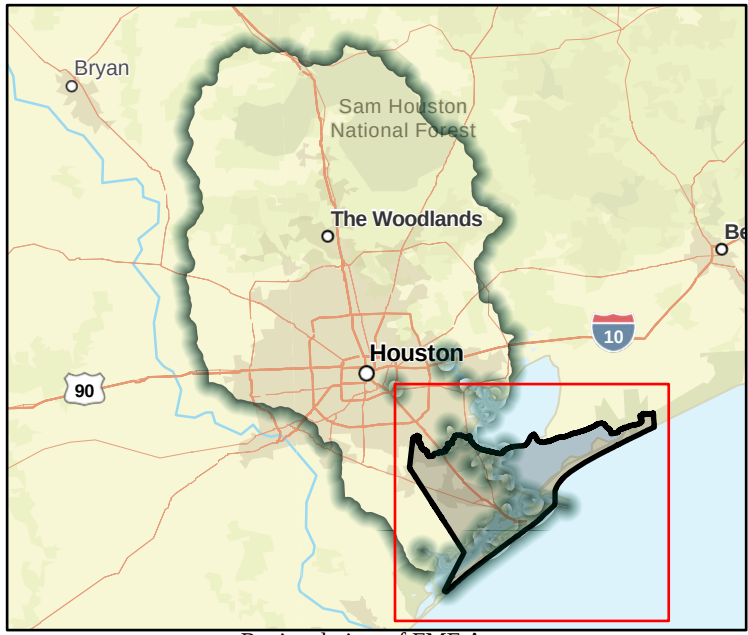
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	155,271	Structures at Risk	72,496	Critical Facilities at Risk	580
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	31,059.39	Impacted Roadway Miles	1,424.54
Low Water Crossings	72	Total Historical Road Closures	72	Residential at Risk	63,395



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Remedy Data Deficiency in City of New Waverly

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000116 Sponsor Entity ID: 06-01-0000003391

Sponsor name: New Waverly (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $121,000

FME Description: Conduct a proper risk assessment of the dams residents suspect are causing upstream flooding, and determine all potential inundation areas.

County: Walker Existing/Anticipated Models? No New H&H Model? No

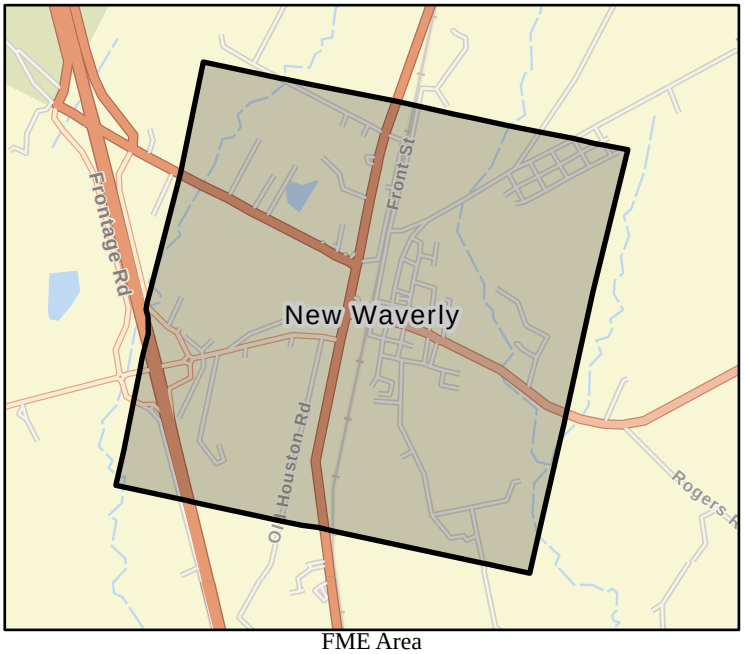
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.22 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	26	Structures at Risk	29	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	80.73	Impacted Roadway Miles	1.43
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	21



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Shellside Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000119 Sponsor Entity ID: 06-01-0000003147

Sponsor name: League City (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $703,000

FME Description: Further study of proposed drainage improvements to Shellside.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

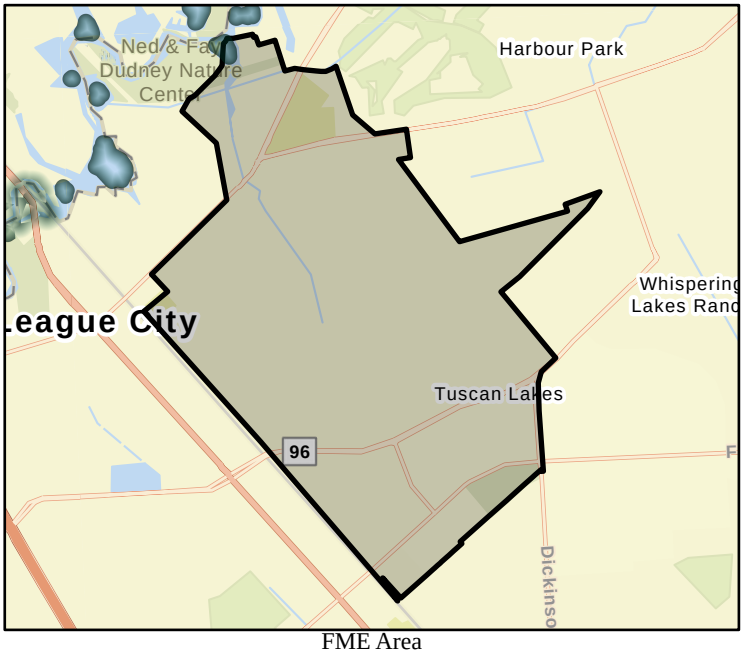
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 5.62 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,552	Structures at Risk	1,448	Critical Facilities at Risk	19
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	216.95	Impacted Roadway Miles	47.76
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	1,308



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Evaluation of Culvert Enlargement and Bridge Elevation in Grimes County

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000120 Sponsor Entity ID: 00-01-0000000044

Sponsor name: Grimes County (County)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Project Planning Est. FME Cost: $606,000

FME Description: Study to identify flood-prone areas and mitigate the flooding problem by enlarging culverts under roads and bridges.

County: Grimes Existing/Anticipated Models? No New H&H Model? No

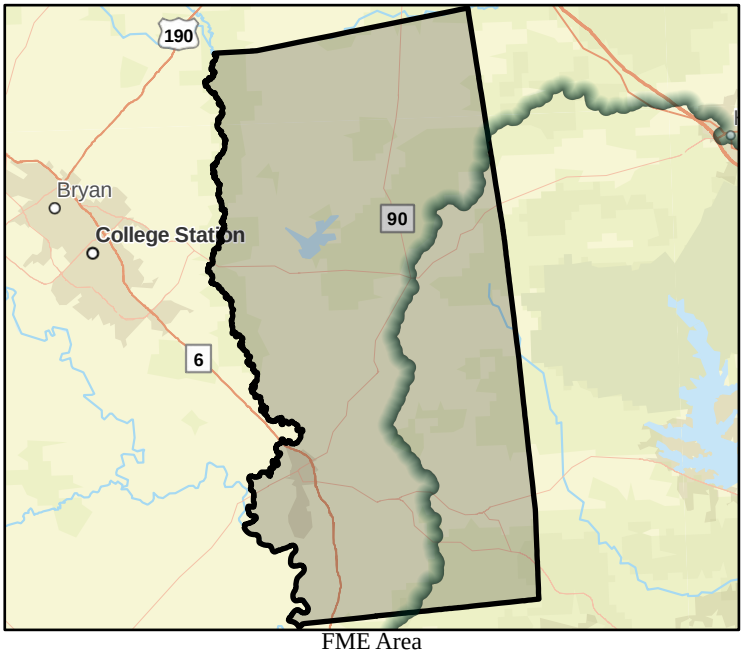
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 802.15 Assumptions/Relevant Context: N/A

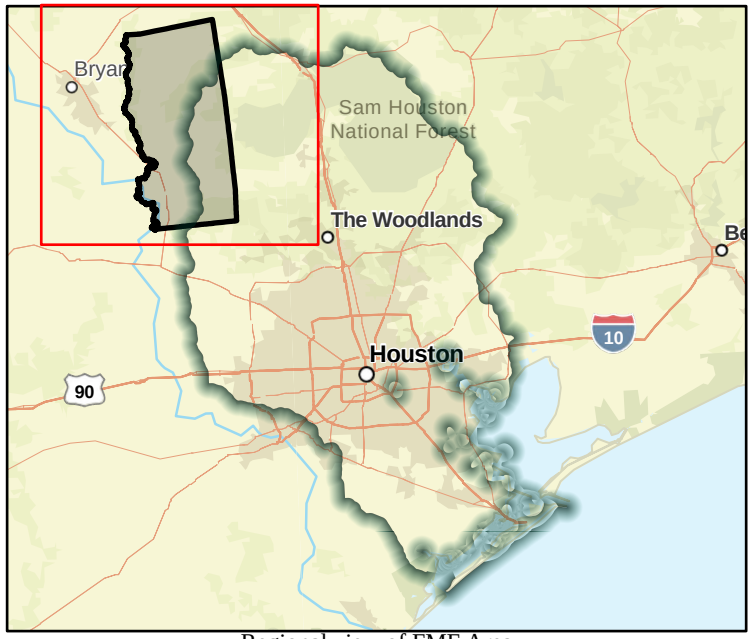
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	390	Structures at Risk	501	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	12,765.33	Impacted Roadway Miles	24.16
Low Water Crossings	11	Total Historical Road Closures	11	Residential at Risk	314



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Widen Drainage Systems and Culverts in City of Kemah

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000121 Sponsor Entity ID: 06-01-0000003396

Sponsor name: Kemah (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $121,000

FME Description: Further study to widen drainage systems and increase culvert size to accommodate increased water flows. Coordinate efforts with water district.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

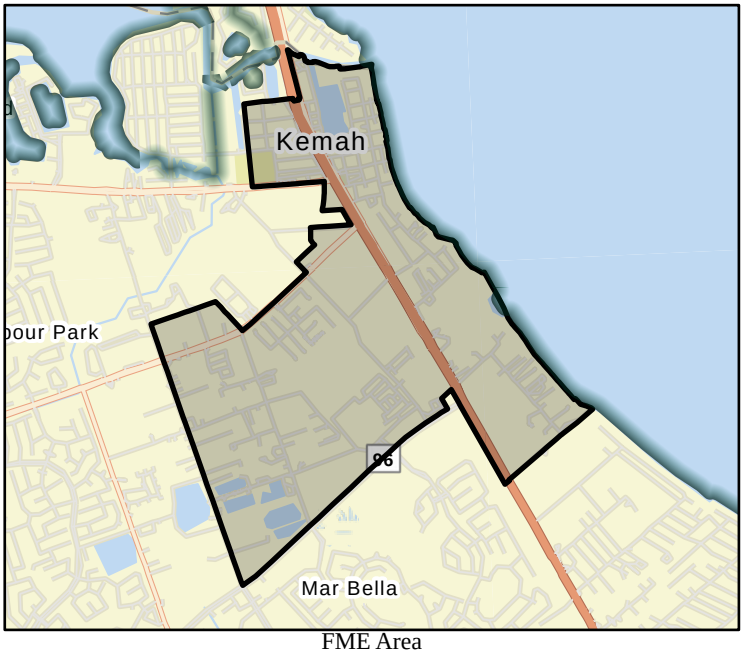
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.91 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,935	Structures at Risk	670	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	20.49	Impacted Roadway Miles	12.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	475



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Replace Existing Culverts in City of Arcola

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000124 Sponsor Entity ID: 00-01-0000002557

Sponsor name: Arcola (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Evaluation of proposed culvert replacement.

County: Fort Bend Existing/Anticipated Models? No New H&H Model? No

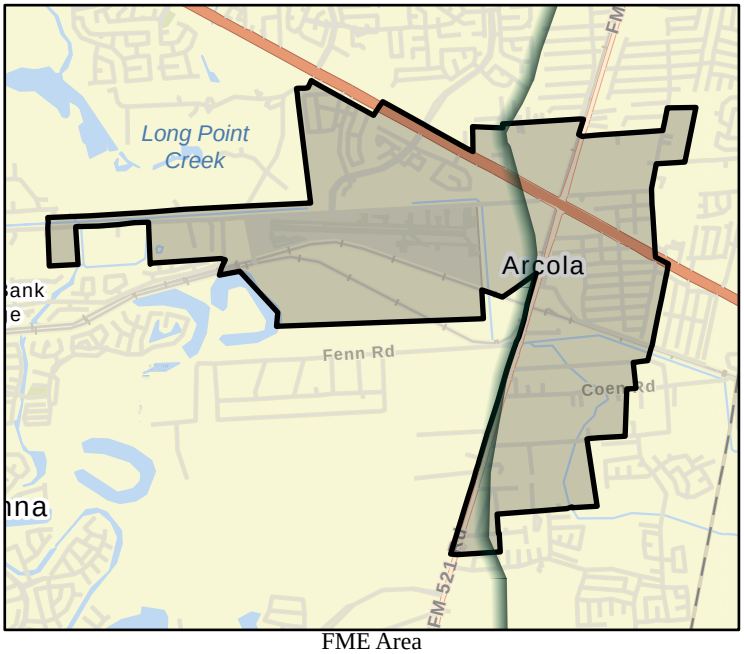
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.61 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	239	Structures at Risk	213	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	93.66	Impacted Roadway Miles	1
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	177



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Update Liberty County Floodplain Maps

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000125 Sponsor Entity ID: 00-01-0000000033

Sponsor name: Liberty County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,506,000

FME Description: Study by participating jurisdictions to update floodway maps throughout the county, including Atlas 14 rainfalls.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

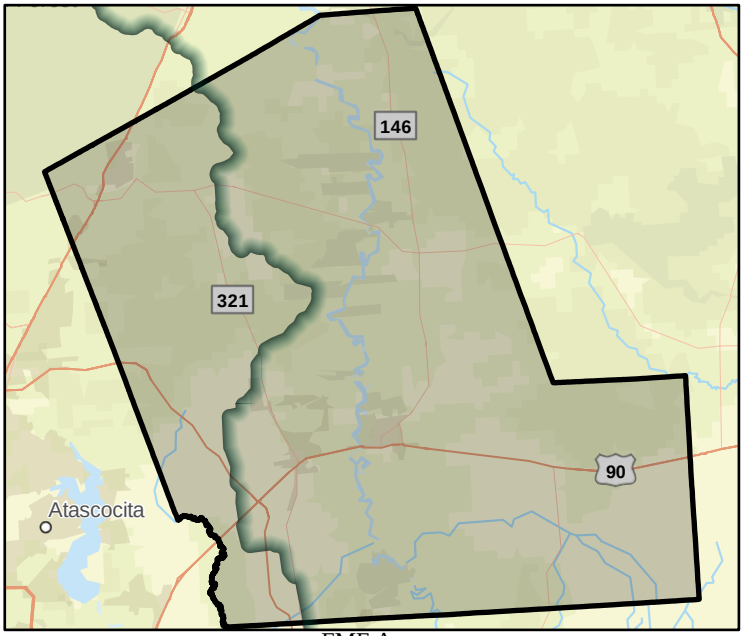
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,174.3 Assumptions/Relevant Context: N/A

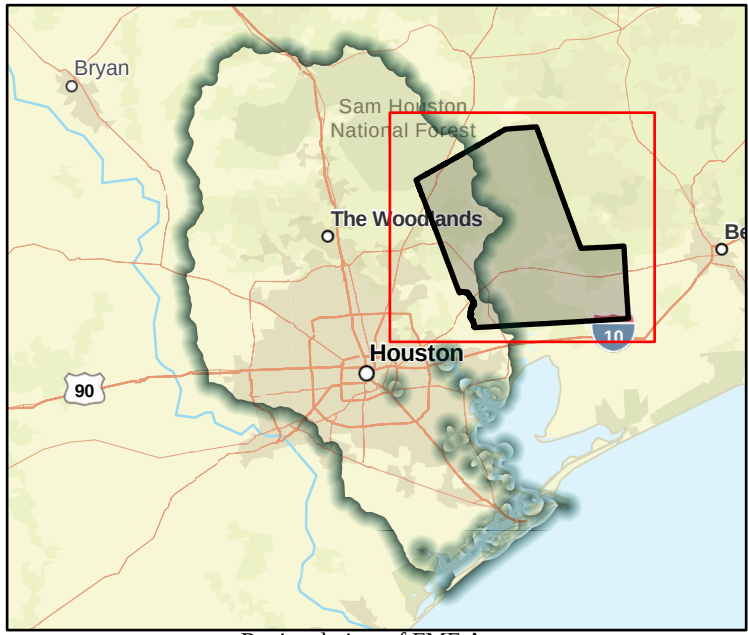
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	9,817	Structures at Risk	8,635	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,651.91	Impacted Roadway Miles	360.77
Low Water Crossings	18	Total Historical Road Closures	18	Residential at Risk	5,412



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Waller County Flood Damage Prevention Planning

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000129 Sponsor Entity ID: 00-01-0000000024

Sponsor name: Waller County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,405,000

FME Description: Establish watershed-based planning and studies to address flood hazards with neighboring and constituent communities.

County: Waller Existing/Anticipated Models? No New H&H Model? No

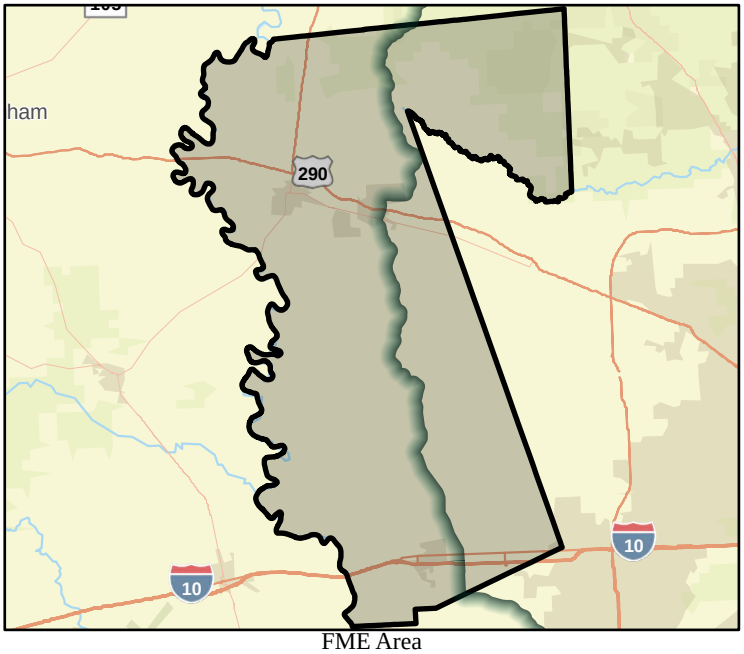
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 517.9 Assumptions/Relevant Context: N/A

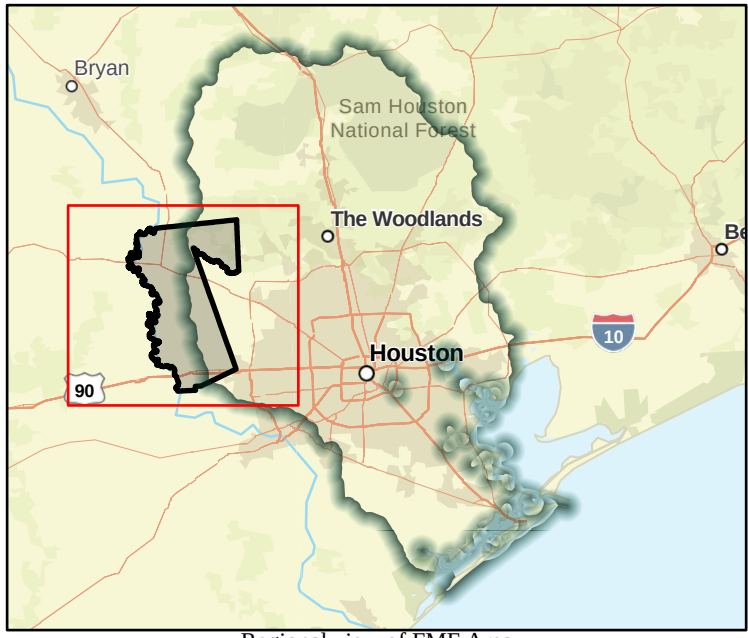
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,853	Structures at Risk	4,037	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,700.12	Impacted Roadway Miles	134.68
Low Water Crossings	17	Total Historical Road Closures	17	Residential at Risk	2,948



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Hostetter and Gourd Creek Bridges Elevation Evaluation

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000130 Sponsor Entity ID: 00-01-0000000053

Sponsor name: Walker County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $157,000

FME Description: Further study to elevate and install culverts on Hostetter and Gourd Creek roadways to prevent flooding and/or flood damage on roadway.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

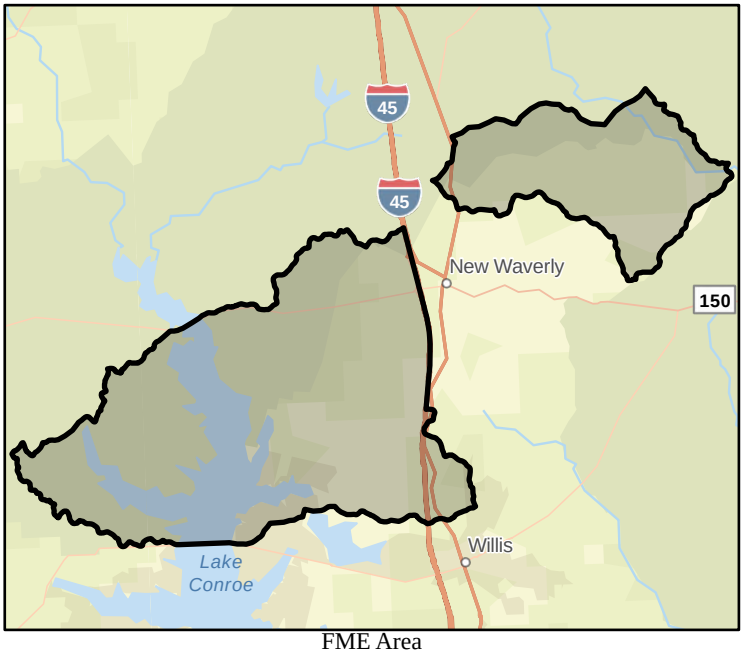
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 87.1 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,088	Structures at Risk	1,400	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,533.78	Impacted Roadway Miles	18.3
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	1,181



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Implementation Study of Storm Sewer System Re-engineering in City of Kemah

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000131 Sponsor Entity ID: 06-01-0000003396

Sponsor name: Kemah (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study of storm sewer system re-engineering and follow-up construction project to mitigate flood related impacts.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

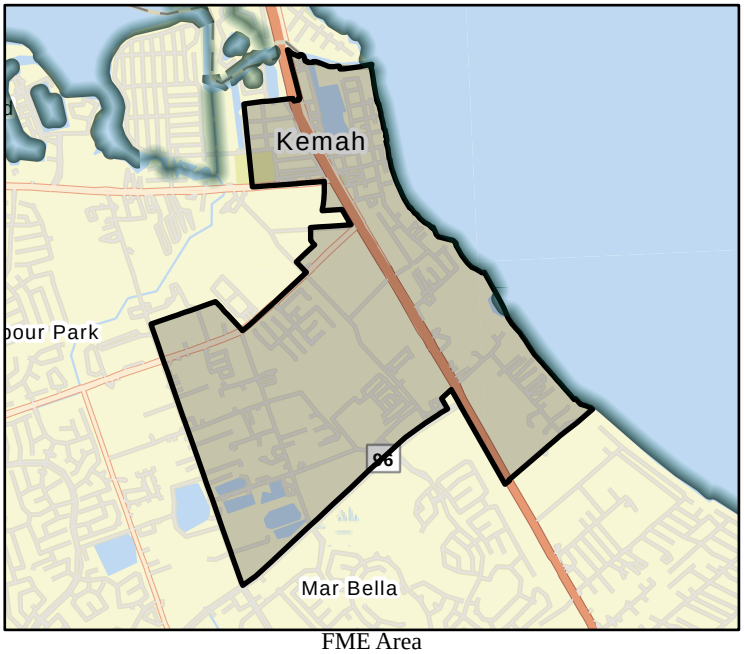
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.91 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,935	Structures at Risk	670	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	20.49	Impacted Roadway Miles	12.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	475



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Corp of Engineers study of the Galveston County Water Reservoir Dam and Levee system

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000134 Sponsor Entity ID: 00-01-0000000006

Sponsor name: Galveston County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,926,000

FME Description: Review findings of potential breach to dam/levee system and develop/implement mitigation actions as applicable.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

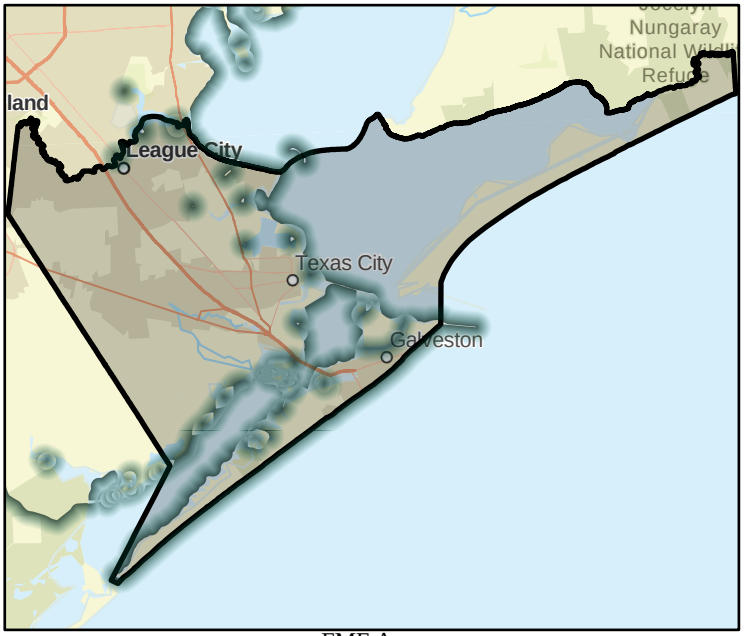
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 667.08 Assumptions/Relevant Context: N/A

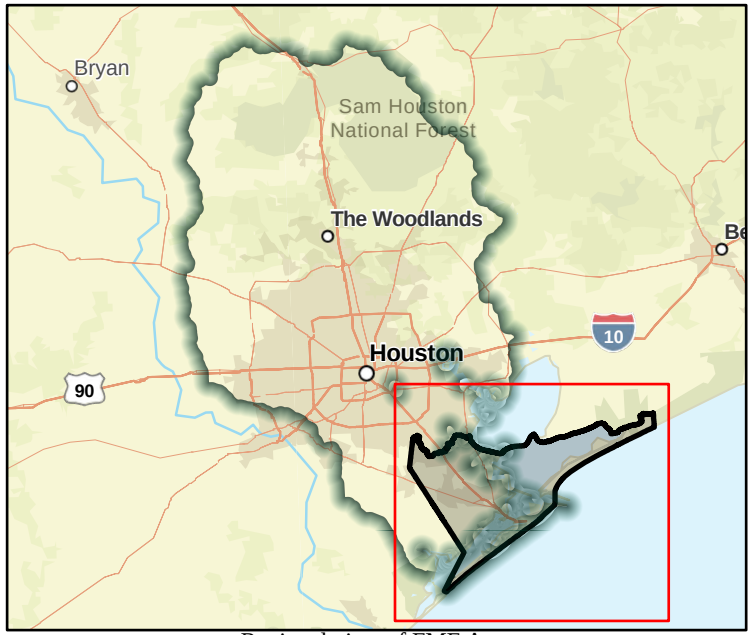
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	155,271	Structures at Risk	72,496	Critical Facilities at Risk	580
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	31,059.39	Impacted Roadway Miles	1,424.54
Low Water Crossings	72	Total Historical Road Closures	72	Residential at Risk	63,395



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Recanalization Feasibility Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000135 Sponsor Entity ID: 00-01-0000000033

Sponsor name: Liberty County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $589,000

FME Description: Dechannelize existing feeder creeks that flow from north to south and improve drainage for storm water runoff.

County: Liberty Existing/Anticipated Models? No New H&H Model? No

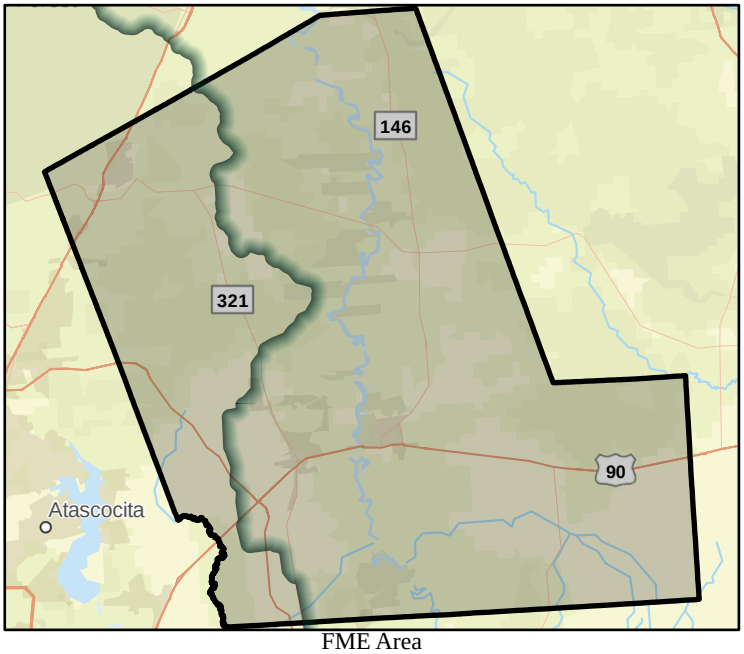
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,174.3 Assumptions/Relevant Context: N/A

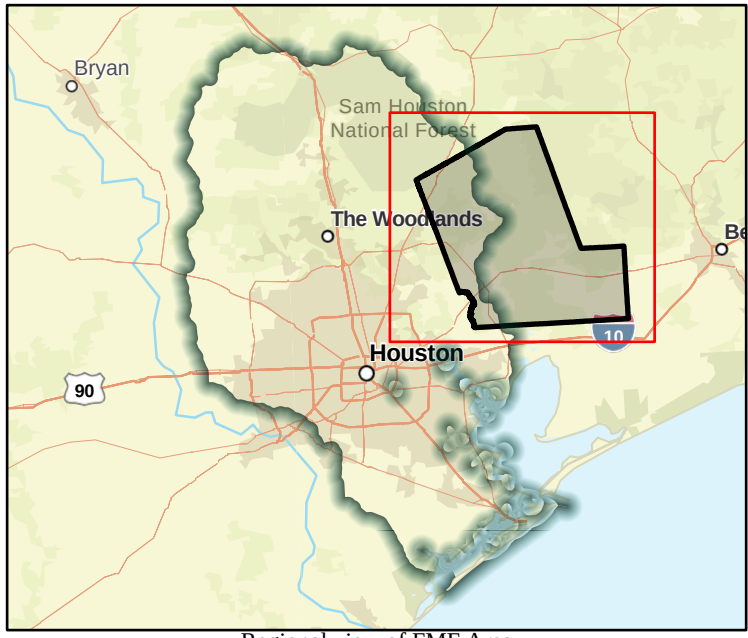
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	9,817	Structures at Risk	8,635	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,651.91	Impacted Roadway Miles	360.77
Low Water Crossings	18	Total Historical Road Closures	18	Residential at Risk	5,412



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Elevate Existing Bridge - East Fork San Jacinto River

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000140 Sponsor Entity ID: 06-01-0000002646

Sponsor name: North Cleveland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,211,000

FME Description: Evaluate, Design and construct new bridge over east fork San Jacinto river on low water bridge road to reduce flooding.

County: Liberty Existing/Anticipated Models? No New H&H Model? No

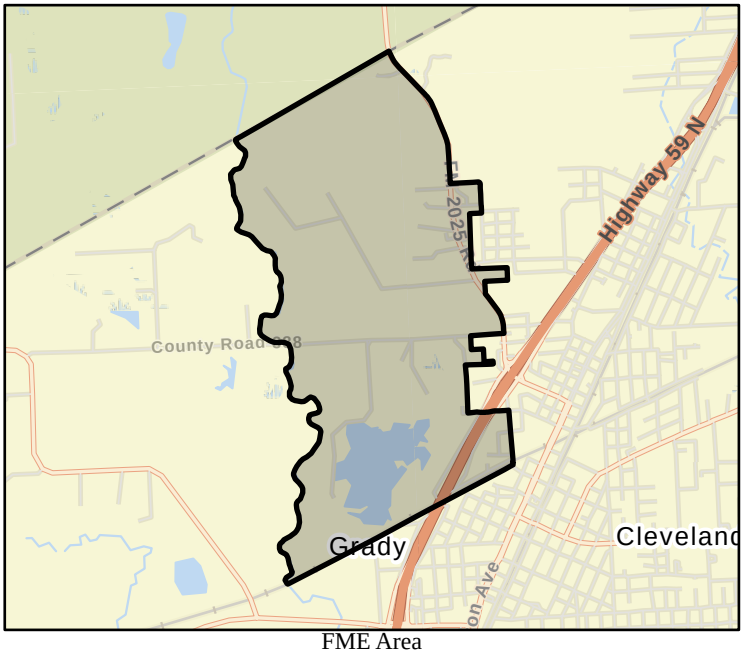
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.92 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47	Structures at Risk	59	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	160.36	Impacted Roadway Miles	3.72
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	42



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Southwood Forest Subdivision and Forgotten Forest Subdivision Evaluation

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000141 Sponsor Entity ID: 00-01-0000000053

Sponsor name: Walker County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $133,000

FME Description: Study to develop a community-wide drainage system in Southwood Forest Subdivision and Forgotten Forest Subdivision.

County: Walker Existing/Anticipated Models? No New H&H Model? No

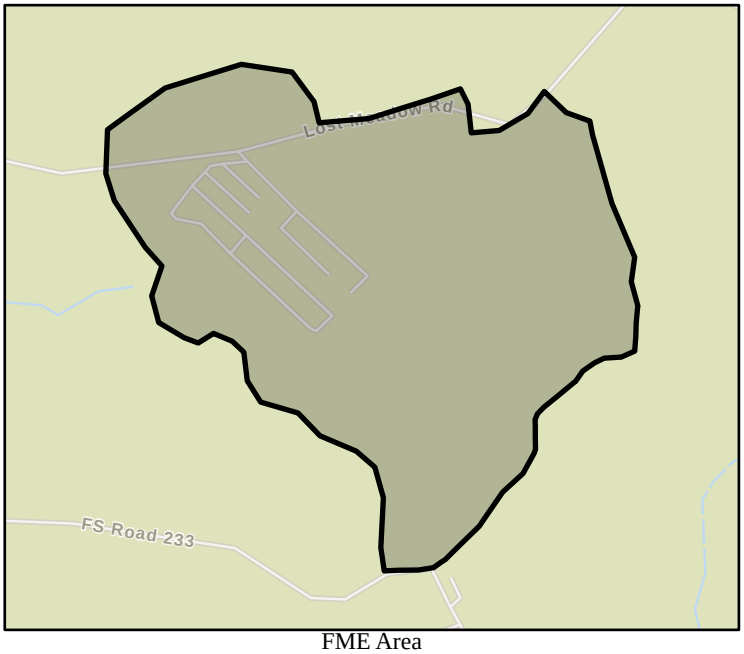
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.93 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5	Structures at Risk	15	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.85	Impacted Roadway Miles	0.01
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	15



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Todd Mission Reduction of Floodplain Area Roads and Drainage Upgrade

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000143 Sponsor Entity ID: 06-01-0000003415

Sponsor name: Todd Mission (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $266,000

FME Description: Analysis of potential upgrades to be made to floodplain-area roads and drainage to reduce flood risk.

County: Grimes Existing/Anticipated Models? No New H&H Model? No

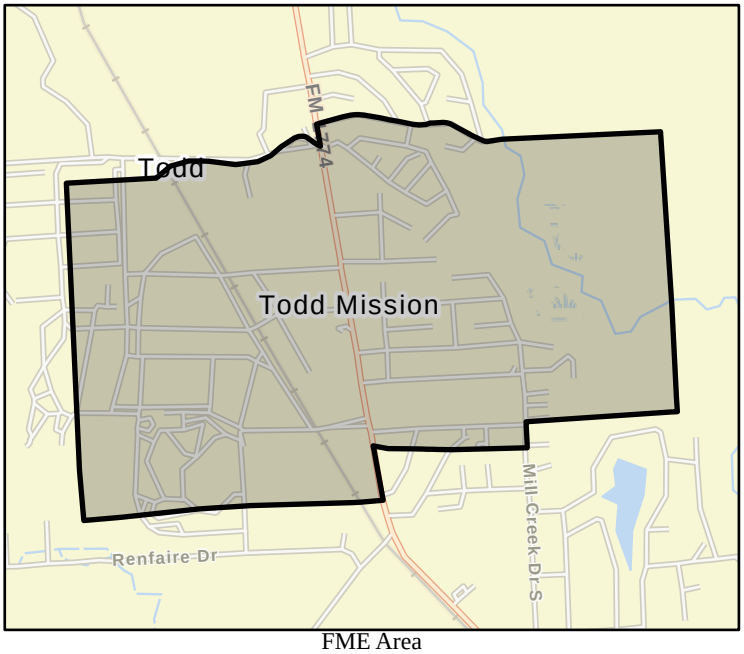
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.01 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	11	Structures at Risk	26	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	95.29	Impacted Roadway Miles	0.06
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	10



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Jamica Cove Rd. Survey

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000145 Sponsor Entity ID: 06-01-0000002810

Sponsor name: Jamaica Beach (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $170,000

FME Description: Engineering assessment needed to determine if elevating the road would reduce future flooding impacts.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

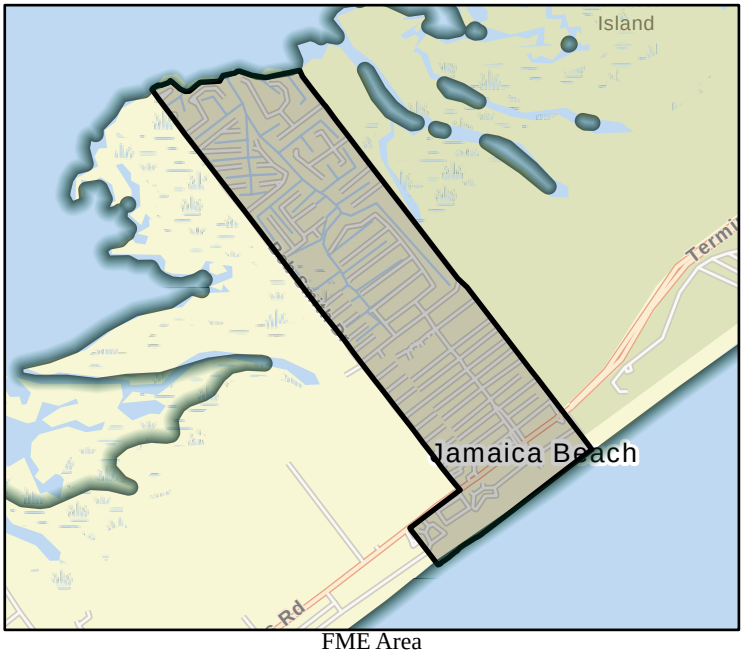
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	273	Structures at Risk	1,273	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0.03	Impacted Roadway Miles	13.77
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,235



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Implement Drainage Improvements in City of La Marque

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000147 Sponsor Entity ID: 06-01-0000003146

Sponsor name: La Marque (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $436,000

FME Description: Implement drainage projects that support low maintenance and cleaning of drainage ditches.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

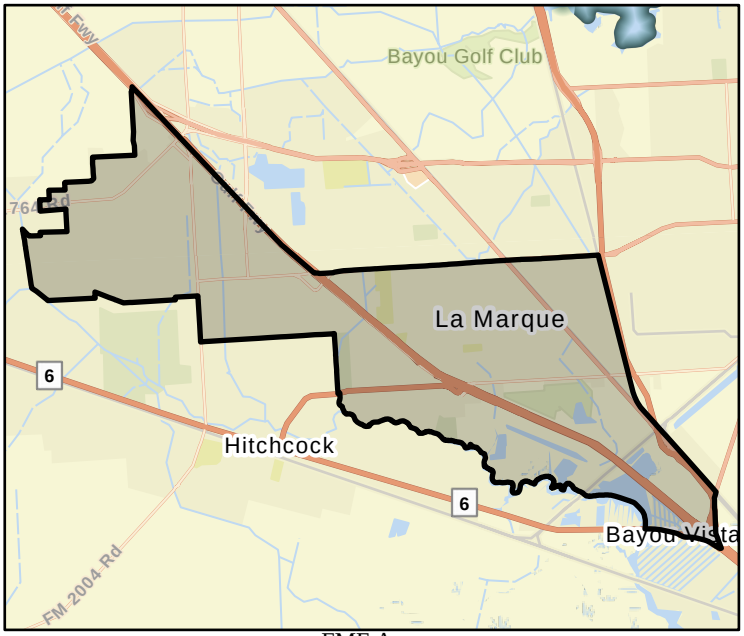
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 14.28 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,426	Structures at Risk	2,718	Critical Facilities at Risk	25
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	811.02	Impacted Roadway Miles	65.67
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	2,315



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Liberty County Culvert Replacement Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000148 Sponsor Entity ID: 00-01-0000000033

Sponsor name: Liberty County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Increase culvert size in identified flood hazard problem areas within Liberty County.

County: Liberty Existing/Anticipated Models? No New H&H Model? No

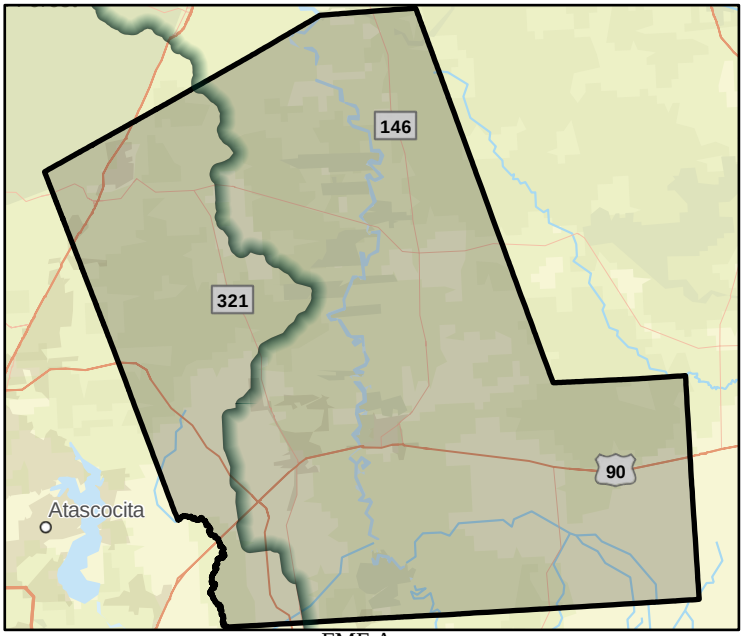
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,174.3 Assumptions/Relevant Context: N/A

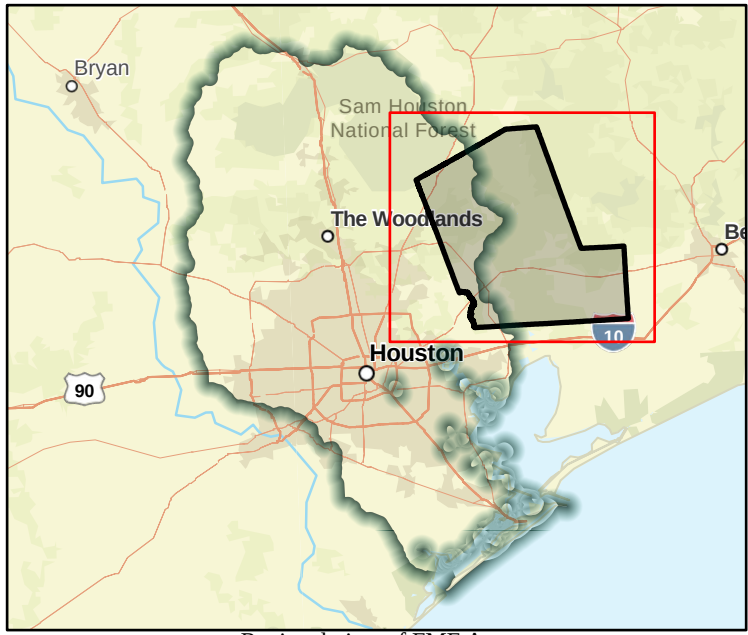
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	9,817	Structures at Risk	8,635	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,651.91	Impacted Roadway Miles	360.77
Low Water Crossings	18	Total Historical Road Closures	18	Residential at Risk	5,412



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Evaluating of Increase Height of Existing Levee Wall System in City of La Marque

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000149 Sponsor Entity ID: 06-01-0000003146

Sponsor name: La Marque (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $981,000

FME Description: Increase height of existing Levee wall system to withstand a Category 5 storm surge.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

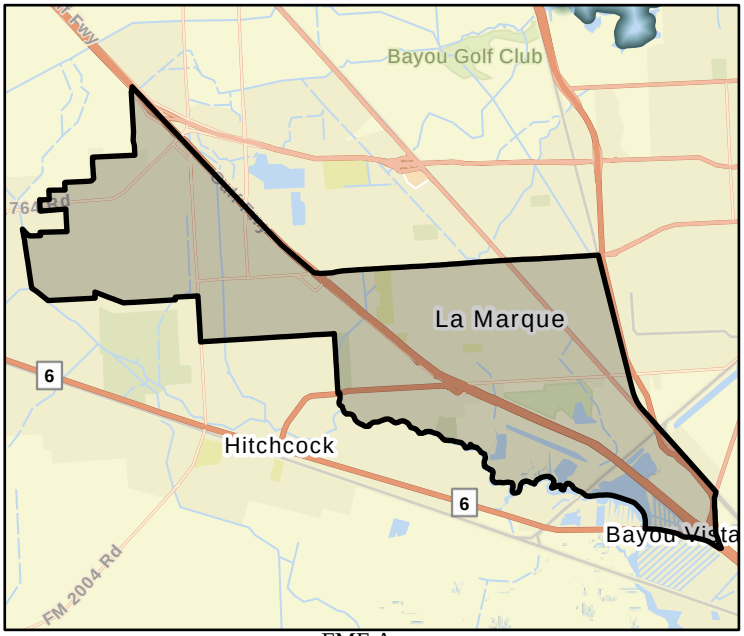
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 14.28 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? Yes Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,426	Structures at Risk	2,718	Critical Facilities at Risk	25
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	811.02	Impacted Roadway Miles	65.67
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	2,315



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Evaluation of Reinforcement of Critical Facilities in the City of Arcola

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000150 Sponsor Entity ID: 00-01-0000002557

Sponsor name: Arcola (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Reinforcement of critical facilities to withstand high winds from severe weather.

County: Fort Bend Existing/Anticipated Models? No New H&H Model? No

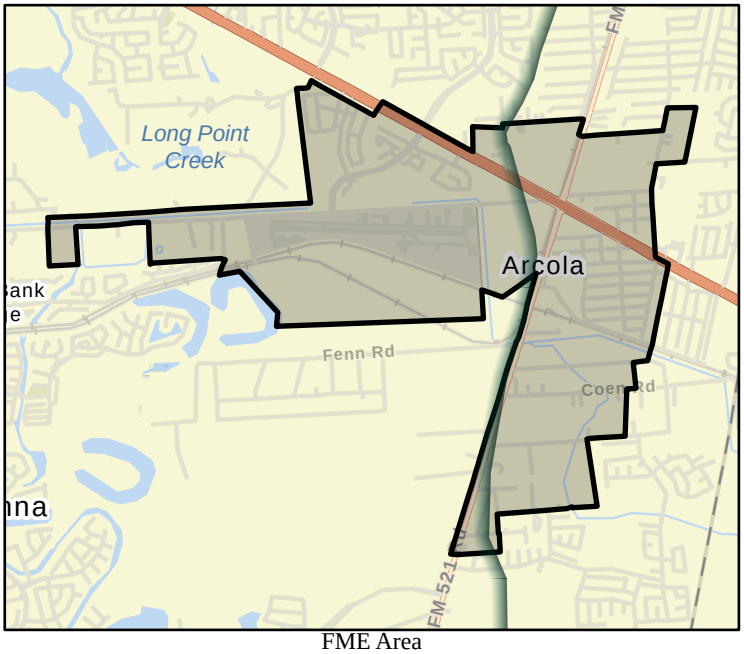
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.61 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	239	Structures at Risk	213	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	93.66	Impacted Roadway Miles	1
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	177



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Evaluation of Mitigation Alternatives for Repetitive Flood Claims Properties in Galveston County

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000151 Sponsor Entity ID: 00-01-0000000006

Sponsor name: Galveston County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $13,323,000

FME Description: Evaluate Mitigation Alternatives of Repetitive Flood Claim Properties in Galveston County.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

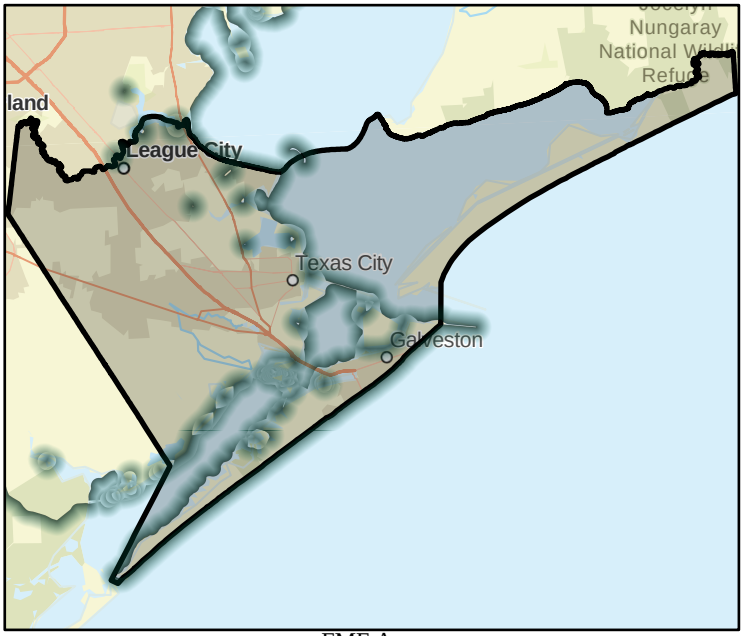
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 667.08 Assumptions/Relevant Context: N/A

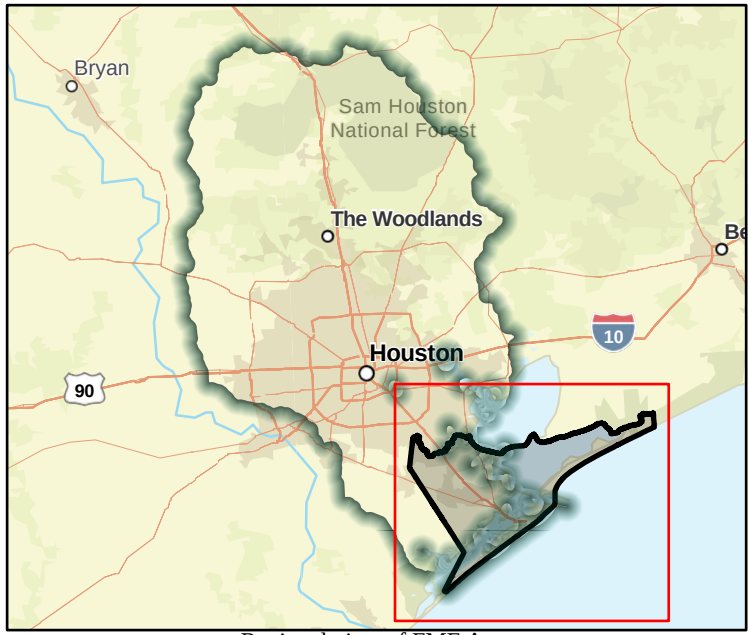
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	155,271	Structures at Risk	72,496	Critical Facilities at Risk	580
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	31,059.39	Impacted Roadway Miles	1,424.54
Low Water Crossings	72	Total Historical Road Closures	72	Residential at Risk	63,395



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cane Island Branch- Alt 1

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000152 Sponsor Entity ID: 00-01-0000000024

Sponsor name: Waller County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $218,000

FME Description: Further study of 2,800 ac-ft detention upstream of Pitts road.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

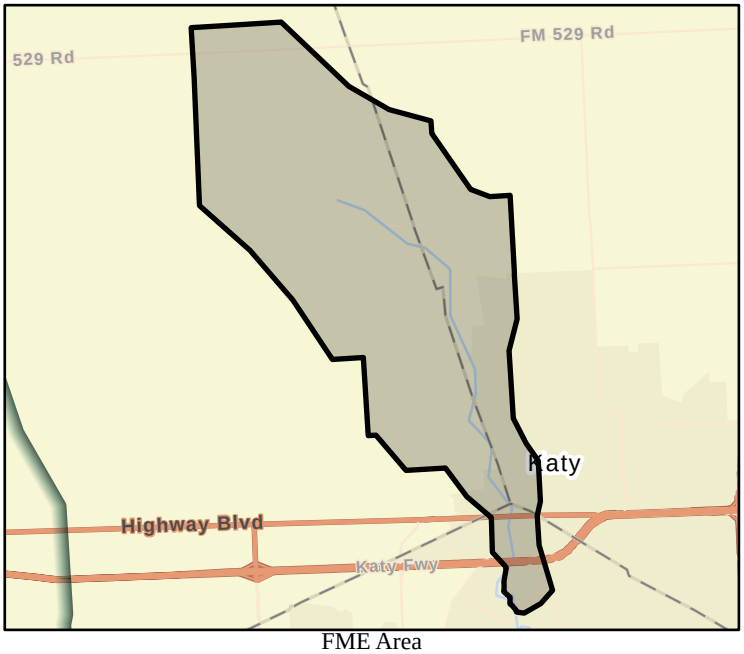
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 15.9 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,967	Structures at Risk	1,799	Critical Facilities at Risk	8
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,871.73	Impacted Roadway Miles	88.96
Low Water Crossings	4	Total Historical Road Closures	4	Residential at Risk	1,448



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Flood Gates Evaluation at Walker County Annex #2

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000156 Sponsor Entity ID: 00-01-0000000053

Sponsor name: Walker County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $24,000

FME Description: Evaluation of proposed removable facility flood gates at Walker County Annex #2

County: Walker Existing/Anticipated Models? No New H&H Model? No

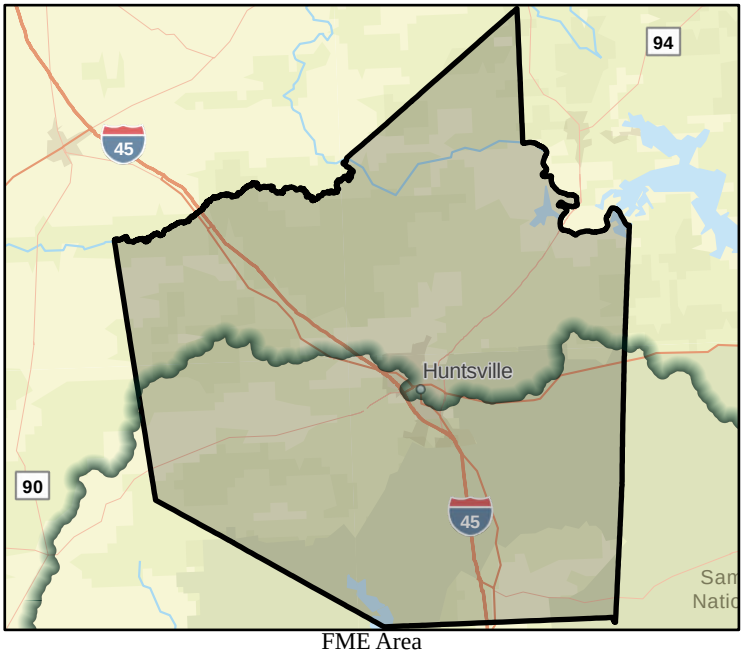
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 801.17 Assumptions/Relevant Context: N/A

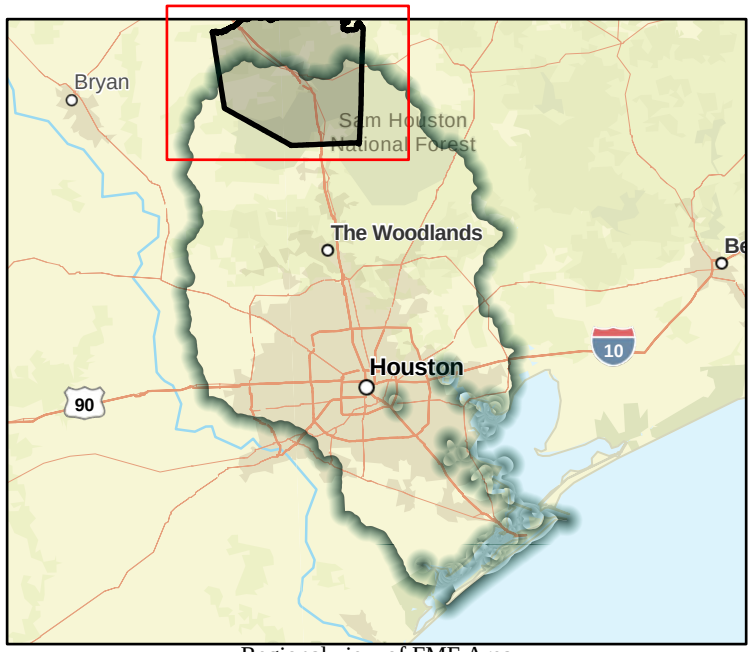
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,327	Structures at Risk	953	Critical Facilities at Risk	7
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	17,056.92	Impacted Roadway Miles	60.14
Low Water Crossings	30	Total Historical Road Closures	30	Residential at Risk	793



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bayou Vista Canal Dredging Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000158 Sponsor Entity ID: 06-01-0000002806

Sponsor name: Bayou Vista (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $157,000

FME Description: Plan for Canal Dredging to reduce sediment deposited during storm events. Study to develop and implement canal dredging program.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

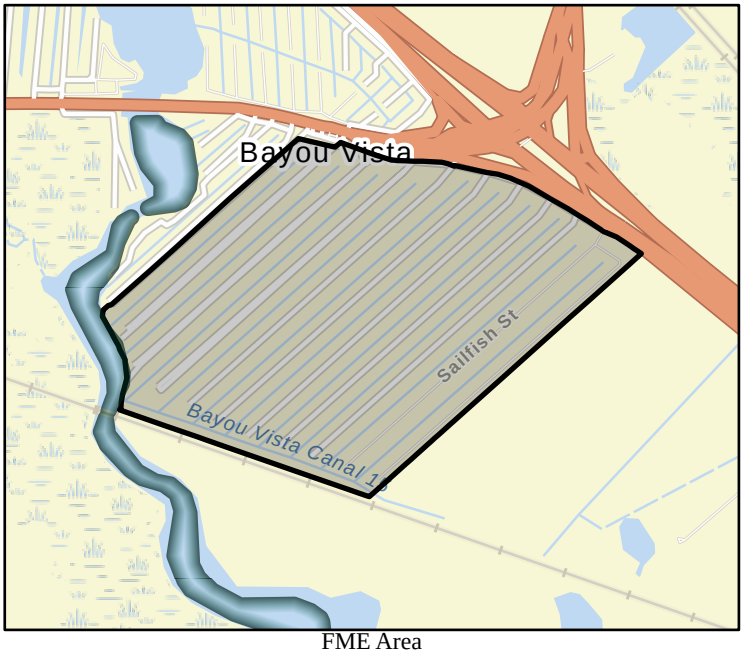
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.45 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	79	Structures at Risk	50	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	0.01
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	49



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Liberty County Regional Flood Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000160 Sponsor Entity ID: 00-01-0000000033

Sponsor name: Liberty County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $589,000

FME Description: Regional drainage study to establish a county wide drainage plan including atlas 14 rainfall.

County: Liberty Existing/Anticipated Models? No New H&H Model? No

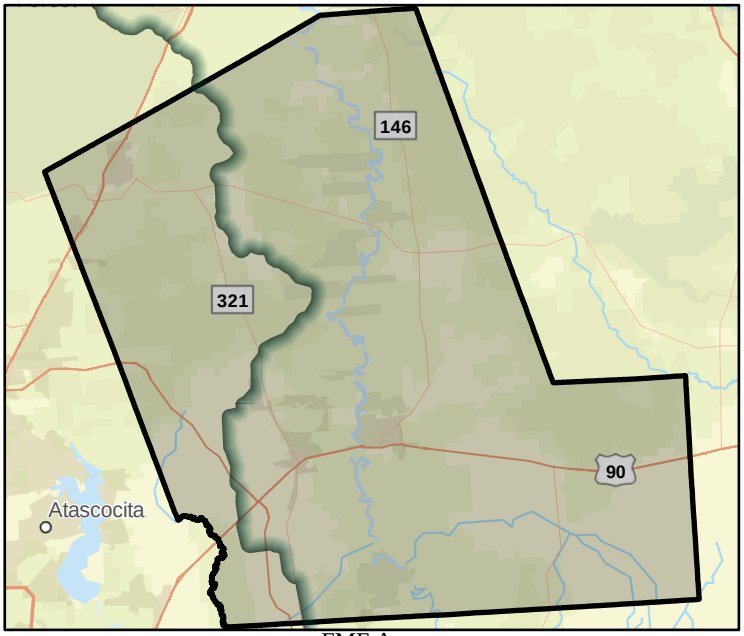
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,174.3 Assumptions/Relevant Context: N/A

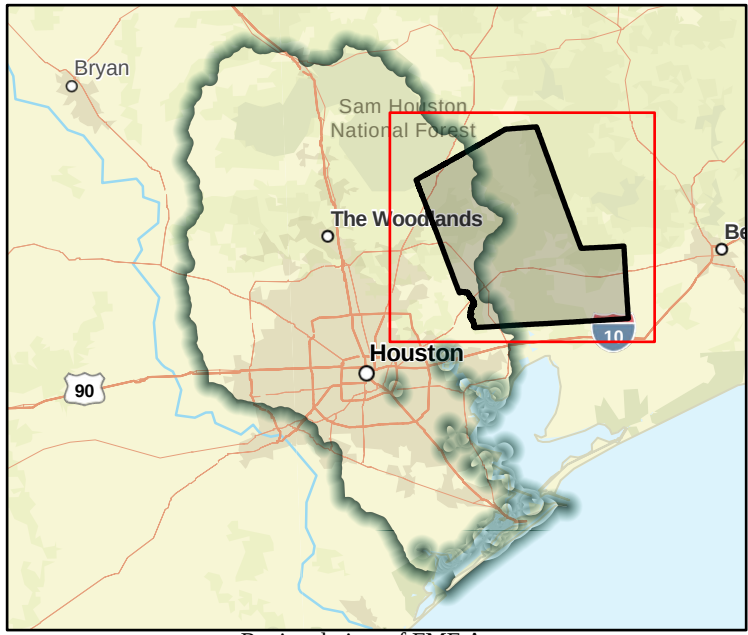
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	9,817	Structures at Risk	8,635	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,651.91	Impacted Roadway Miles	360.77
Low Water Crossings	18	Total Historical Road Closures	18	Residential at Risk	5,412



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of North Cleveland Engineering Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000161 Sponsor Entity ID: 06-01-0000002646

Sponsor name: North Cleveland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $484,000

FME Description: Study to identify drainage improvements in the City of North Cleveland.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

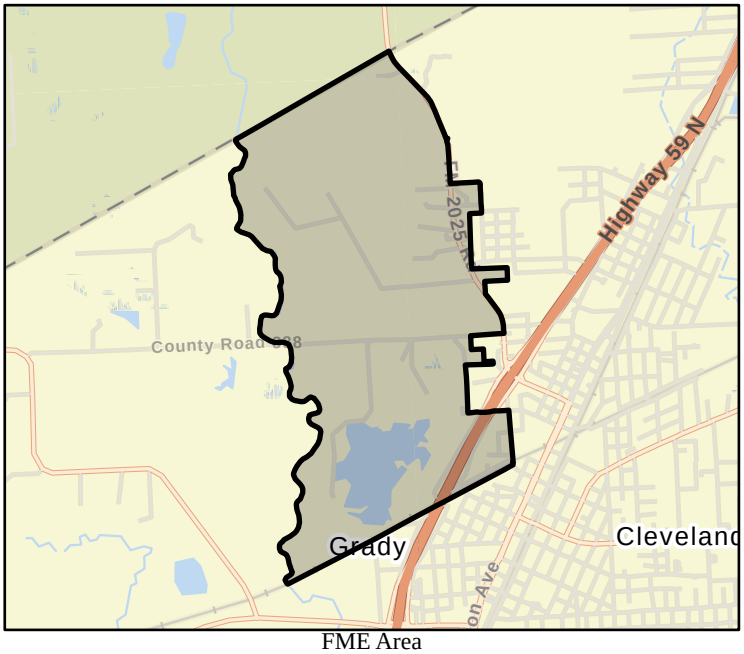
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.92 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47	Structures at Risk	59	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	160.36	Impacted Roadway Miles	3.72
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	42



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Elevation of Bridge Road in City of North Cleveland

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000162 Sponsor Entity ID: 06-01-0000002646

Sponsor name: North Cleveland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $145,000

FME Description: Further study to elevate Bridge road.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

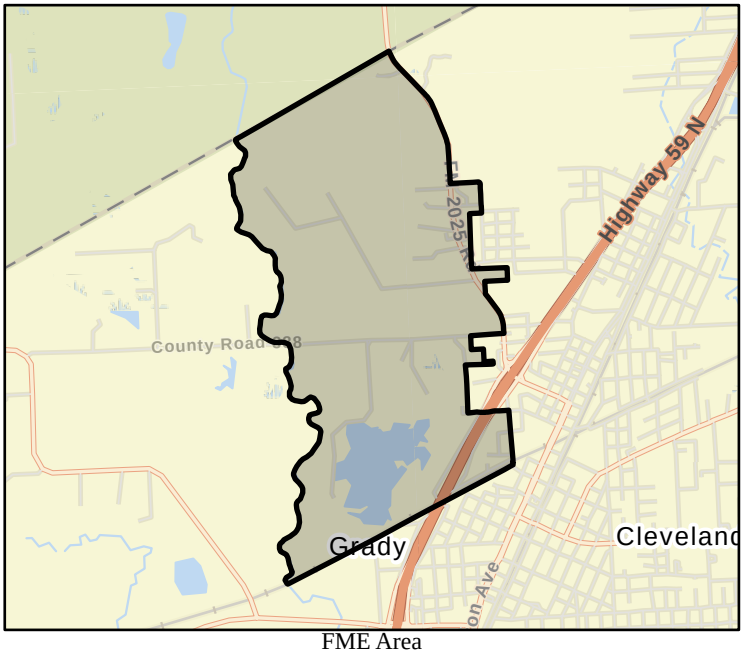
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.92 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47	Structures at Risk	59	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	160.36	Impacted Roadway Miles	3.72
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	42



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston County Drainage System Improvement Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000163 Sponsor Entity ID: 00-01-0000000006

Sponsor name: Galveston County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,926,000

FME Description: Further study to widen drainage systems and increase culvert size to accommodate increased water flows. Coordinate efforts with water district.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

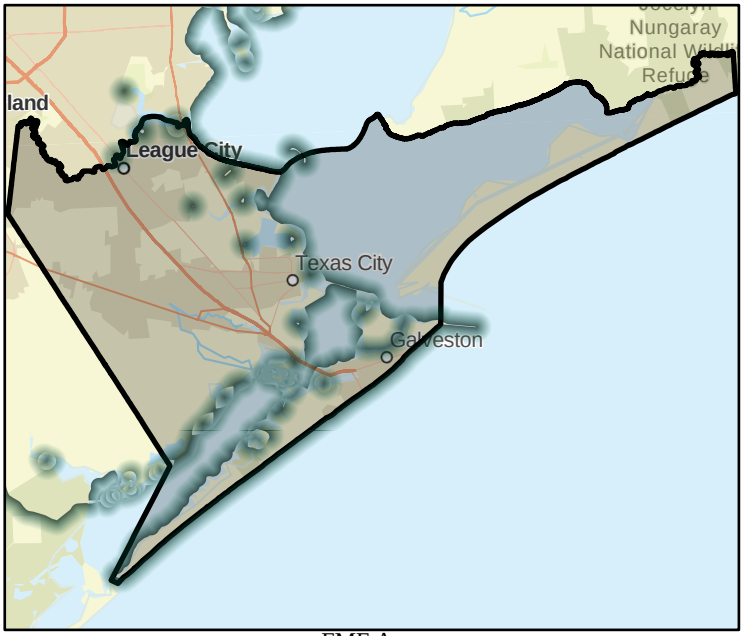
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 667.08 Assumptions/Relevant Context: N/A

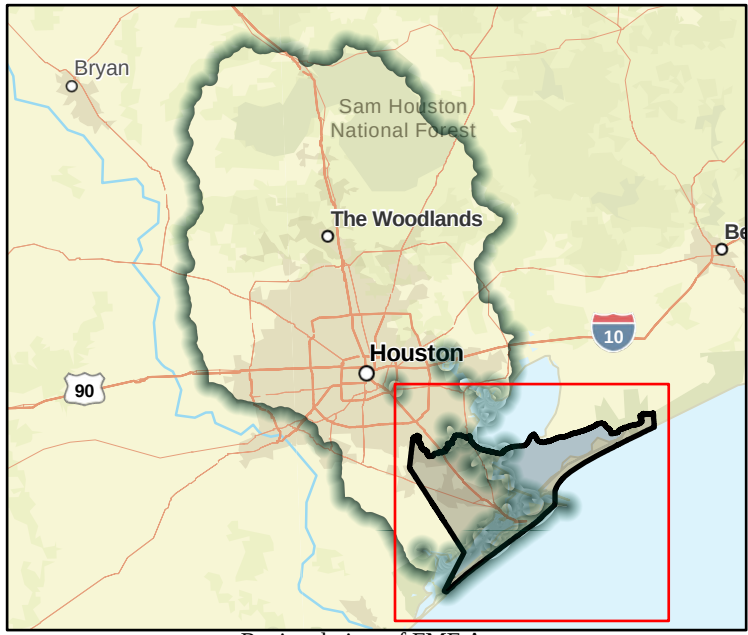
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	155,271	Structures at Risk	72,496	Critical Facilities at Risk	580
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	31,059.39	Impacted Roadway Miles	1,424.54
Low Water Crossings	72	Total Historical Road Closures	72	Residential at Risk	63,395



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Storm Water Detention Ponds Evaluation in the City of Santa Fe

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000164 Sponsor Entity ID: 06-01-0000003149

Sponsor name: Santa Fe (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $460,000

FME Description: Further study to determine detention ponds/basin could be solution for addressing flood impacts.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

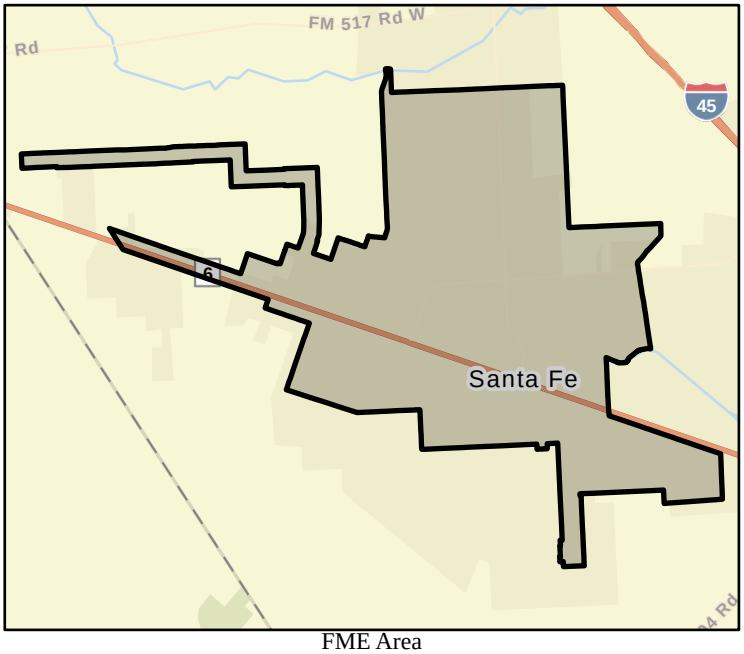
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 17.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,353	Structures at Risk	2,282	Critical Facilities at Risk	13
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,195.09	Impacted Roadway Miles	26.47
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	1,888



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Drainage System Analysis for City of Santa Fe

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000165 Sponsor Entity ID: 06-01-0000003149

Sponsor name: Santa Fe (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $363,000

FME Description: Further study to widen drainage systems and increase culvert size to accommodate increased water flows. Coordinate efforts with water district.

County: Galveston Existing/Anticipated Models? No New H&H Model? No

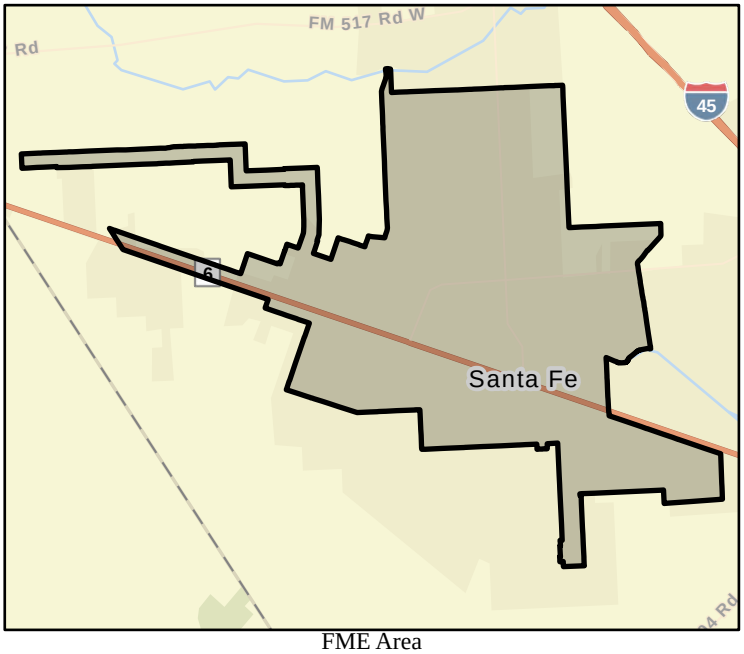
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 17.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,353	Structures at Risk	2,282	Critical Facilities at Risk	13
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,195.09	Impacted Roadway Miles	26.47
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	1,888



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Stafford Run Creek Detention Pond Construction

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000166 Sponsor Entity ID: 00-01-0000003596

Sponsor name: Stafford (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $363,000

FME Description: Further study of proposed detention ponds immediately downstream of Brand Lane and Independence Park.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

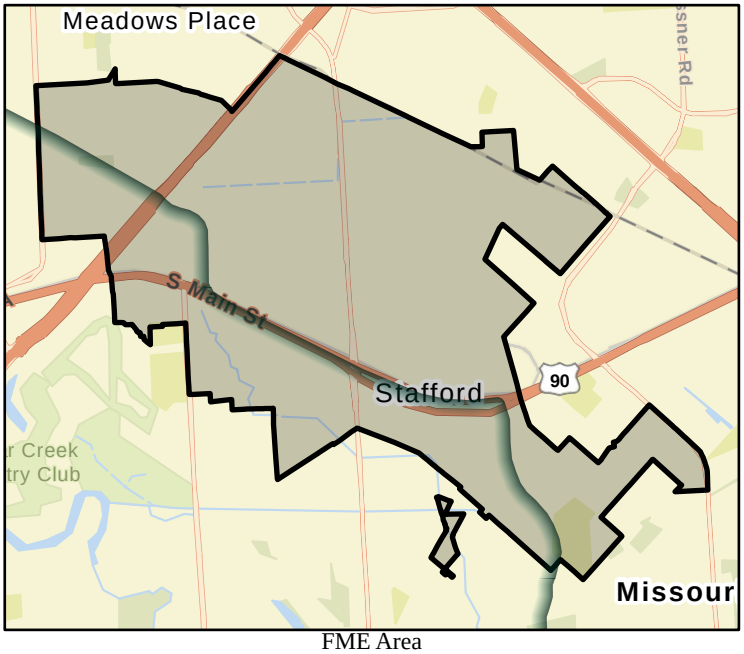
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 7.04 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	20,202	Structures at Risk	2,078	Critical Facilities at Risk	17
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	70.1	Impacted Roadway Miles	42.41
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	1,616



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Cleveland Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000167 Sponsor Entity ID: 06-01-0000002530

Sponsor name: Cleveland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $497,000

FME Description: Further study of proposed city of Cleveland drainage improvements.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

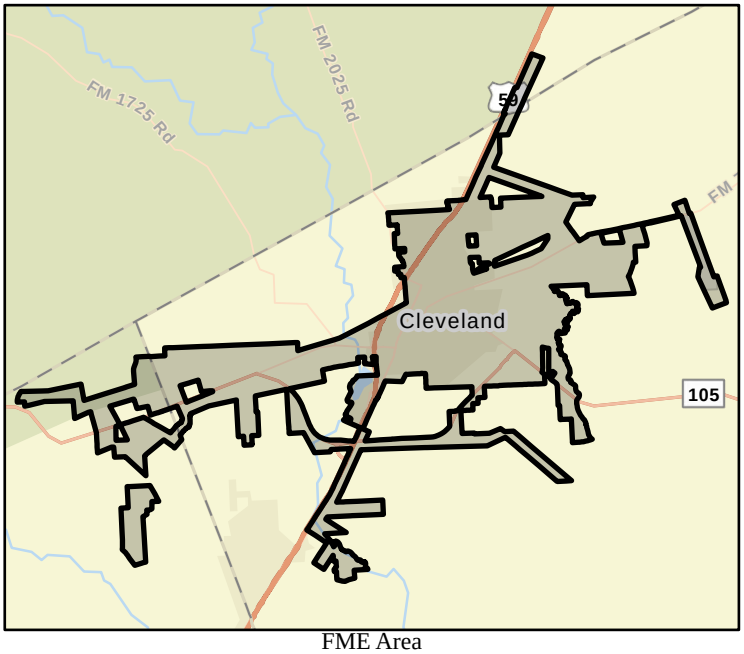
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 18.81 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,732	Structures at Risk	1,058	Critical Facilities at Risk	20
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	960.83	Impacted Roadway Miles	54.67
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	596



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: San Jacinto Watershed and Tributary Barrier and Flood Mitigation - East County Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000168 Sponsor Entity ID: 06-01-0000000037

Sponsor name: Montgomery County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,405,000

FME Description: Planning, H&H studies, design, environmental review, and barrier removal for the 98.6 miles of the San Jacinto Watershed and Tributary Barrier and Flood Mitigation-East County project area.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

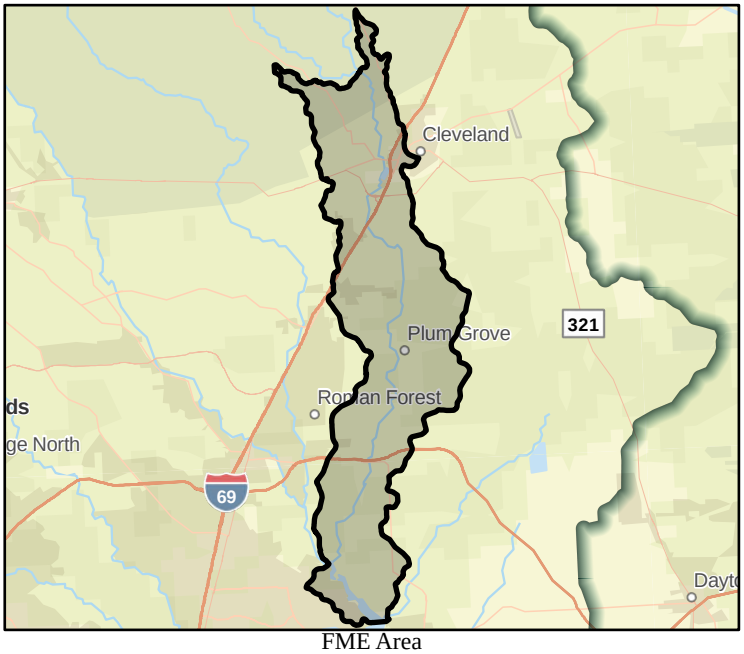
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 95.26 Assumptions/Relevant Context: N/A

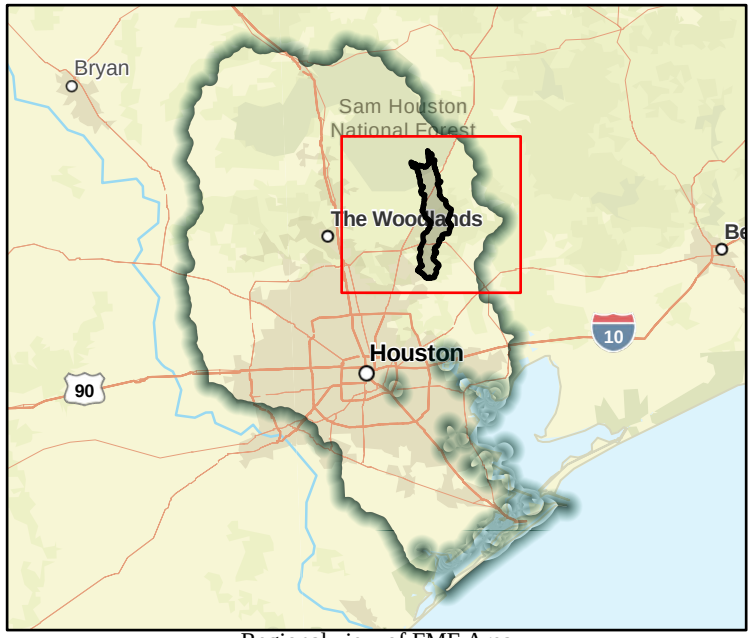
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	8,343	Structures at Risk	6,352	Critical Facilities at Risk	10
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	6,319.1	Impacted Roadway Miles	193.63
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	4,573



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: San Jacinto Watershed and Tributary Barrier and Flood Mitigation - West County Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000169 Sponsor Entity ID: 06-01-0000000037

Sponsor name: Montgomery County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,344,000

FME Description: H&H study, design, tributary barrier removal, and environmental assessments for the 96.2 miles of the San Jacinto Watershed and Tributary Barrier and Flood Mitigation-West County project area.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

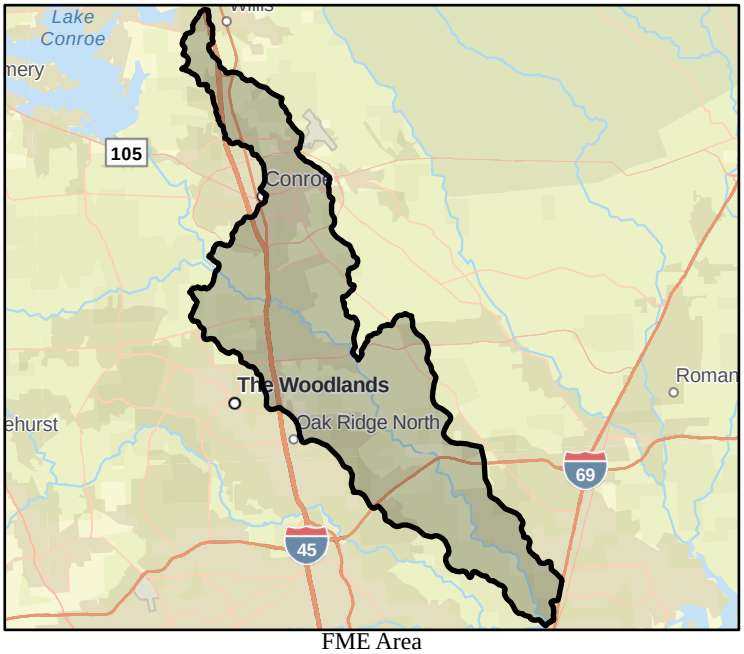
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 122.6 Assumptions/Relevant Context: N/A

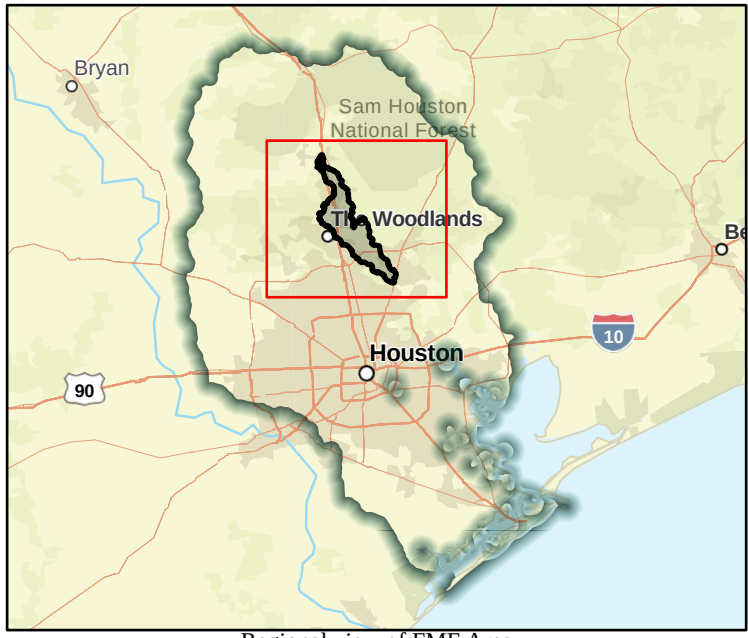
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	25,269	Structures at Risk	9,231	Critical Facilities at Risk	112
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5,877.31	Impacted Roadway Miles	301.95
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	7,432



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Gully Watershed Planning Project Near-term Planning Project: PA03

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000170 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $727,000

FME Description: Planning-level study needed: to identify a strategy in O200-00-00 near O207-01-00 to reduce flooding

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 34.96 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	31,596	Structures at Risk	8,669	Critical Facilities at Risk	275
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,065.58	Impacted Roadway Miles	190.16
Low Water Crossings	13	Total Historical Road Closures	13	Residential at Risk	6,980



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Gully Watershed Planning Project Near-term Planning Project: PA04

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000171 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $254,000

FME Description: Planning-level study needed: to lower WSEL in O203-00-00 to around 29 feet MSL. Most benefit when O203-00-00 channel modifications are combined with Thompson Road Storm drainage system improvements

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 34.96 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	31,596	Structures at Risk	8,669	Critical Facilities at Risk	275
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,065.58	Impacted Roadway Miles	190.16
Low Water Crossings	13	Total Historical Road Closures	13	Residential at Risk	6,980



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Gully Watershed Planning Project Near-term Planning Project: PA05

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000172 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $303,000

FME Description: Planning-level study needed: a stormwater detention basin near confluence of O207-00-00 and O207-01-00 required to lower WSEL

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 34.96 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	31,596	Structures at Risk	8,669	Critical Facilities at Risk	275
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,065.58	Impacted Roadway Miles	190.16
Low Water Crossings	13	Total Historical Road Closures	13	Residential at Risk	6,980



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Update Liberty County FIRMs to Include Bench Marks

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000173 Sponsor Entity ID: 00-01-0000000033

Sponsor name: Liberty County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $61,000

FME Description: Add bench marks to updated Flood Insurance Rate Maps.

County: Liberty Existing/Anticipated Models? No New H&H Model? No

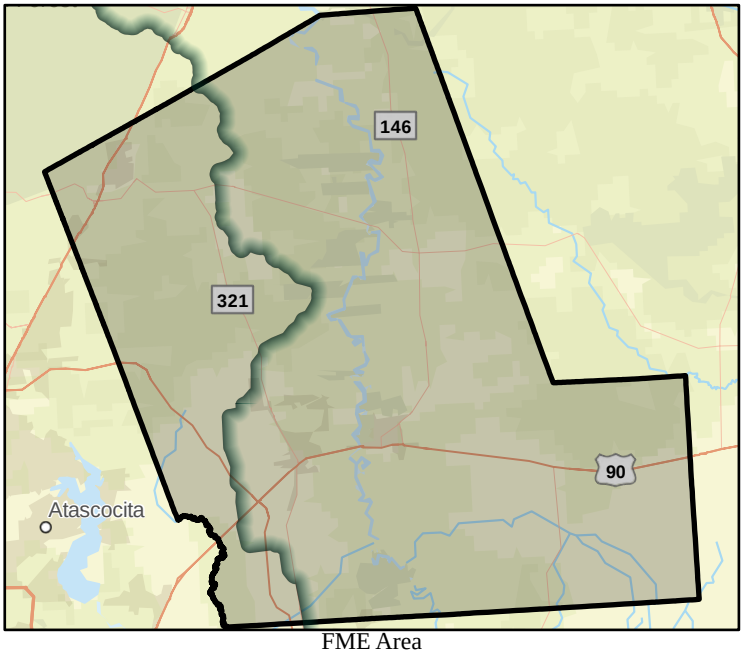
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1,174.3 Assumptions/Relevant Context: N/A

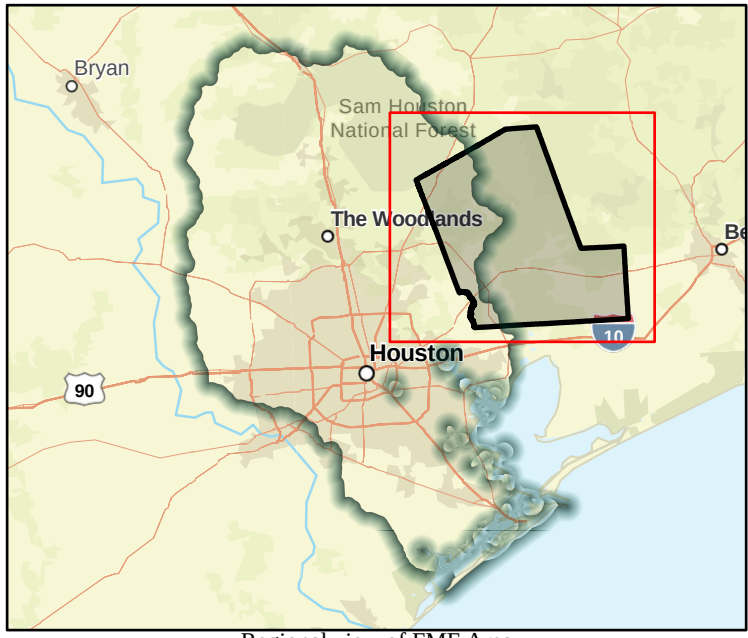
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	9,817	Structures at Risk	8,635	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,651.91	Impacted Roadway Miles	360.77
Low Water Crossings	18	Total Historical Road Closures	18	Residential at Risk	5,412



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Carpenters Planning Study N110-00-00 Diversion to P103-00/P103-03

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000174 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,453,000

FME Description: Feasibility study needed to evaluate a proposed interconnection from N110-00-00 to lower Greens Bayou

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

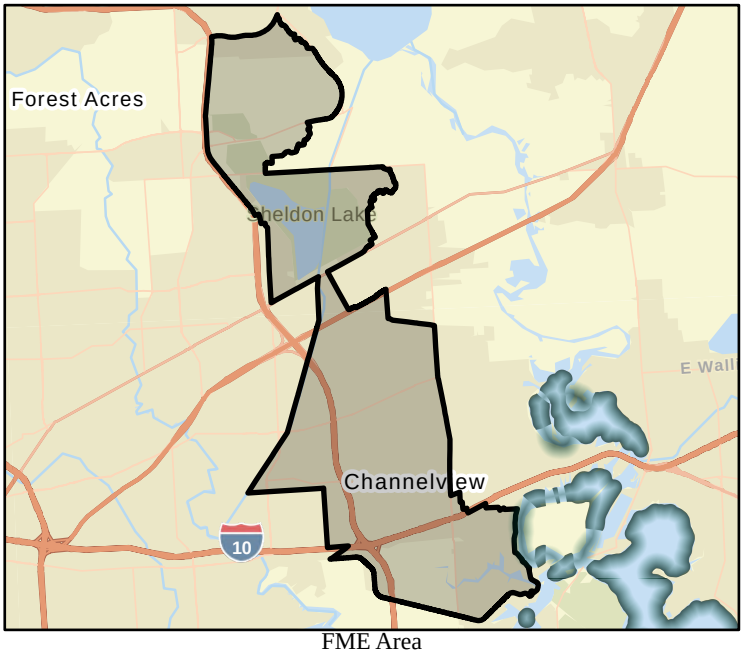
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 31.14 Assumptions/Relevant Context: N/A

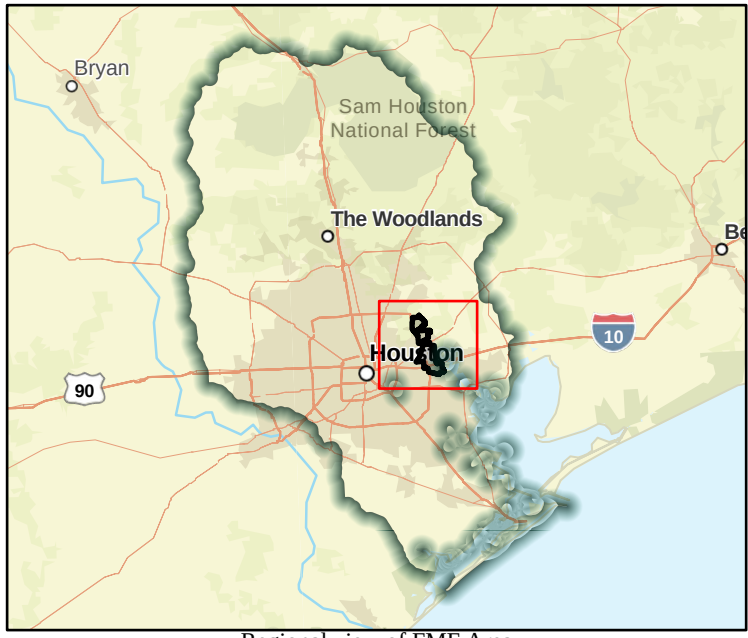
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	22,547	Structures at Risk	7,005	Critical Facilities at Risk	49
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,636.97	Impacted Roadway Miles	155.17
Low Water Crossings	7	Total Historical Road Closures	7	Residential at Risk	5,822



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Solutions for Advancing Flood Mitigation, Equity, and Resilience

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000175 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,336,000

FME Description: Feasibility study to identify regional flood management projects for broad-scale flood mitigation and potential Federal cost-sharing. The study will also explore beneficial uses beyond flood mitigation, such as water supply.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

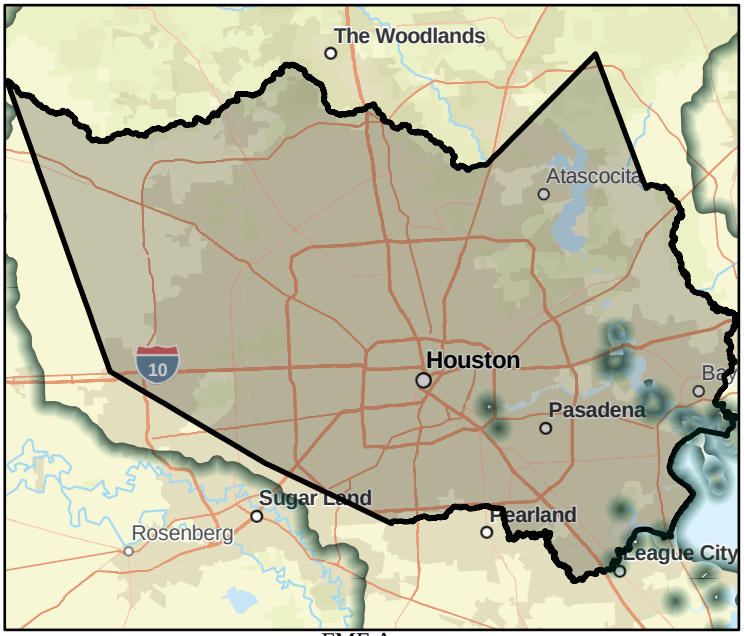
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1,777.29 Assumptions/Relevant Context: N/A

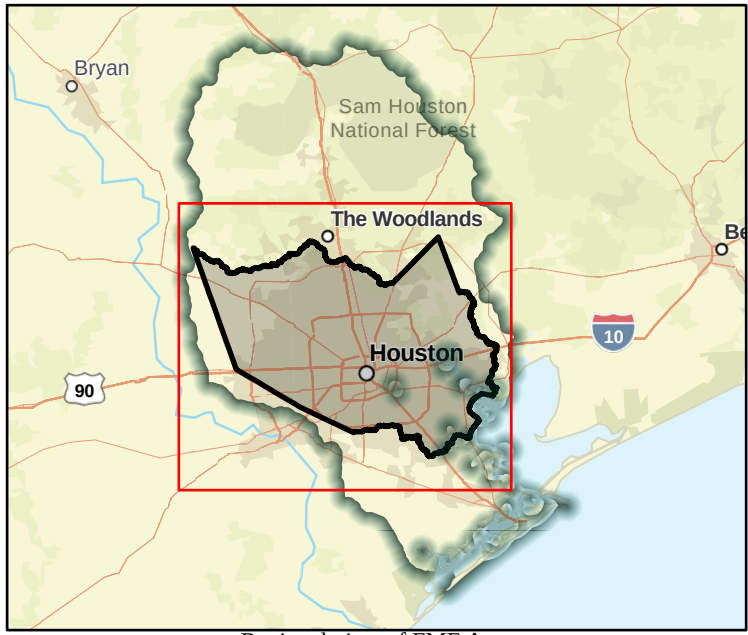
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,686,031	Structures at Risk	565,507	Critical Facilities at Risk	6,219
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	110,208.57	Impacted Roadway Miles	5,369.82
Low Water Crossings	531	Total Historical Road Closures	531	Residential at Risk	477,205



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Lower Greens Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000176 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,211,000

FME Description: Feasibility study to ID flood damage reduction measures to reduce the risk of flooding in the lower stretch of Greens Bayou

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

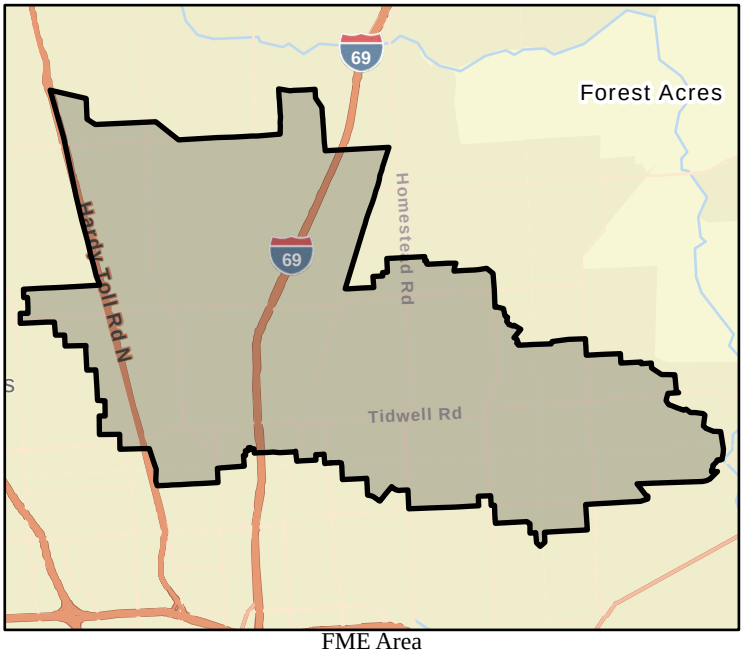
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 26.75 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	53,309	Structures at Risk	18,160	Critical Facilities at Risk	89
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	347.55	Impacted Roadway Miles	236.36
Low Water Crossings	17	Total Historical Road Closures	17	Residential at Risk	15,440



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Addicks Reservoir Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000177 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $812,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

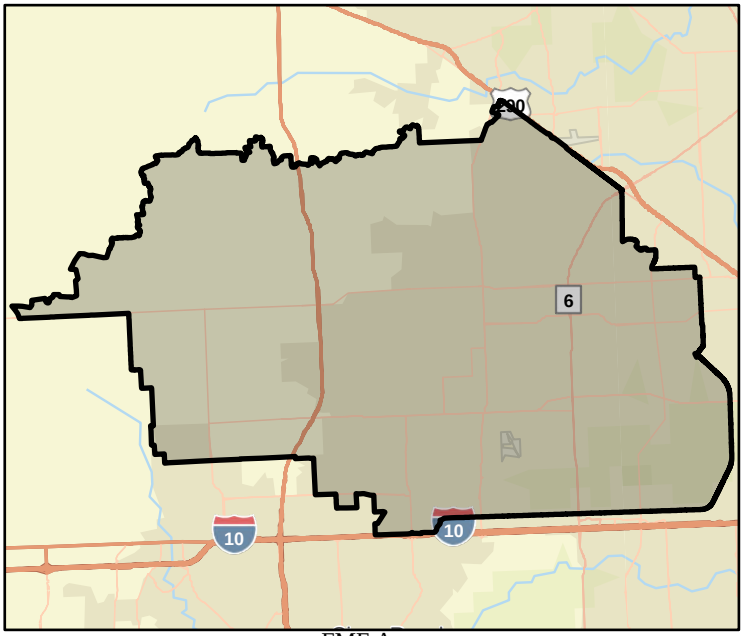
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 138.47 Assumptions/Relevant Context: N/A

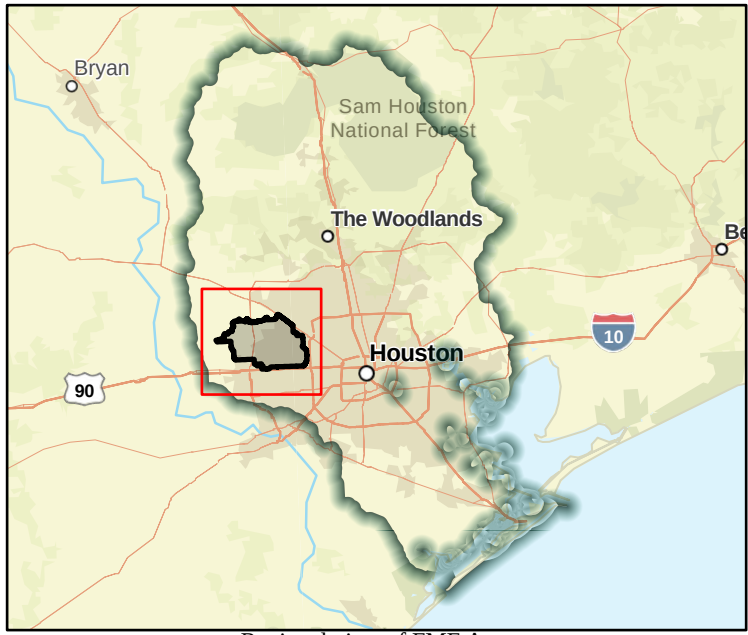
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	103,137	Structures at Risk	33,264	Critical Facilities at Risk	211
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	19,383.12	Impacted Roadway Miles	1,003.53
Low Water Crossings	23	Total Historical Road Closures	23	Residential at Risk	30,567



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Barker Reservoir Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000178 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $751,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

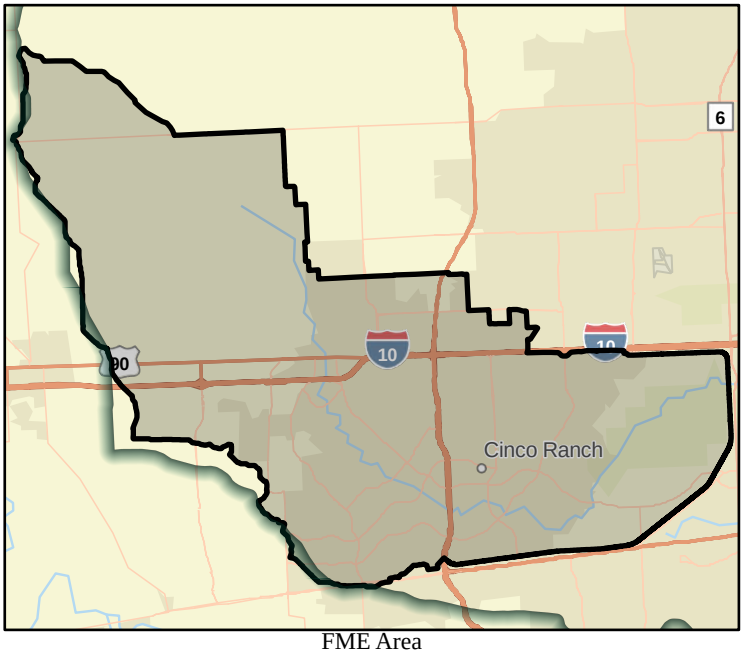
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 128.62 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	98,712	Structures at Risk	30,979	Critical Facilities at Risk	317
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	22,061.03	Impacted Roadway Miles	790.86
Low Water Crossings	23	Total Historical Road Closures	23	Residential at Risk	28,972



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Buffalo Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000179 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $606,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

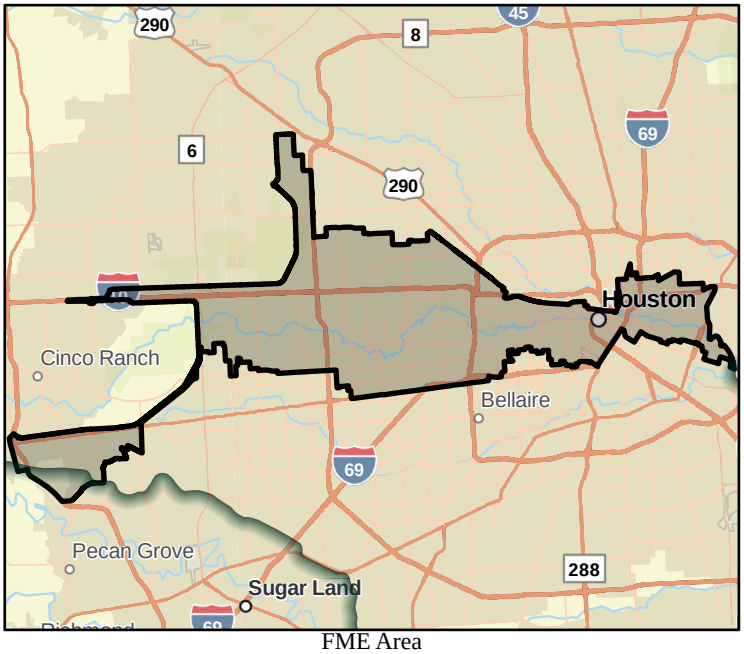
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 101.87 Assumptions/Relevant Context: N/A

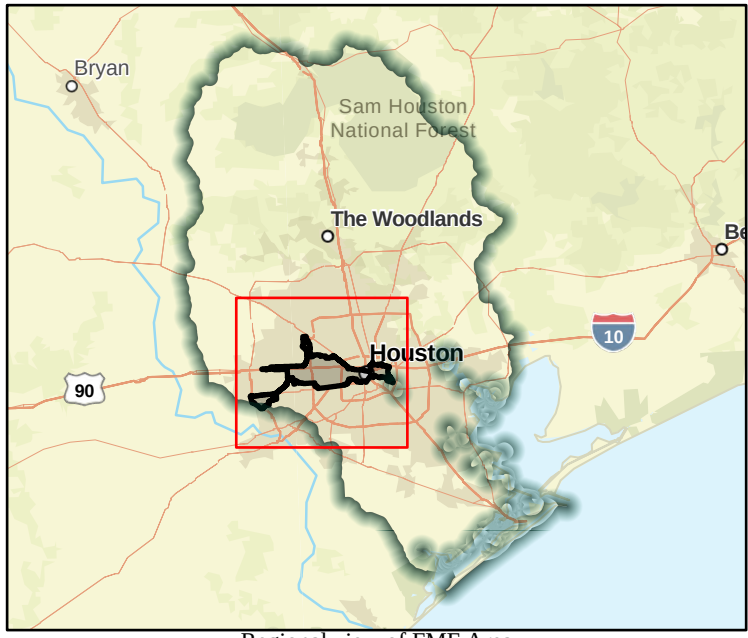
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	667,560	Structures at Risk	54,303	Critical Facilities at Risk	598
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	616.75	Impacted Roadway Miles	1,267.92
Low Water Crossings	53	Total Historical Road Closures	53	Residential at Risk	44,125



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Brays Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000180 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $751,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

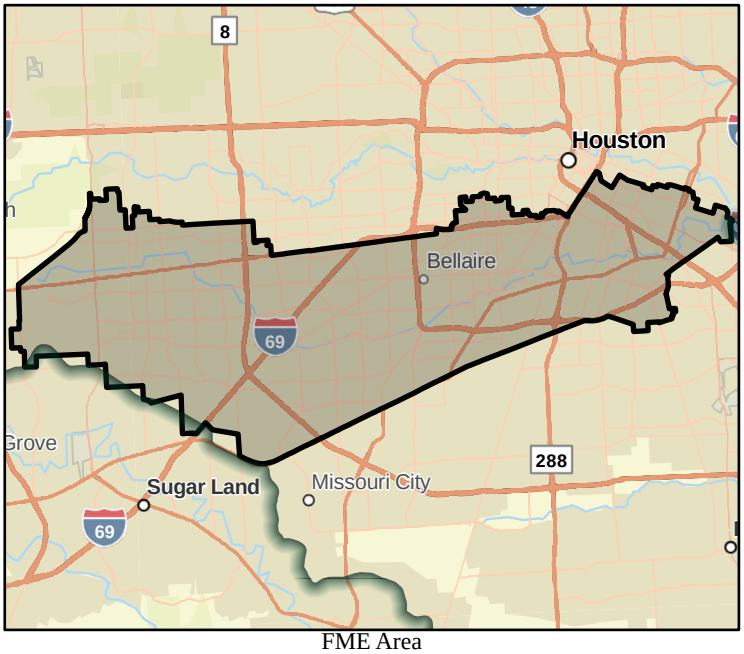
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 128.66 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	671,573	Structures at Risk	99,297	Critical Facilities at Risk	1,481
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	629.29	Impacted Roadway Miles	1,870.99
Low Water Crossings	102	Total Historical Road Closures	102	Residential at Risk	86,744



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cypress Creek Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000181 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,490,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

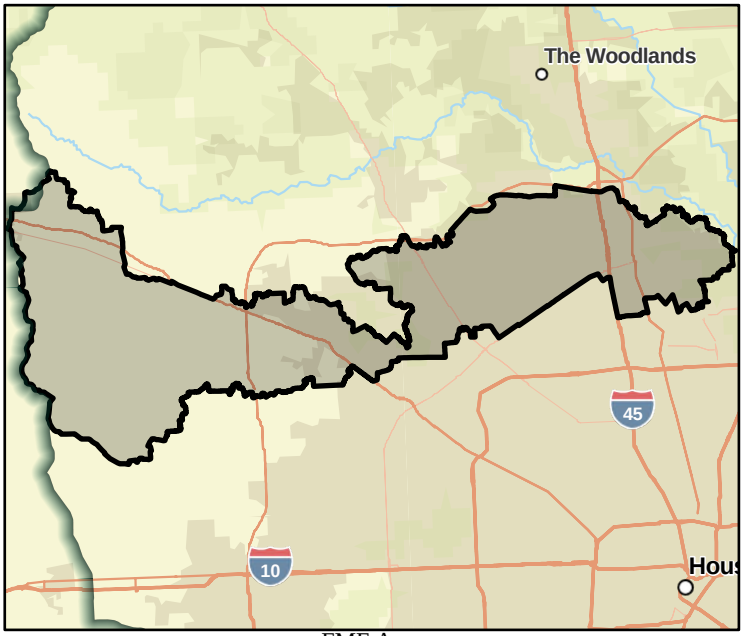
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 267.22 Assumptions/Relevant Context: N/A

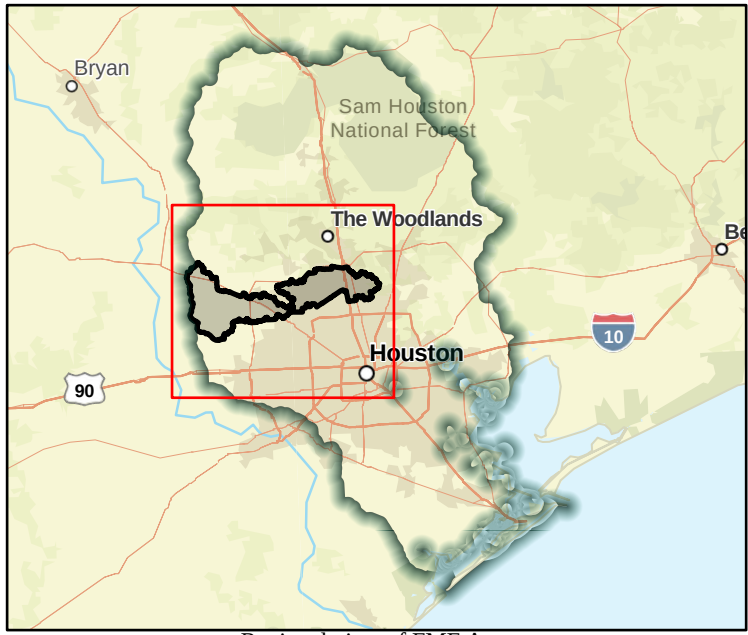
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	93,870	Structures at Risk	27,397	Critical Facilities at Risk	266
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	38,188.92	Impacted Roadway Miles	894.27
Low Water Crossings	15	Total Historical Road Closures	15	Residential at Risk	23,781



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Hunting Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000182 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $606,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

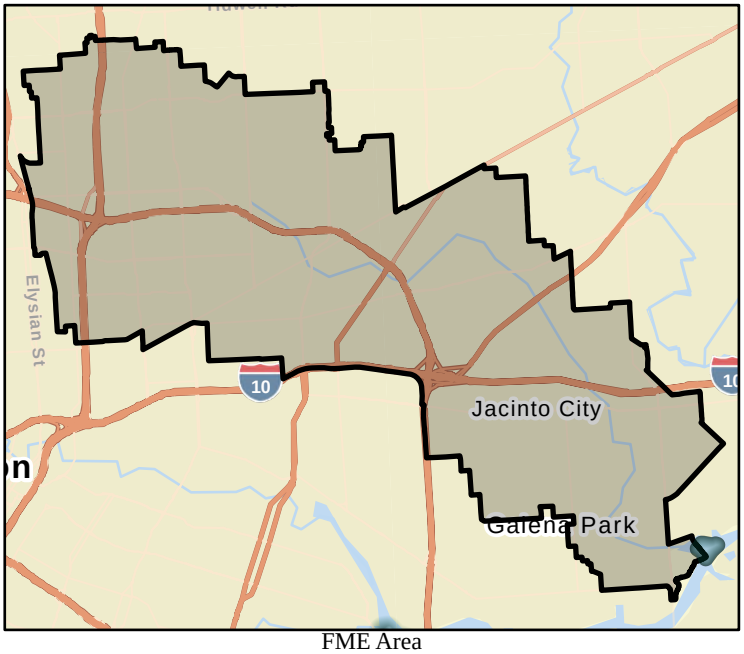
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 30.98 Assumptions/Relevant Context: N/A

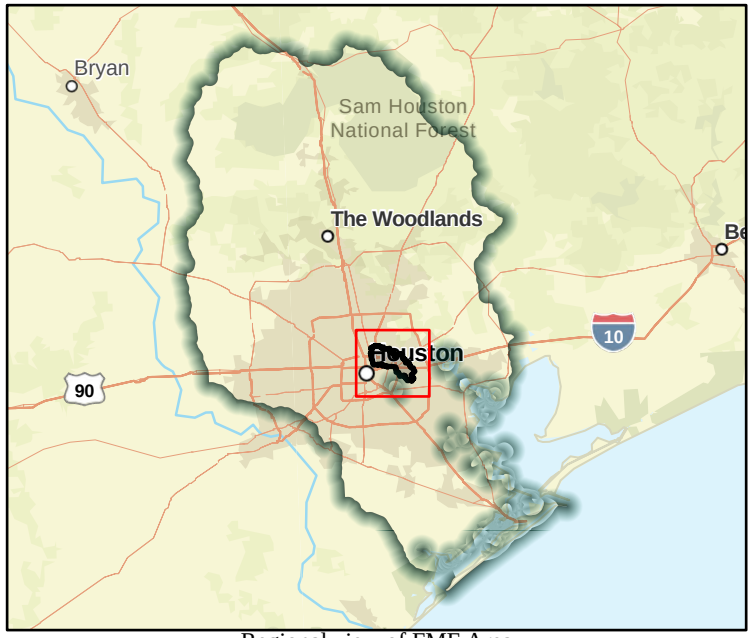
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	48,174	Structures at Risk	16,968	Critical Facilities at Risk	112
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	418.87	Impacted Roadway Miles	261.12
Low Water Crossings	30	Total Historical Road Closures	30	Residential at Risk	13,948



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Sims Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000183 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $569,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

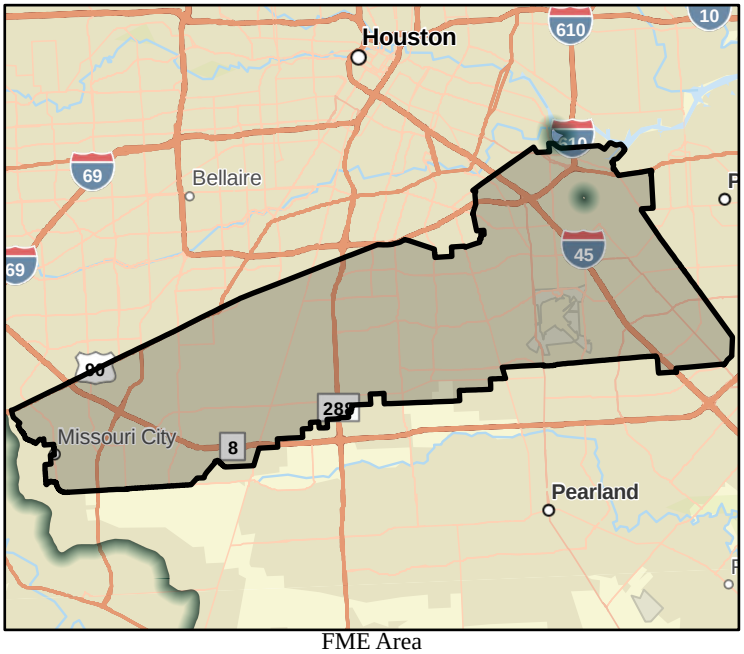
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 93.54 Assumptions/Relevant Context: N/A

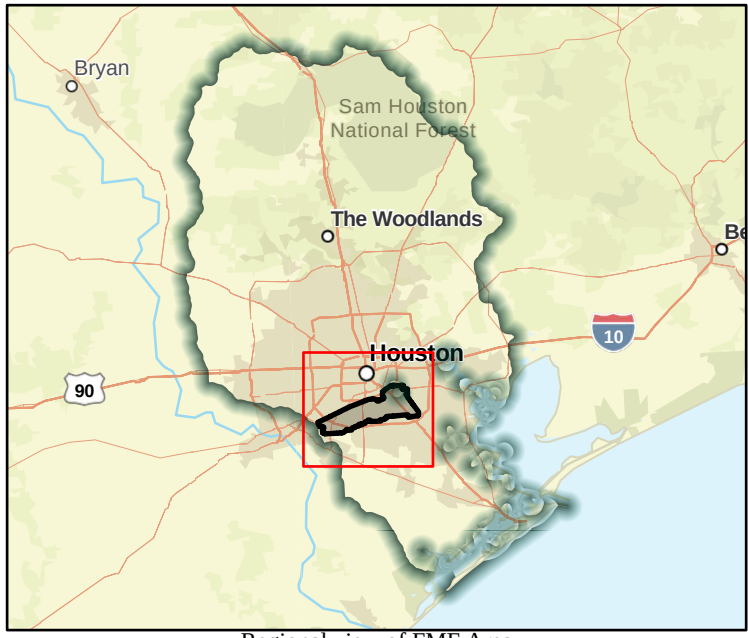
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	173,360	Structures at Risk	49,494	Critical Facilities at Risk	508
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,140.39	Impacted Roadway Miles	970.87
Low Water Crossings	49	Total Historical Road Closures	49	Residential at Risk	42,574



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: White Oak Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000184 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $969,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

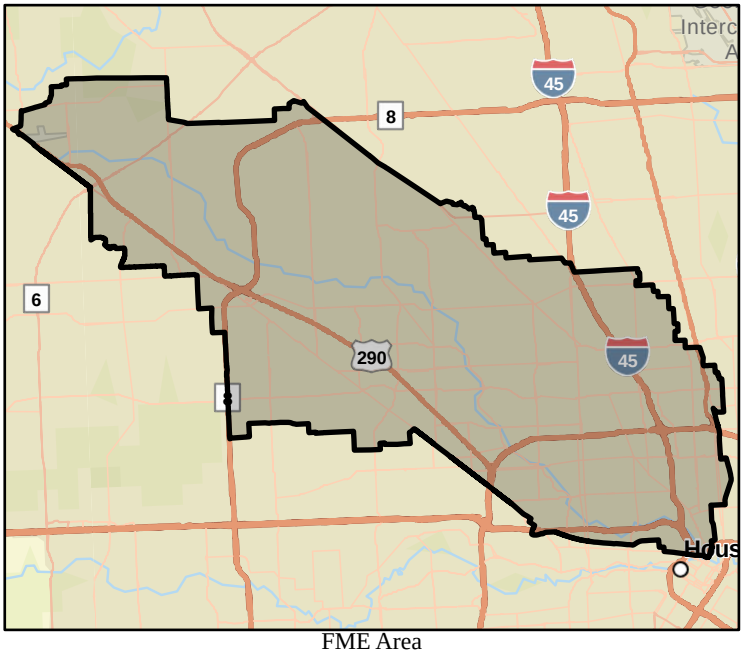
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 111.11 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	316,952	Structures at Risk	70,193	Critical Facilities at Risk	545
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	687.52	Impacted Roadway Miles	1,322.98
Low Water Crossings	46	Total Historical Road Closures	46	Residential at Risk	58,606



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Upper Greens Bayou Watershed Study

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000185 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,187,000

FME Description: Watershed-wide study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and BCAs for each project

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

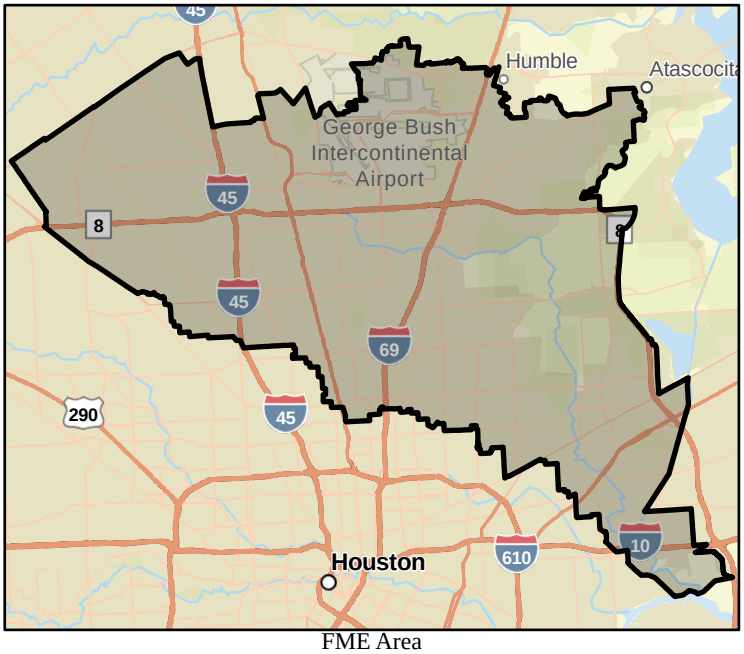
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 202.23 Assumptions/Relevant Context: N/A

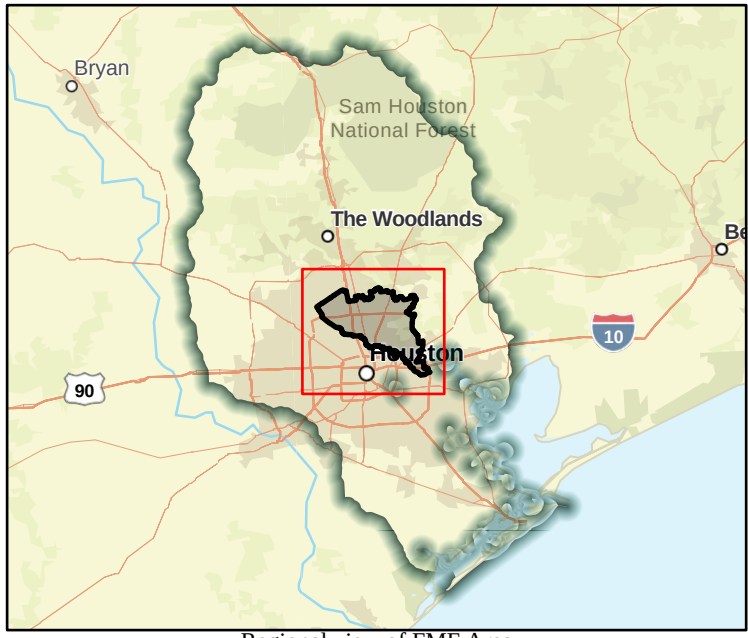
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	289,852	Structures at Risk	79,028	Critical Facilities at Risk	737
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5,963.58	Impacted Roadway Miles	1,365.52
Low Water Crossings	111	Total Historical Road Closures	111	Residential at Risk	65,362



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Brays Bayou - Partnership Project with Fort Bend County on Right-of-Way Acquisition, Design, and Construction of General Drainage Improvements along

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000188 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,235,000

FME Description: Further study of channel improvements from partnership project to restore channel conveyance including Atlas 14 rainfalls.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

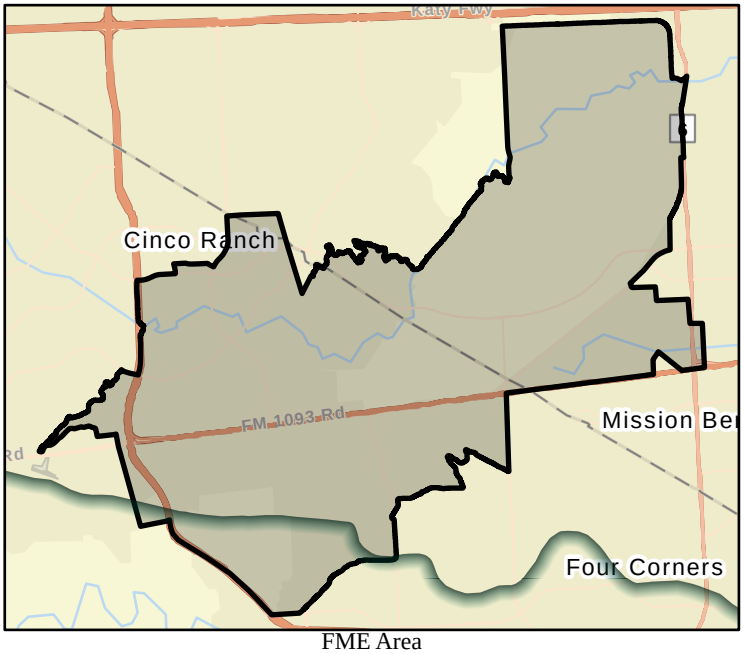
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 34.26 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	29,694	Structures at Risk	8,736	Critical Facilities at Risk	144
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	551.87	Impacted Roadway Miles	209.17
Low Water Crossings	11	Total Historical Road Closures	11	Residential at Risk	8,206



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Creek - Construction of a Reservoir along Spring Creek

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000191 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,054,000

FME Description: Further study for design and construction of a future flood control dam and reservoir in the Spring Creek watershed

County: Multiple Existing/Anticipated Models? Yes New H&H Model? Yes

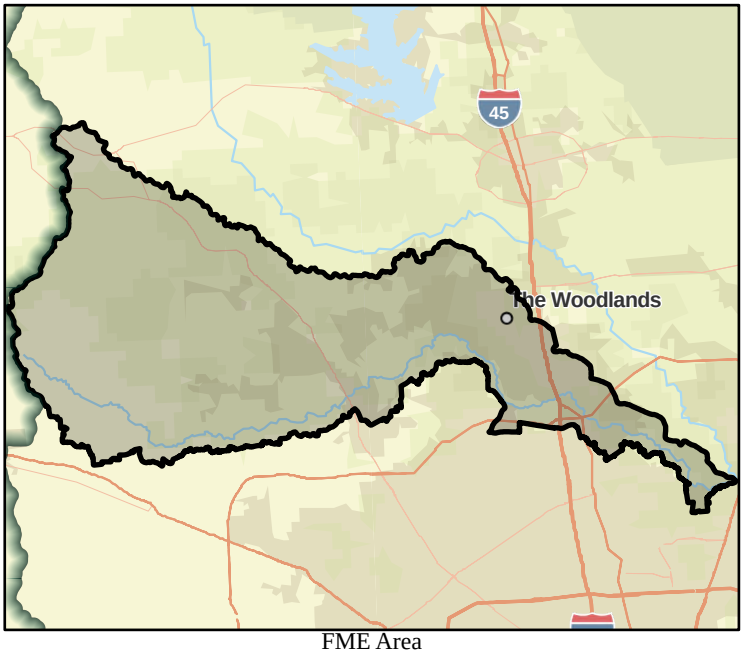
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 385.89 Assumptions/Relevant Context: N/A

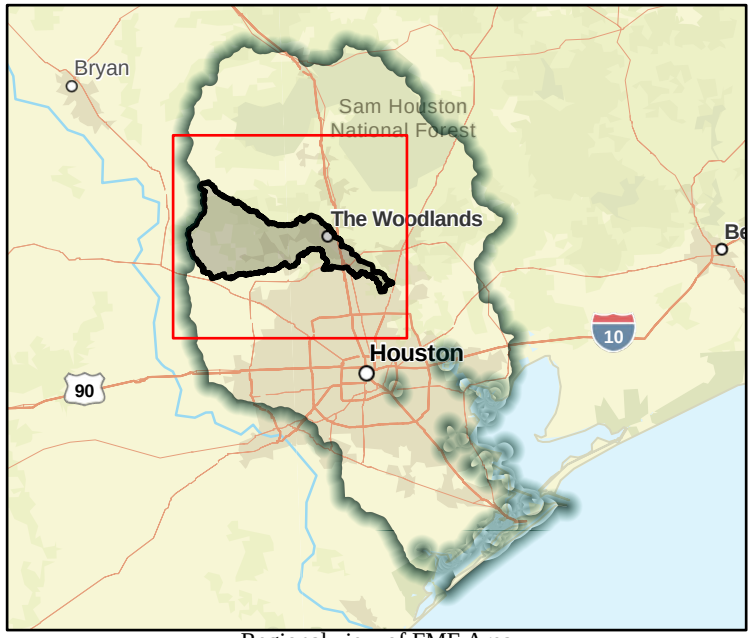
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	60,918	Structures at Risk	18,060	Critical Facilities at Risk	132
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	19,277.99	Impacted Roadway Miles	419.16
Low Water Crossings	57	Total Historical Road Closures	57	Residential at Risk	15,244



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: White Oak Bayou - Turkey Gully E106-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000194 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $1,611,000

FME Description: Develop BCA to become a FMP. Further study of channel modifications from partnership project to restore channel conveyance, evaluated using Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? Yes New H&H Model? Yes

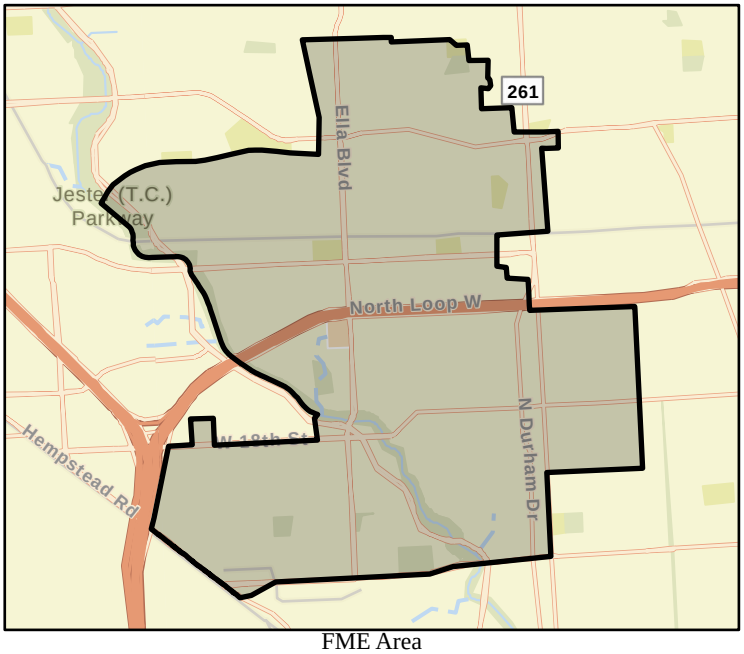
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 6.81 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	25,517	Structures at Risk	5,435	Critical Facilities at Risk	45
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	8.54	Impacted Roadway Miles	97.95
Low Water Crossings	6	Total Historical Road Closures	6	Residential at Risk	4,627



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: White Oak Bayou - General Drainage Improvements along E105-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000196 Sponsor Entity ID: 00-01-0000002853

Sponsor name: Houston (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $145,000

FME Description: Further study of channel improvements from partnership project to restore channel conveyance including Atlas 14 rainfalls.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

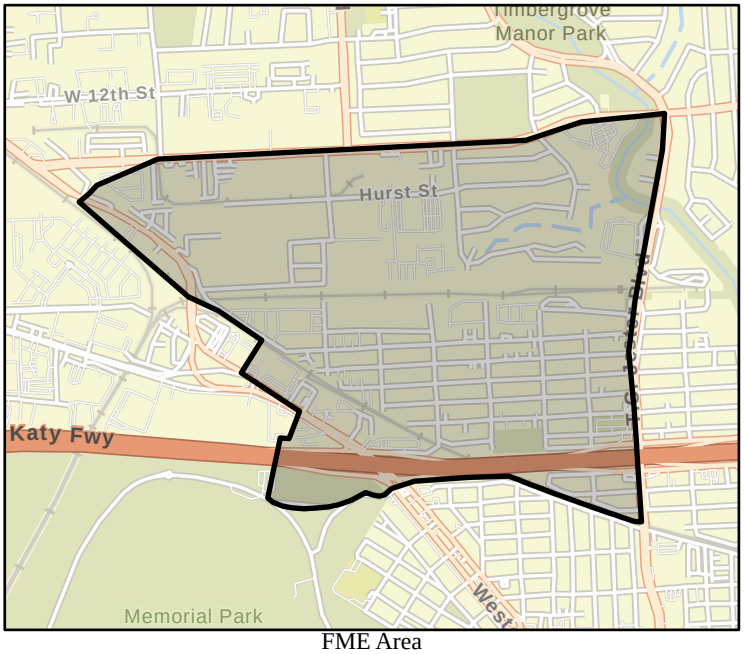
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,767	Structures at Risk	920	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	12.02
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	820



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Investigation of COH Properties for Conversion to Stormwater Det. Basins

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000197 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $606,000

FME Description: Further study for design and construction of stormwater detention basins on various City of Houston properties that may reduce the risk of flooding in the area

County: Harris Existing/Anticipated Models? Yes New H&H Model? Yes

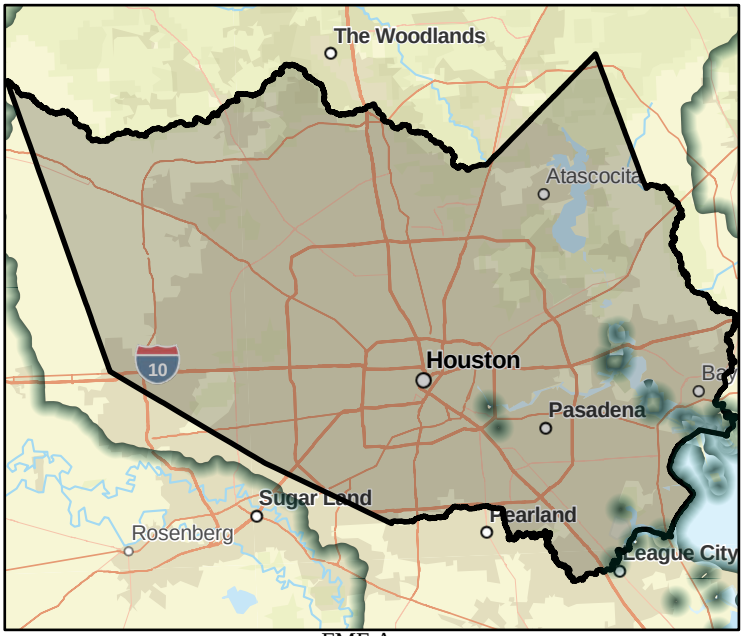
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1,777.29 Assumptions/Relevant Context: N/A

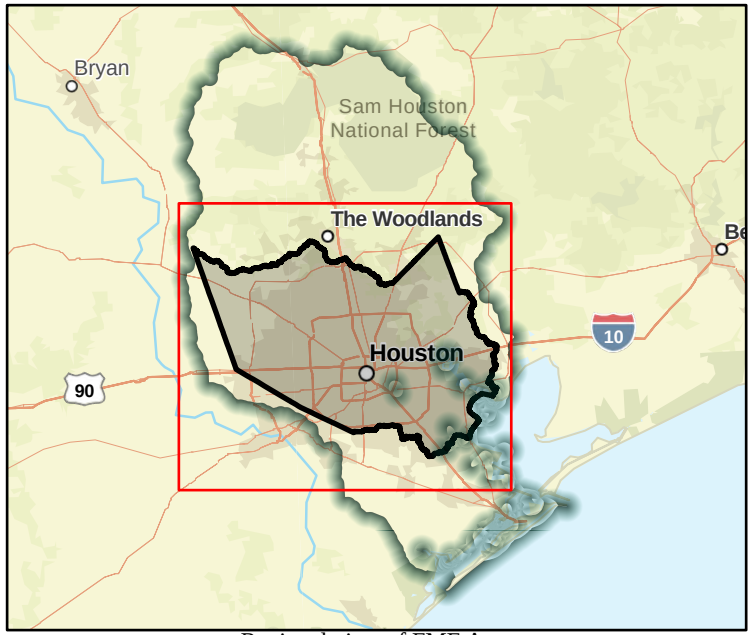
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,686,031	Structures at Risk	565,507	Critical Facilities at Risk	6,219
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	110,208.57	Impacted Roadway Miles	5,369.82
Low Water Crossings	531	Total Historical Road Closures	531	Residential at Risk	477,205



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Little Cypress Creek - L109-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000201 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Feasibility study of L109-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

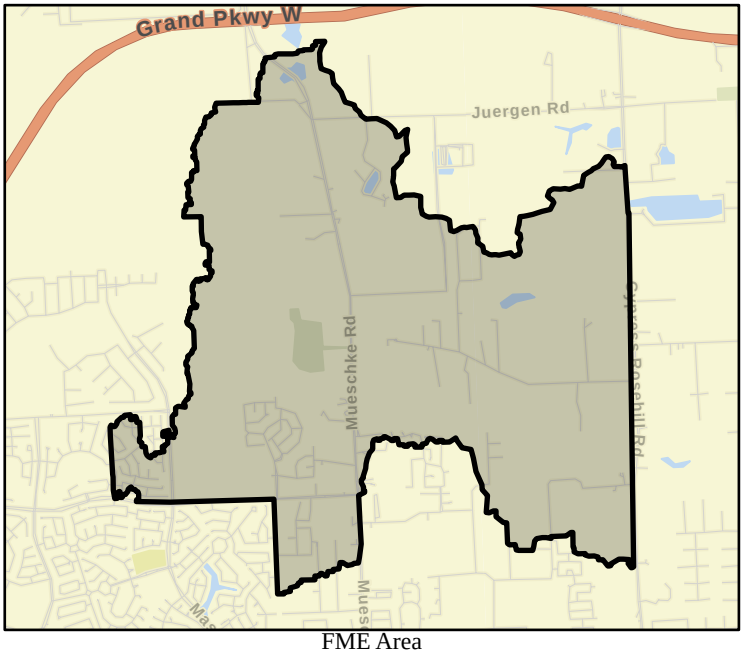
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 5.6 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	922	Structures at Risk	509	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	948.86	Impacted Roadway Miles	9.3
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	327



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Little Cypress Creek - L113-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000202 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $363,000

FME Description: Feasibility study of L113-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

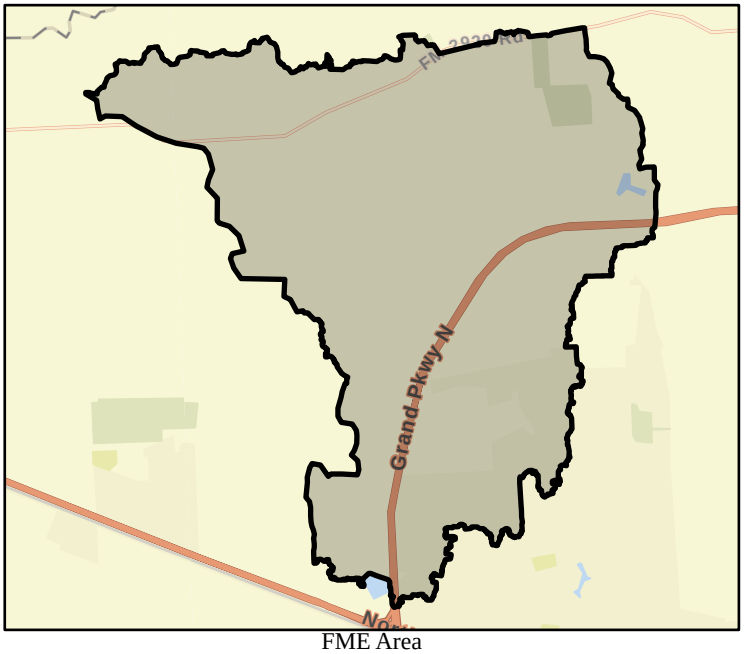
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 15.01 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,325	Structures at Risk	630	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,379.23	Impacted Roadway Miles	27.26
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	482



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Little Cypress Creek - L103-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000203 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $182,000

FME Description: Feasibility study of L103-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

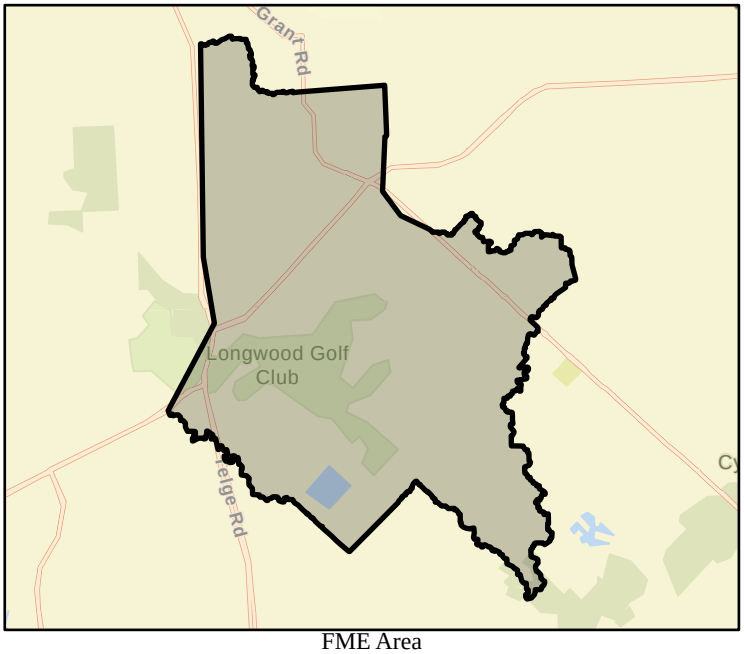
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 5.26 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,540	Structures at Risk	1,574	Critical Facilities at Risk	12
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	184.82	Impacted Roadway Miles	41.75
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,402



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Greens Bayou - P130-05-02

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000204 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $182,000

FME Description: Feasibility study of P130-05-02 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

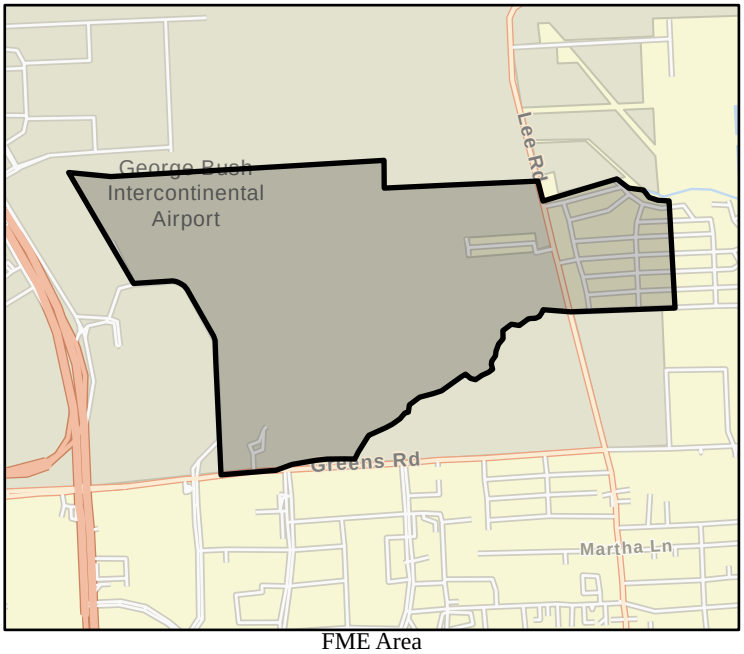
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.06 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	386	Structures at Risk	264	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.94	Impacted Roadway Miles	2.86
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	244



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Greens Bayou - P142-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000205 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $303,000

FME Description: Feasibility study of P142-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

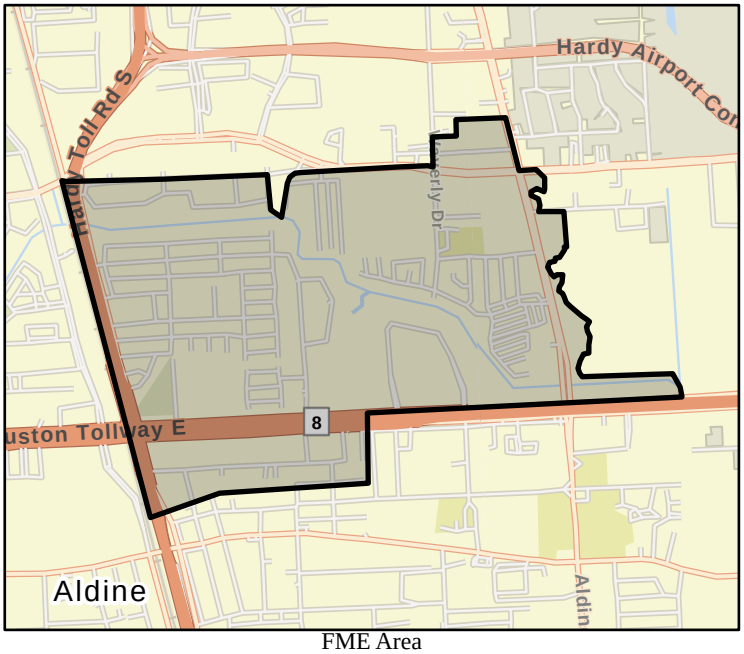
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.64 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,536	Structures at Risk	1,021	Critical Facilities at Risk	7
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	36.47	Impacted Roadway Miles	20.78
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	586



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: San Jacinto River - G103-46-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000207 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Feasibility study of G103-46-00 to identify feasible flood risk reduction measures

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

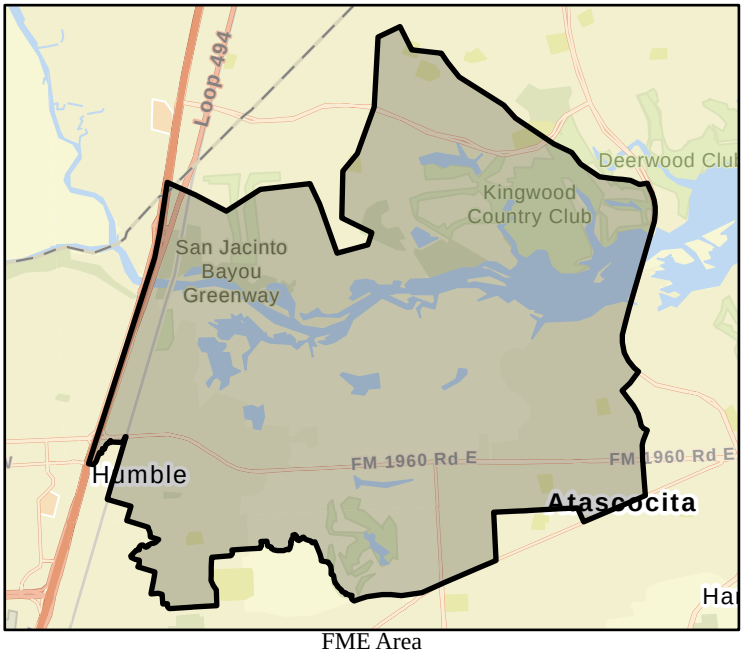
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 20.21 Assumptions/Relevant Context: N/A

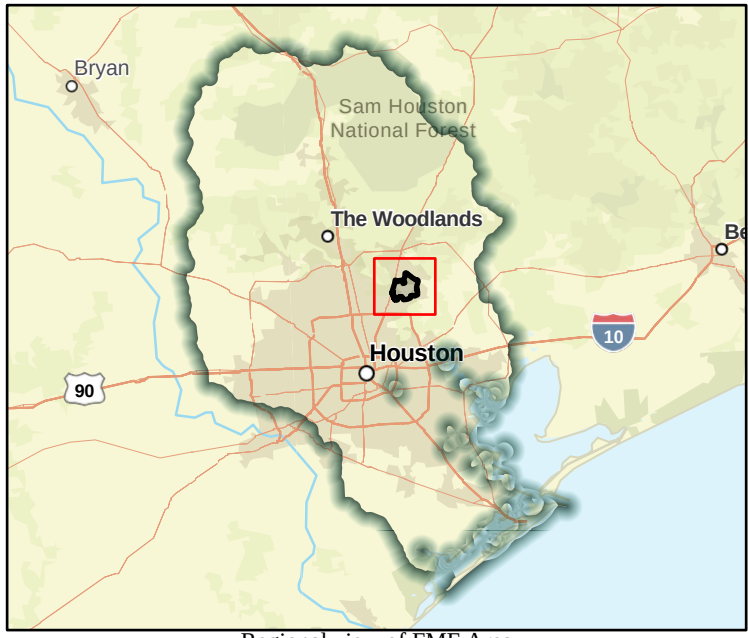
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	12,041	Structures at Risk	3,956	Critical Facilities at Risk	20
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	938.44	Impacted Roadway Miles	104.25
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	3,504



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: San Jacinto River - G103-33-04

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000208 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Feasibility study of G103-33-04 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

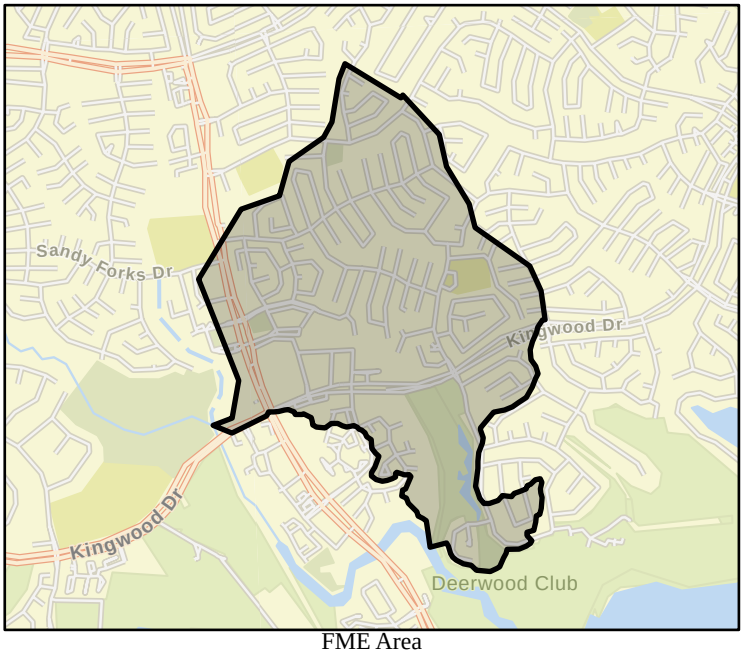
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.13 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,524	Structures at Risk	607	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	11.16	Impacted Roadway Miles	13.58
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	581



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: San Jacinto River - G103-36-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000209 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $908,000

FME Description: Feasibility study of G103-36-00 to identify feasible flood risk reduction measures

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

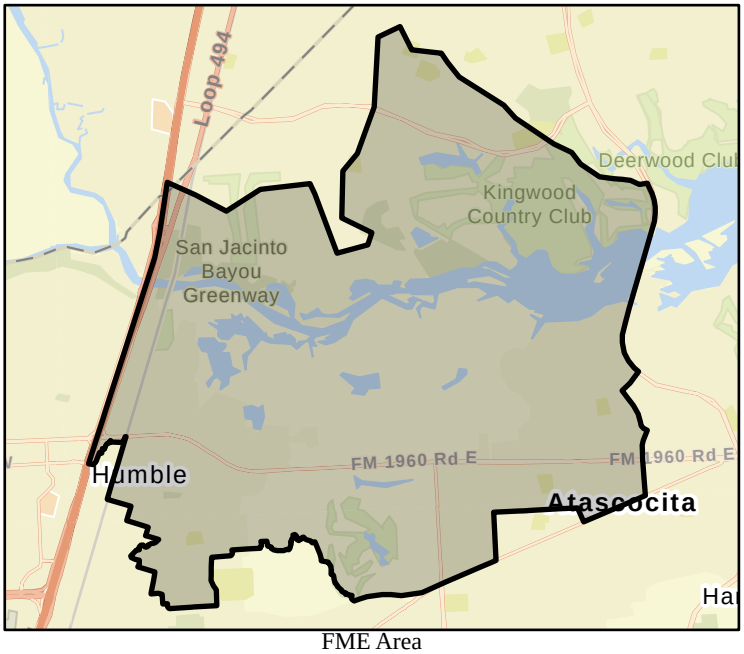
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 20.21 Assumptions/Relevant Context: N/A

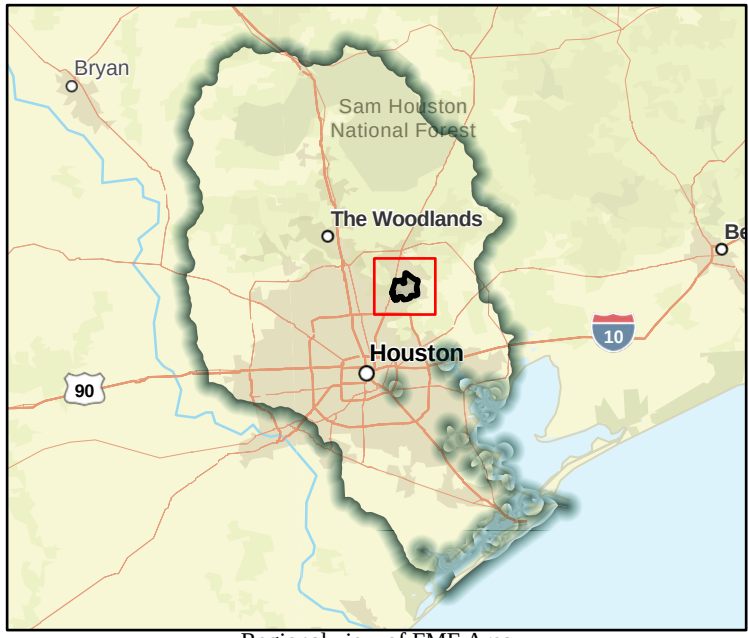
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	12,039	Structures at Risk	3,955	Critical Facilities at Risk	20
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	938.44	Impacted Roadway Miles	104.24
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	3,503



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Conroe Riverine Study and Mapping Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000213 Sponsor Entity ID: 06-01-0000003030

Sponsor name: Conroe (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $606,000

FME Description: Study and new modeling for moderate to low quality areas and revise the flood maps using the results from the updated modeling.

County: Montgomery Existing/Anticipated Models? Yes New H&H Model? No

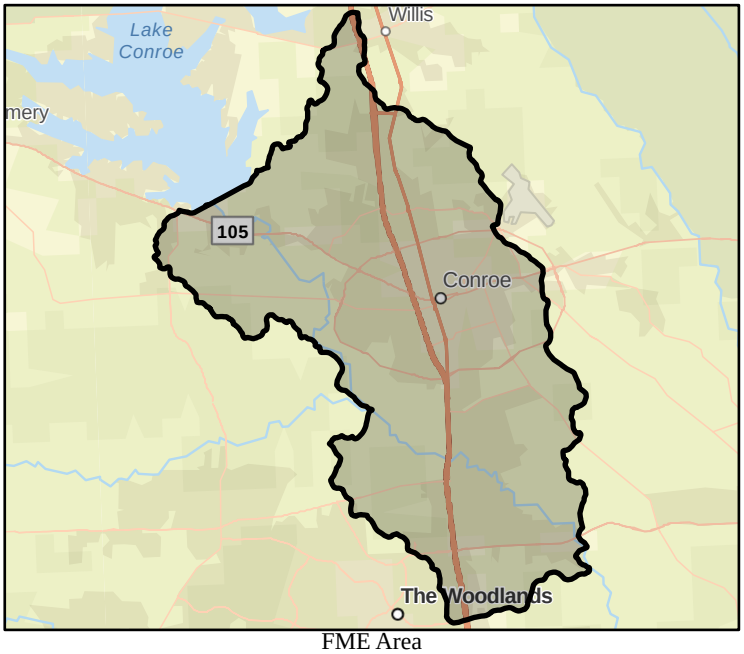
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 100.47 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	22,744	Structures at Risk	6,700	Critical Facilities at Risk	102
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	3,125.83	Impacted Roadway Miles	212.01
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	5,010



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: April Sound Subdivision Evaluation

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000214 Sponsor Entity ID: 06-01-0000003030

Sponsor name: Conroe (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $2,059,000

FME Description: Detailed analysis to be completed for the entire development using detailed storm sewer modeling.

County: Montgomery Existing/Anticipated Models? Yes New H&H Model? No

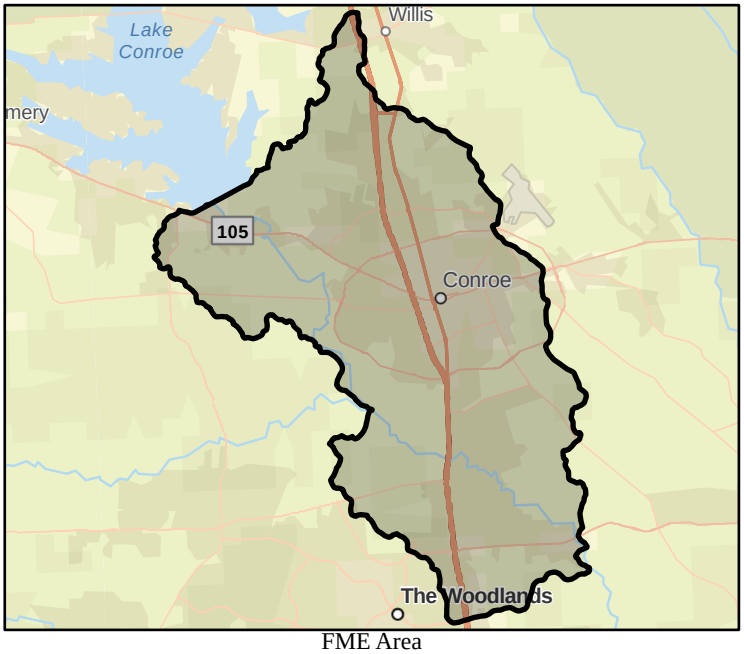
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 100.47 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	22,744	Structures at Risk	6,700	Critical Facilities at Risk	102
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	3,125.83	Impacted Roadway Miles	212.01
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	5,010



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Conroe Downtown Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000215 Sponsor Entity ID: 06-01-0000003030

Sponsor name: Conroe (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $908,000

FME Description: Full as-built storm sewer inventory survey and a full drainage study recommended.

County: Montgomery Existing/Anticipated Models? Yes New H&H Model? No

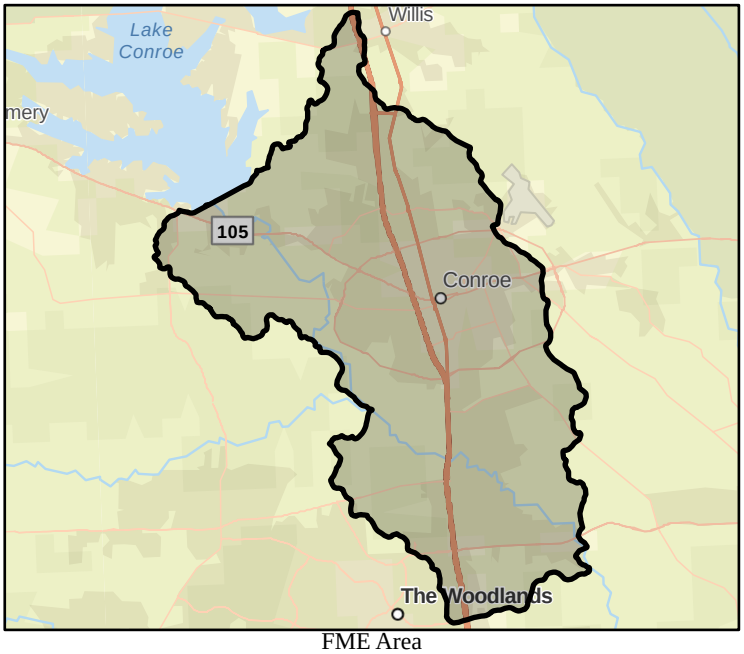
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 100.47 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	22,744	Structures at Risk	6,700	Critical Facilities at Risk	102
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	3,125.83	Impacted Roadway Miles	212.01
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	5,010



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Greens Bayou - P103-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000216 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $363,000

FME Description: Feasibility study of P103-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

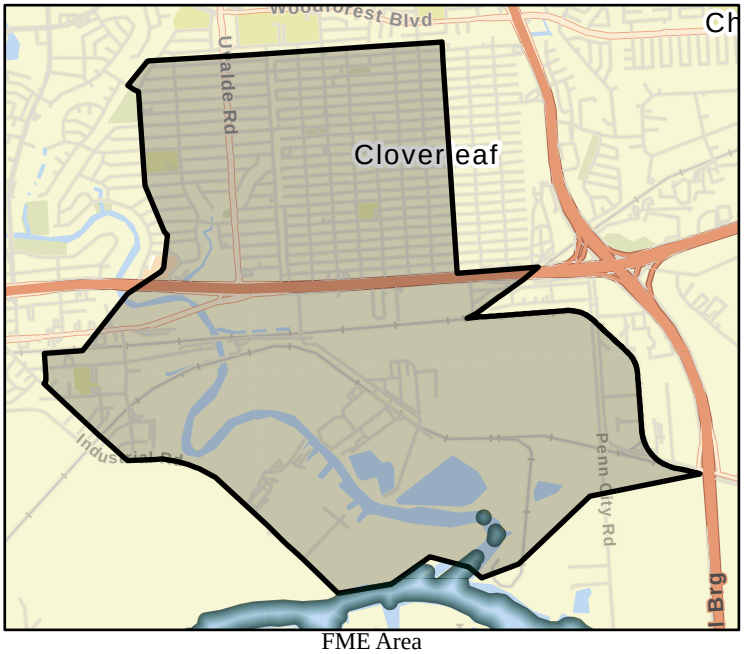
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 5.57 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,560	Structures at Risk	1,922	Critical Facilities at Risk	11
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	54.72	Impacted Roadway Miles	22.58
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,338



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Barker - T101-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000217 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $606,000

FME Description: Feasibility study of T101-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

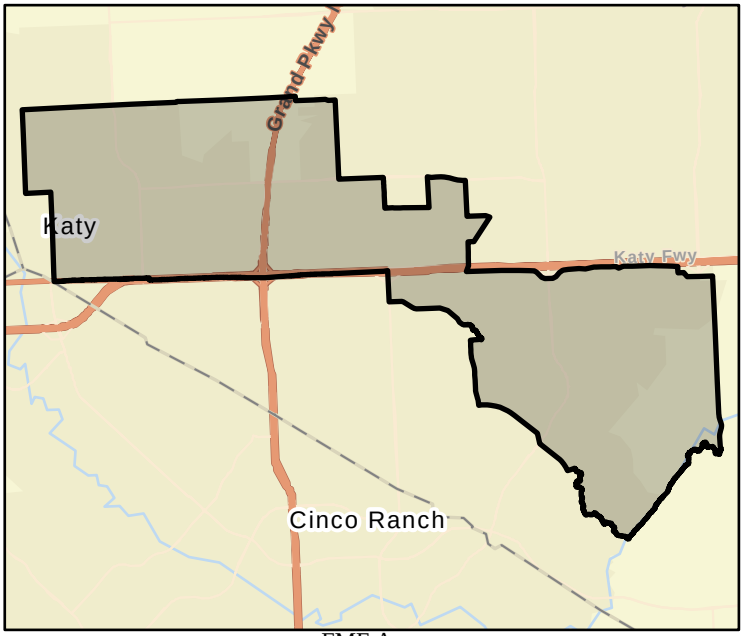
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 17.35 Assumptions/Relevant Context: N/A

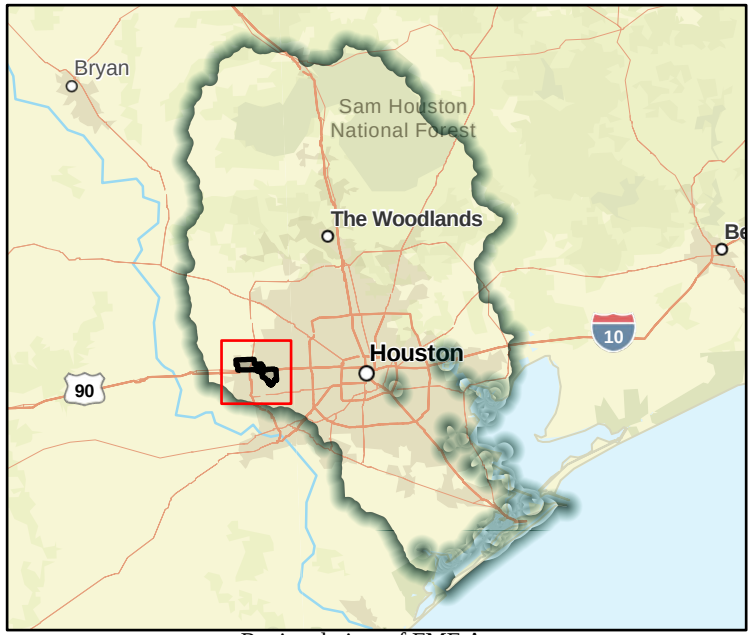
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	18,780	Structures at Risk	6,034	Critical Facilities at Risk	70
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	404.66	Impacted Roadway Miles	169.12
Low Water Crossings	8	Total Historical Road Closures	8	Residential at Risk	5,571



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Barker - T103-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000218 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $363,000

FME Description: Feasibility study of T103-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

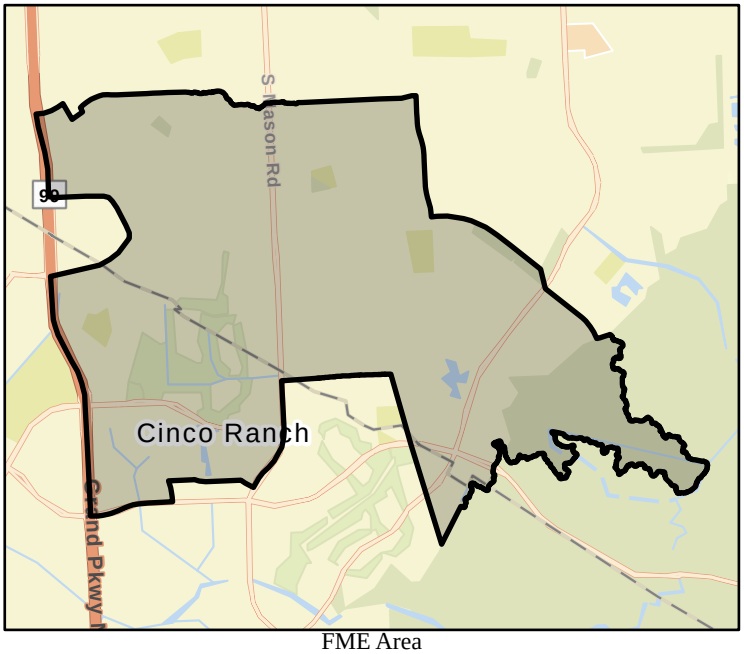
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 7.22 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	14,223	Structures at Risk	4,162	Critical Facilities at Risk	24
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	102.65
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	4,023



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Buffalo Bayou - W158-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000219 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Feasibility study of W158-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

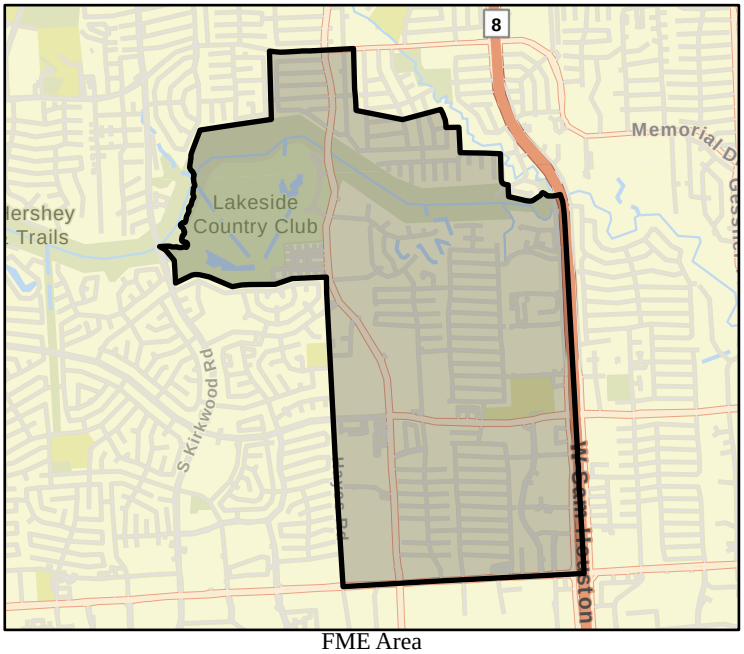
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.83 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	10,554	Structures at Risk	1,637	Critical Facilities at Risk	12
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	29.45	Impacted Roadway Miles	32.15
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	1,455



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Buffalo Bayou - W130-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000220 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $121,000

FME Description: Feasibility study of W130-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

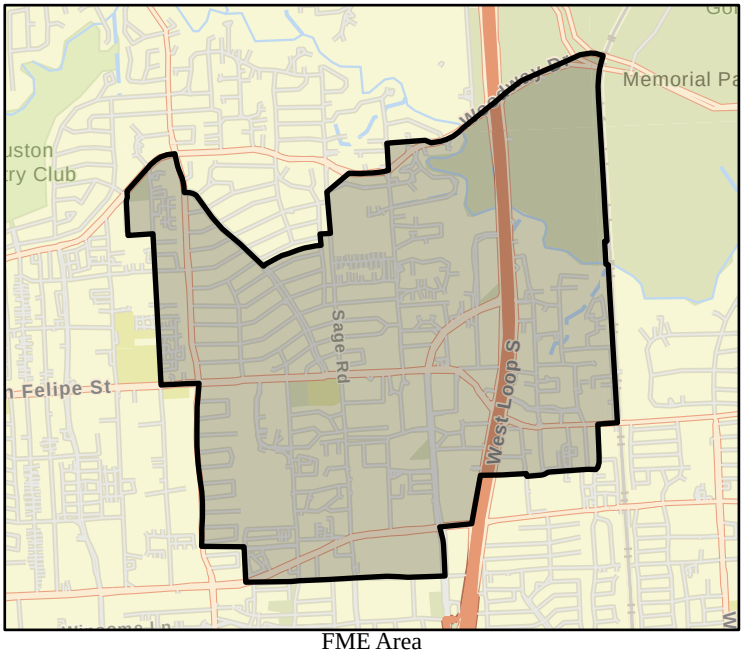
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.8 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	54,611	Structures at Risk	931	Critical Facilities at Risk	17
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	11.97	Impacted Roadway Miles	32.75
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	726



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Buffalo Bayou - W163-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000221 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $242,000

FME Description: Feasibility study of W163-00-00 to identify feasible flood risk reduction measures

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

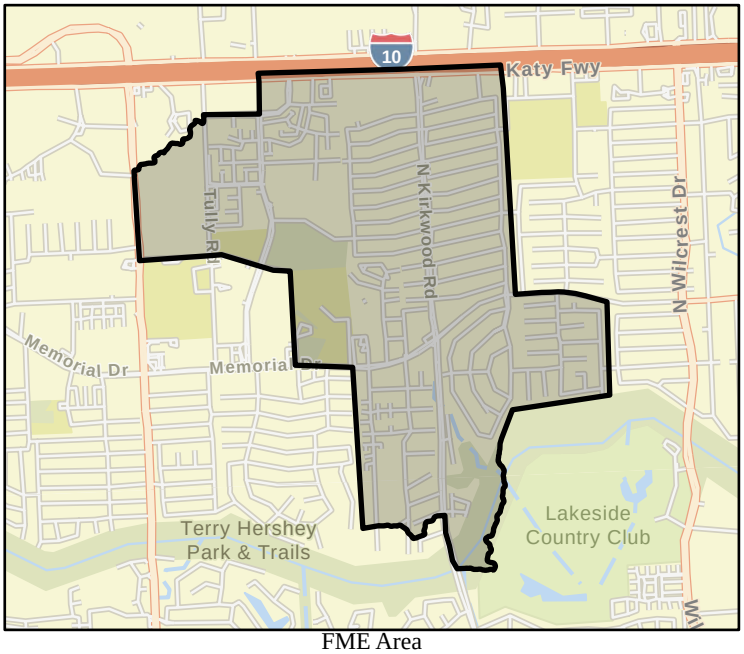
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.39 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,362	Structures at Risk	670	Critical Facilities at Risk	7
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	10.41	Impacted Roadway Miles	18.61
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	584



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Arcola Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000222 Sponsor Entity ID: 00-01-0000002557

Sponsor name: Arcola (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $242,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Fort Bend Existing/Anticipated Models? No New H&H Model? Yes

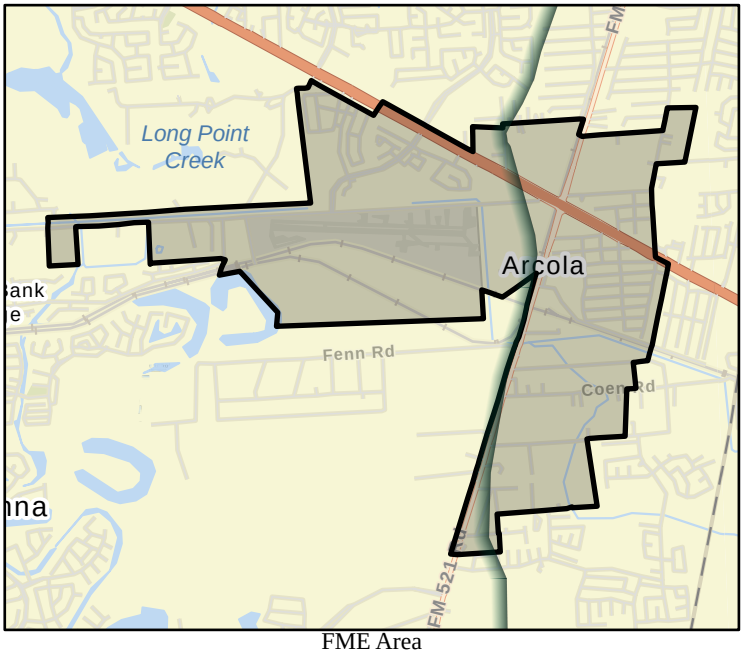
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.61 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	239	Structures at Risk	213	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	93.66	Impacted Roadway Miles	1
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	177



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Baytown Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000223 Sponsor Entity ID: 00-01-0000003343

Sponsor name: Baytown (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $630,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

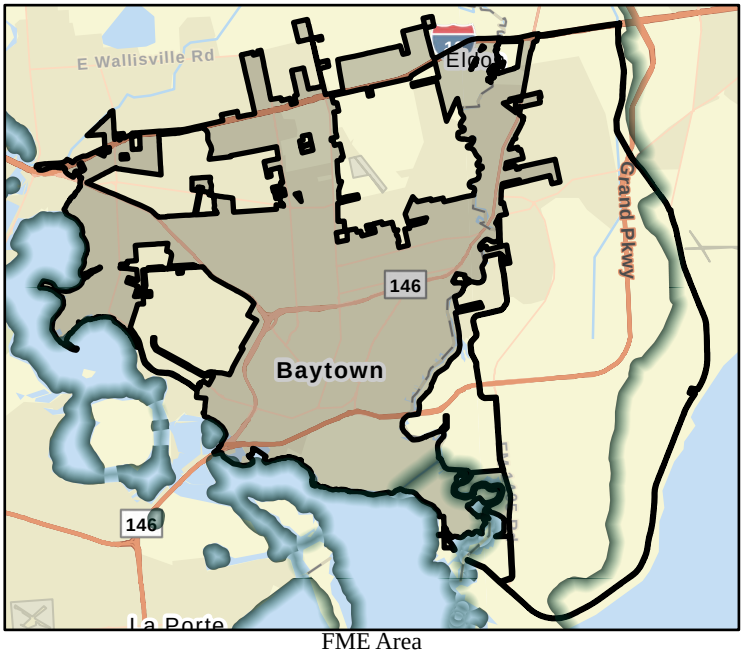
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 38.19 Assumptions/Relevant Context: N/A

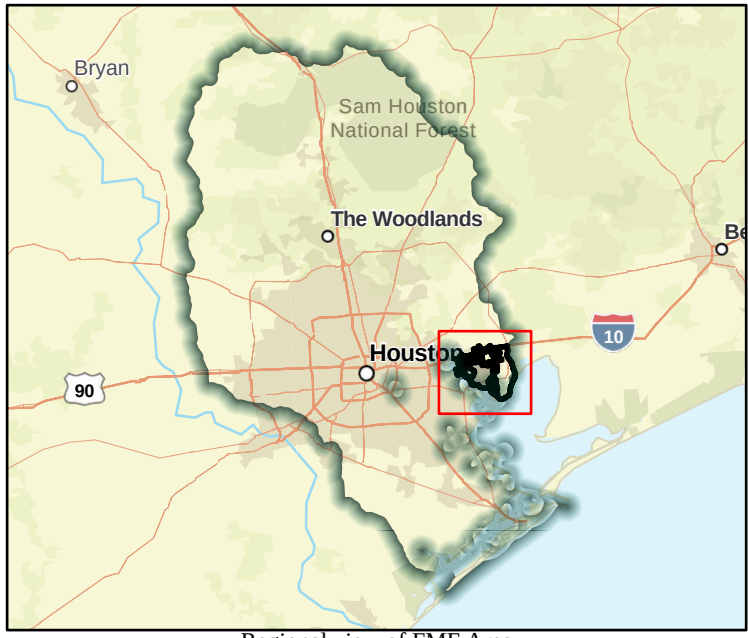
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	28,930	Structures at Risk	7,800	Critical Facilities at Risk	145
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	921.24	Impacted Roadway Miles	274.92
Low Water Crossings	13	Total Historical Road Closures	13	Residential at Risk	6,625



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Beach City Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000224 Sponsor Entity ID: 00-01-0000003344

Sponsor name: Beach City (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $291,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Chambers Existing/Anticipated Models? No New H&H Model? Yes

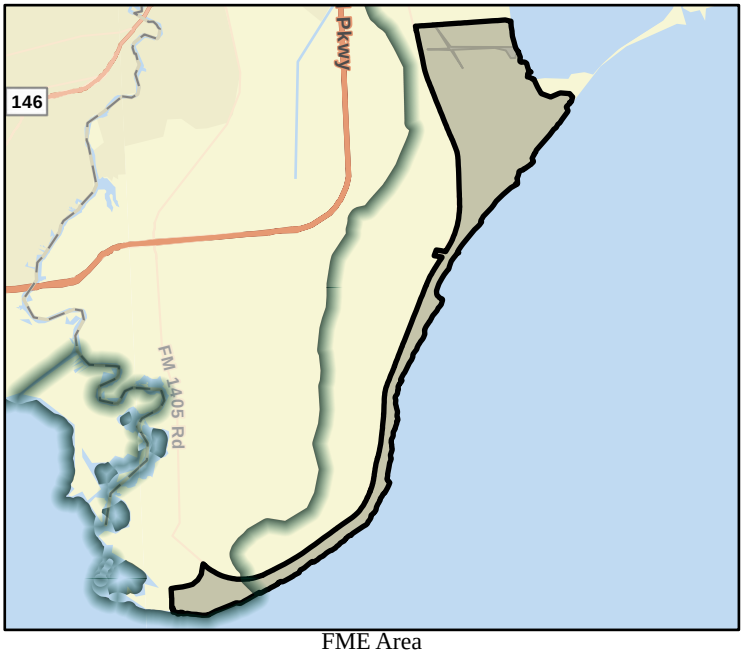
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 4.48 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	15	Structures at Risk	7	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	14.82	Impacted Roadway Miles	1.22
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	0



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bellaire Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000225 Sponsor Entity ID: 06-01-0000002854

Sponsor name: Bellaire (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,800,000

FME Description: Conduct planning study to produce a Master Drainage Plan for the City of Bellaire, identifying and developing specific flood-related capital improvements and implementation plans necessary to achieve a desired level of service / flood protection.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

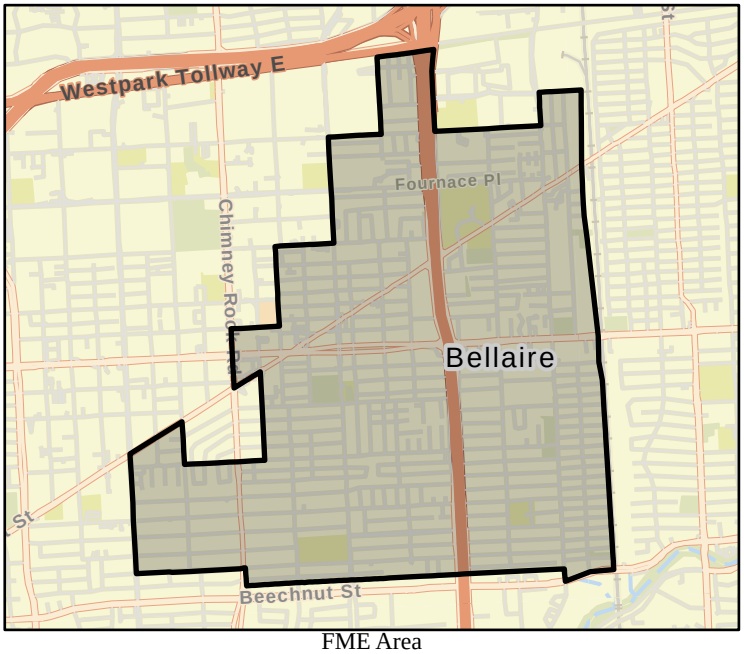
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 3.6 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	27,533	Structures at Risk	6,106	Critical Facilities at Risk	65
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	74.43
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	5,712



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Brookside Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000226 Sponsor Entity ID: 06-01-0000003024

Sponsor name: Brookside Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Brazoria Existing/Anticipated Models? No New H&H Model? Yes

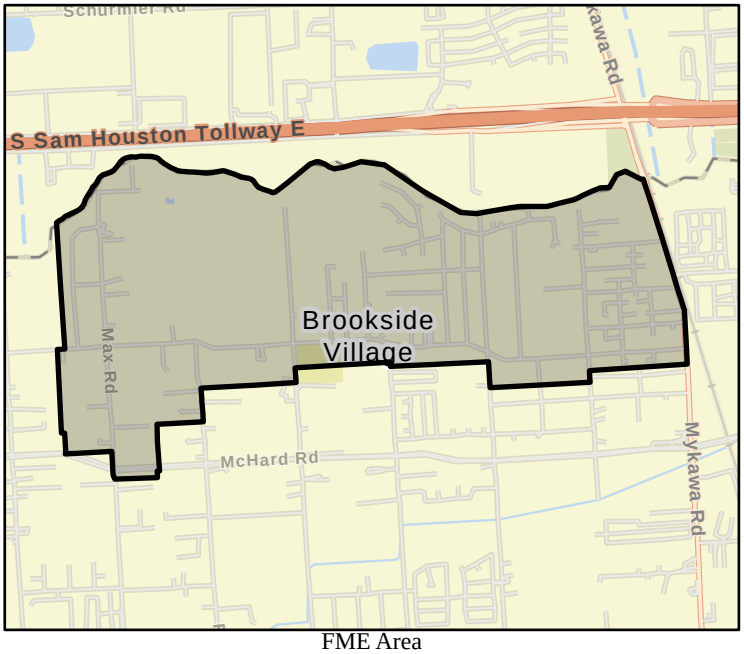
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.07 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,428	Structures at Risk	809	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	246.24	Impacted Roadway Miles	12.13
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	745



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Bunker Hill Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000227 Sponsor Entity ID: 06-01-0000002856

Sponsor name: Bunker Hill Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $206,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

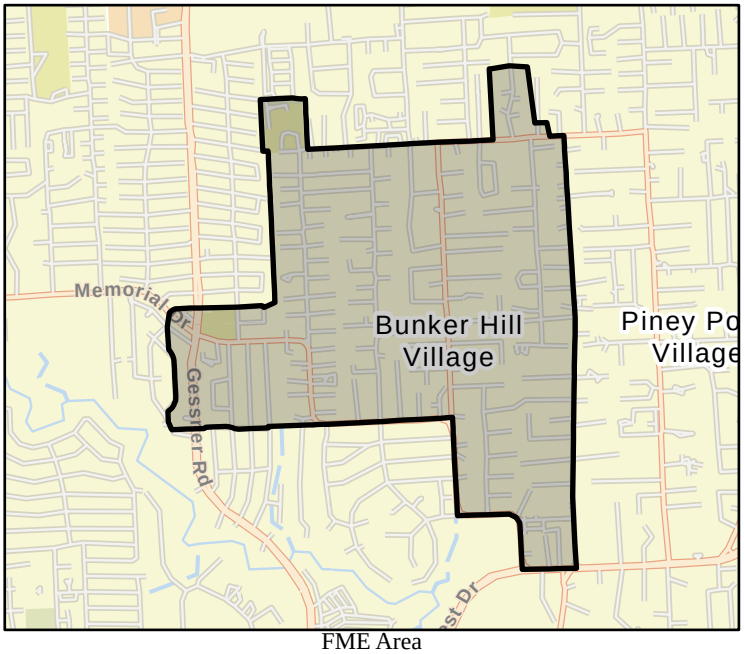
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.44 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,231	Structures at Risk	441	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	10.68
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	425



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Clear Lake Shores Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000228 Sponsor Entity ID: 06-01-0000002808

Sponsor name: Clear Lake Shores (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $170,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

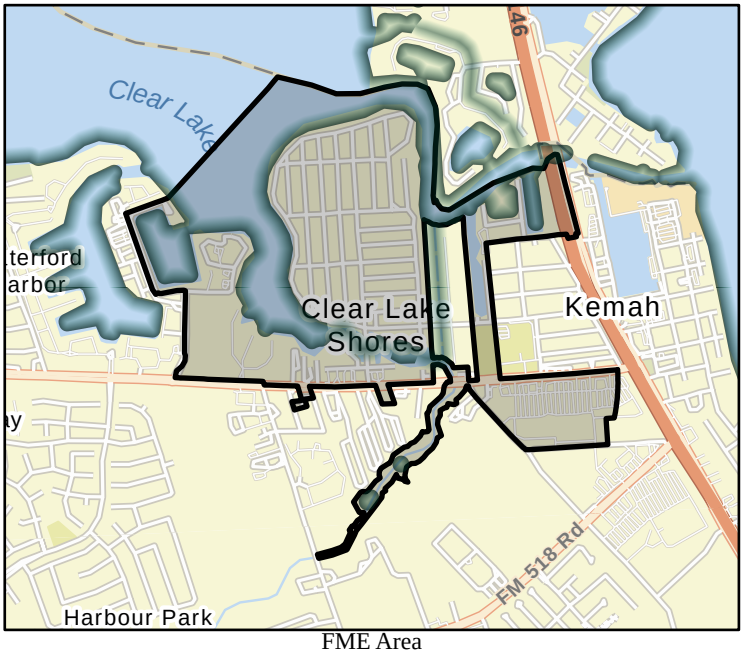
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 0.71 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,210	Structures at Risk	595	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	8.48
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	512



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Cleveland Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000229 Sponsor Entity ID: 06-01-0000002530

Sponsor name: Cleveland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $484,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

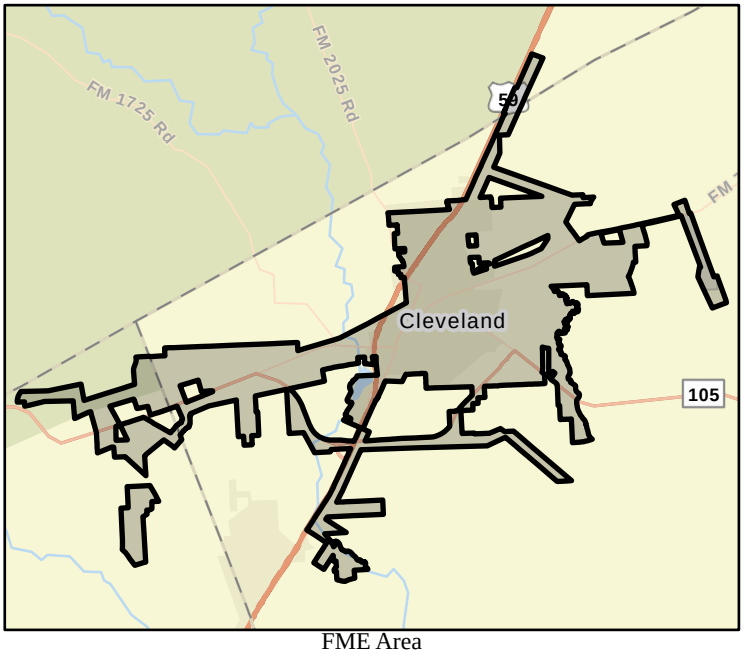
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 18.81 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,732	Structures at Risk	1,058	Critical Facilities at Risk	20
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	960.83	Impacted Roadway Miles	54.67
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	596



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Coldspring Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000230 Sponsor Entity ID: 00-01-0000003513

Sponsor name: Coldspring (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $218,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: San Jacinto Existing/Anticipated Models? No New H&H Model? Yes

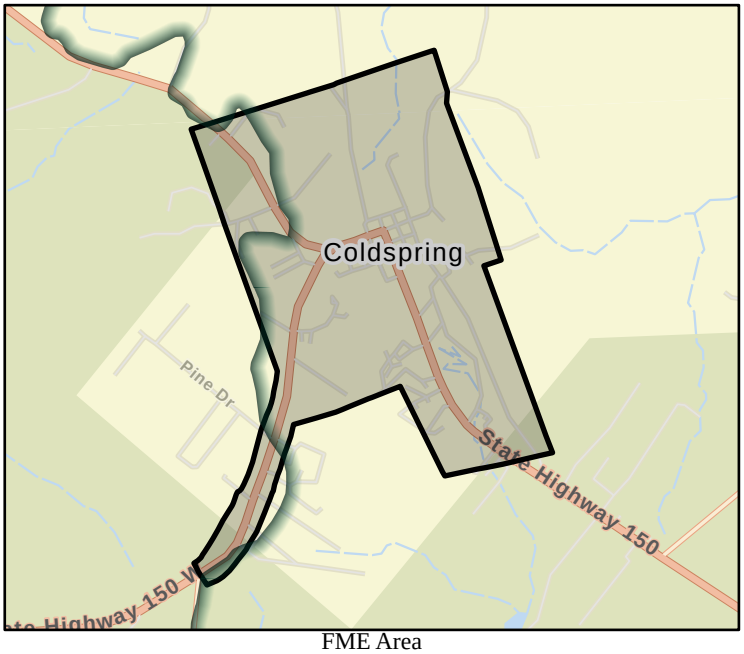
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.86 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	14	Structures at Risk	7	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.55	Impacted Roadway Miles	0
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	3



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Cut and Shoot Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000232 Sponsor Entity ID: 06-01-0000003018

Sponsor name: Cut and Shoot (Municipality)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Watershed Planning Est. FME Cost: $254,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

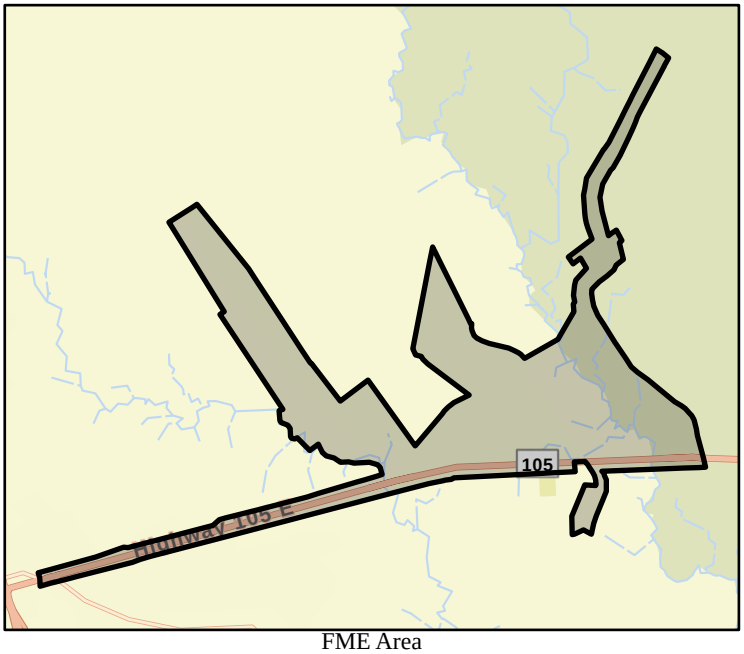
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.71 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	172	Structures at Risk	119	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	157.53	Impacted Roadway Miles	2.73
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	78



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Dayton Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000233 Sponsor Entity ID: 00-01-0000002531

Sponsor name: Dayton (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $131,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Liberty Existing/Anticipated Models? No New H&H Model? Yes

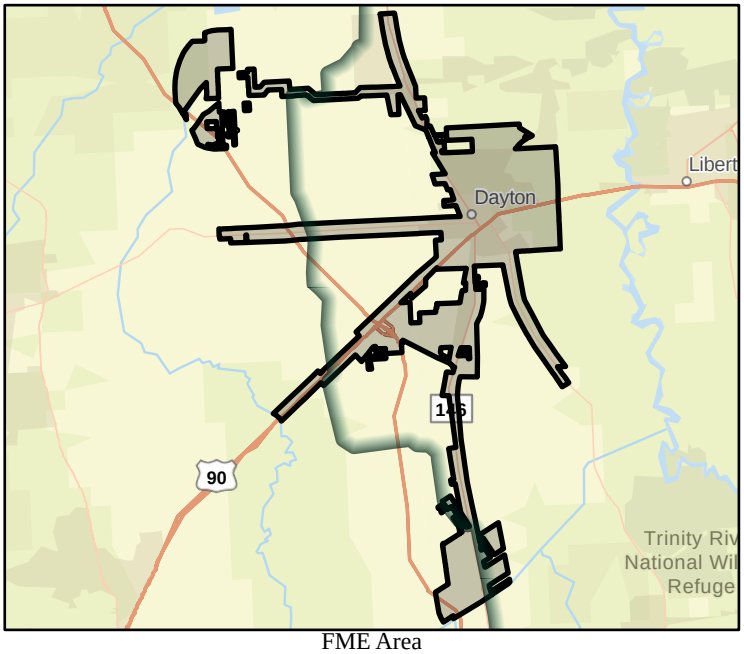
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 30.7 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	295	Structures at Risk	101	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2,313.03	Impacted Roadway Miles	4.53
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	67



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Deer Park Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000234 Sponsor Entity ID: 06-01-0000002857

Sponsor name: Deer Park (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $388,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

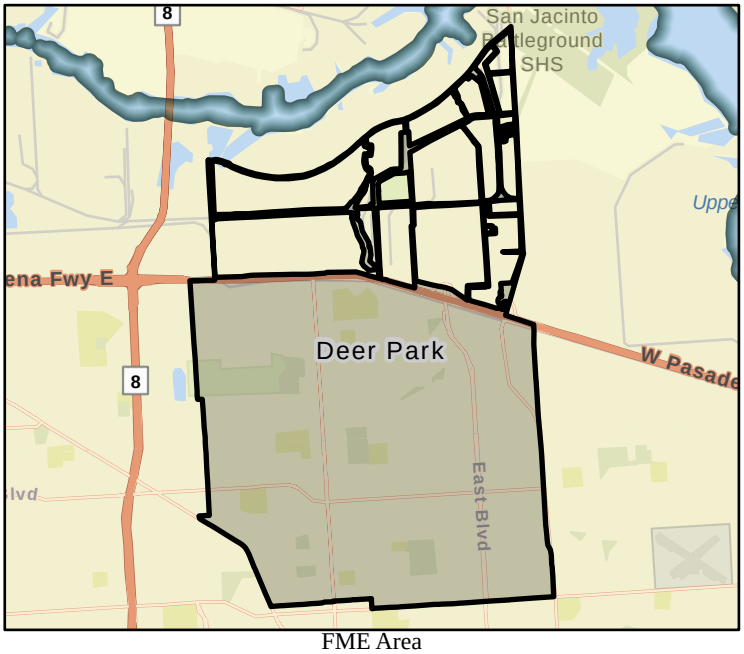
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 10.57 Assumptions/Relevant Context: N/A

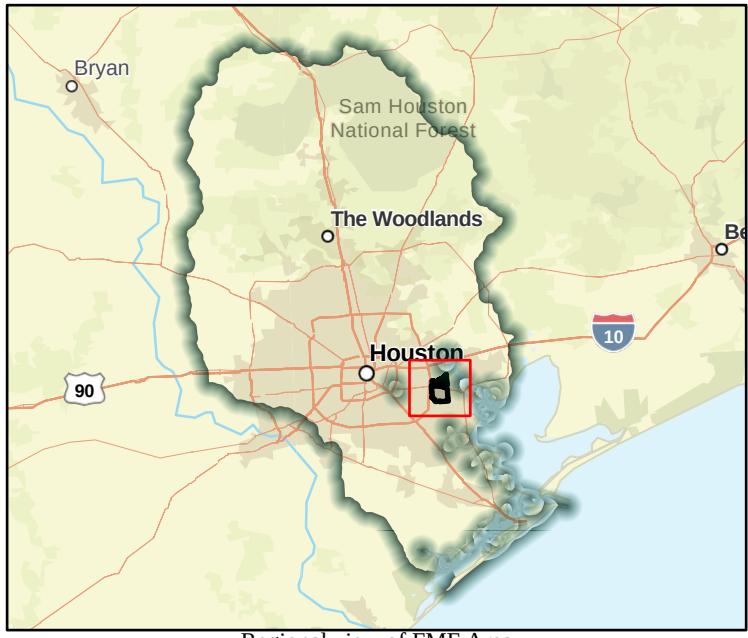
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	32,981	Structures at Risk	6,091	Critical Facilities at Risk	54
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	121.3	Impacted Roadway Miles	114.75
Low Water Crossings	4	Total Historical Road Closures	4	Residential at Risk	5,493



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Dickinson Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000235 Sponsor Entity ID: 06-01-0000003398

Sponsor name: Dickinson (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $388,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

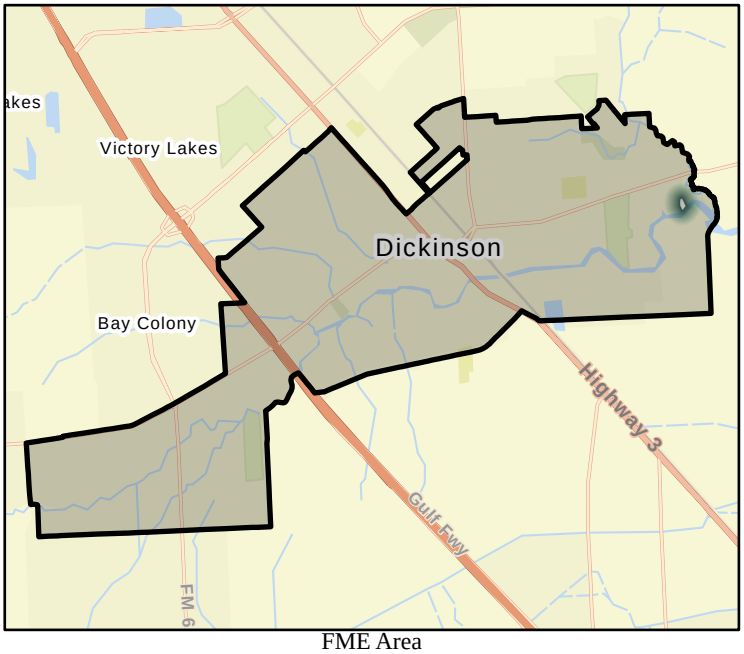
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 10.33 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	11,038	Structures at Risk	4,445	Critical Facilities at Risk	26
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	390.54	Impacted Roadway Miles	66.8
Low Water Crossings	8	Total Historical Road Closures	8	Residential at Risk	3,741



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of El Lago Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000236 Sponsor Entity ID: 06-01-0000002858

Sponsor name: El Lago (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $170,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

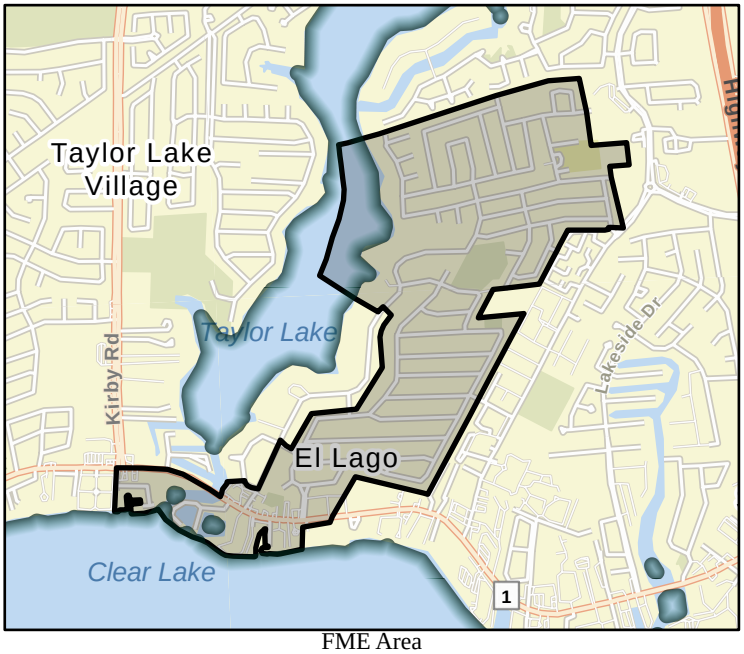
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.71 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,508	Structures at Risk	801	Critical Facilities at Risk	7
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0.67	Impacted Roadway Miles	10.1
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	748



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Fulshear Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000238 Sponsor Entity ID: 00-01-0000002923

Sponsor name: Fulshear (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $412,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Fort Bend Existing/Anticipated Models? No New H&H Model? Yes

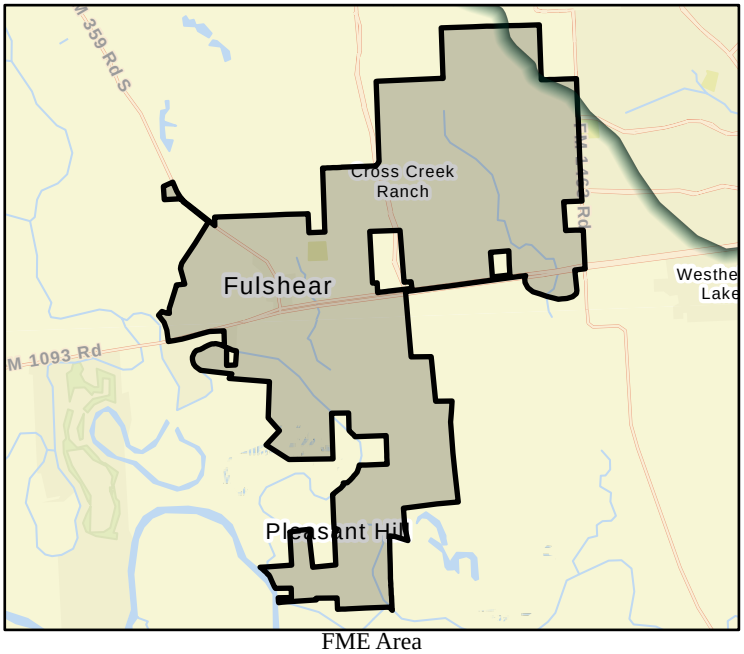
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 12.1 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	156	Structures at Risk	93	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2.89	Impacted Roadway Miles	1.55
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	90



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Galena Park Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000239 Sponsor Entity ID: 06-01-0000002452

Sponsor name: Galena Park (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $303,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

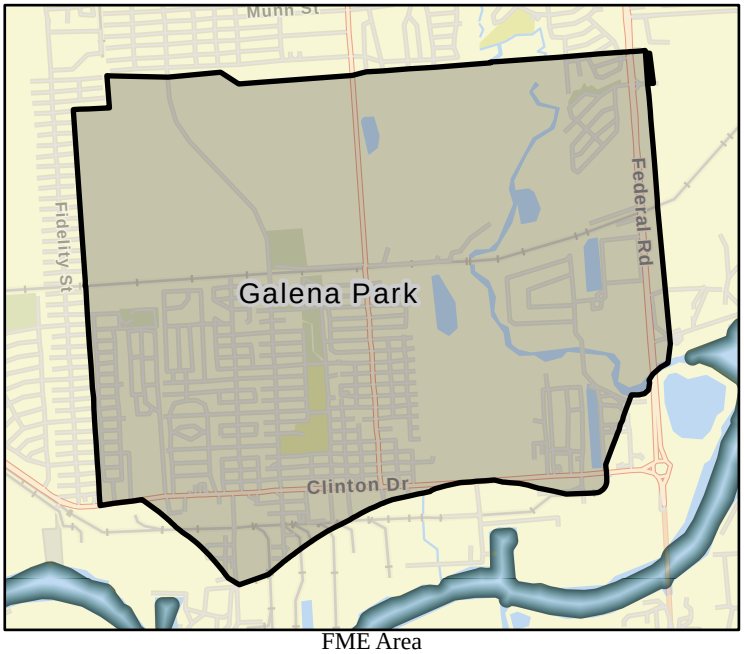
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 4.92 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,765	Structures at Risk	1,361	Critical Facilities at Risk	20
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	150.87	Impacted Roadway Miles	24.77
Low Water Crossings	8	Total Historical Road Closures	8	Residential at Risk	1,160



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Hedwig Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000241 Sponsor Entity ID: 06-01-0000002453

Sponsor name: Hedwig Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $182,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

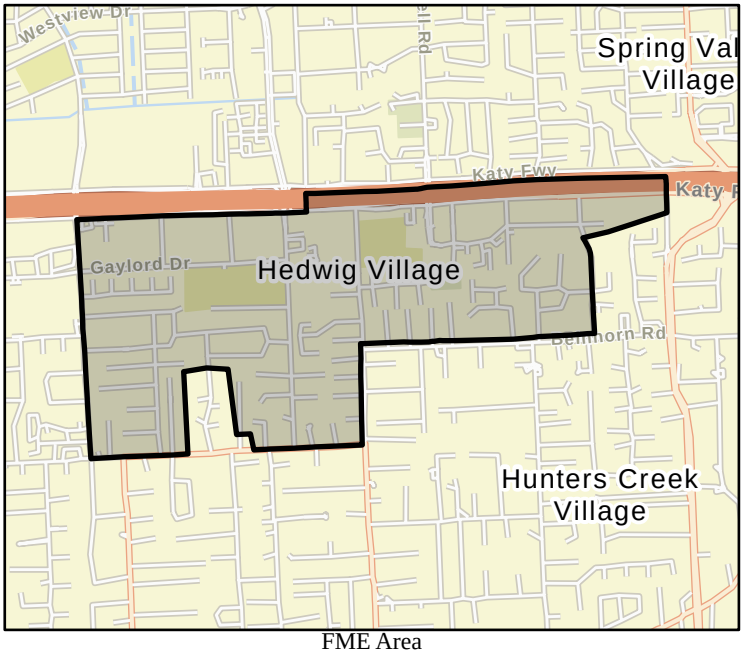
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 0.95 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	9,319	Structures at Risk	424	Critical Facilities at Risk	8
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	10.13
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	336



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Hillcrest Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000242 Sponsor Entity ID: 06-01-0000003026

Sponsor name: Hillcrest Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $157,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Brazoria Existing/Anticipated Models? No New H&H Model? Yes

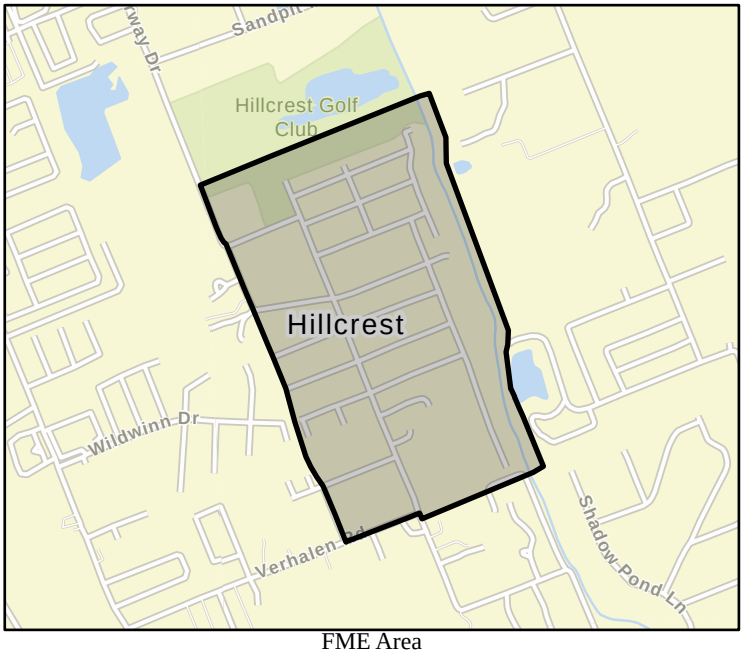
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 0.44 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	180	Structures at Risk	78	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4.59	Impacted Roadway Miles	1.37
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	74



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Hilshire Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000243 Sponsor Entity ID: 06-01-0000002454

Sponsor name: Hilshire Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $133,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

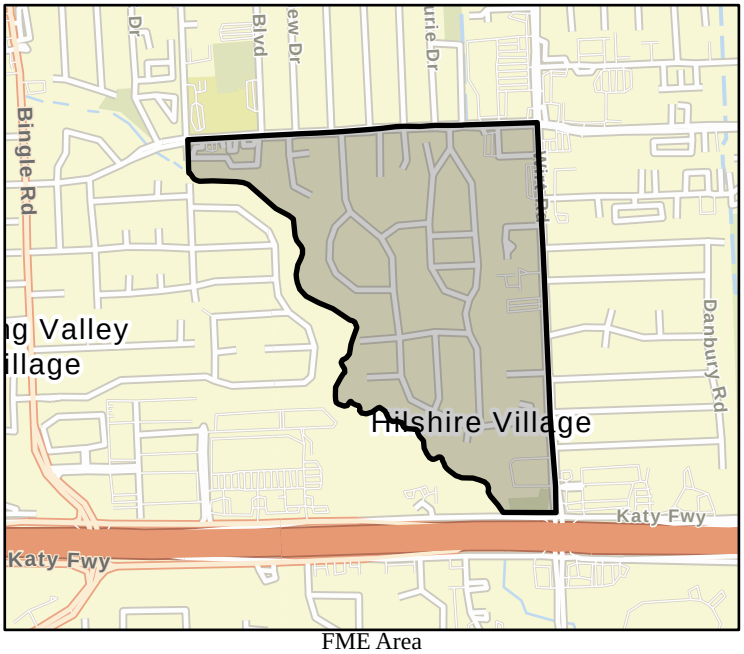
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 0.27 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	648	Structures at Risk	92	Critical Facilities at Risk	5
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	2.99
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	84



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Hitchcock Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000244 Sponsor Entity ID: 06-01-0000003145

Sponsor name: Hitchcock (Municipality)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Watershed Planning Est. FME Cost: $727,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

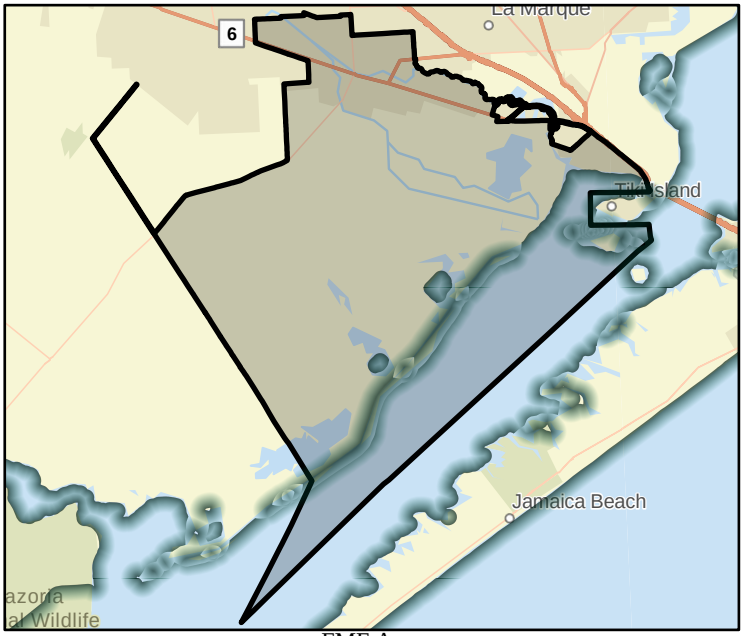
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 91.49 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,693	Structures at Risk	1,861	Critical Facilities at Risk	9
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5,747.06	Impacted Roadway Miles	29.7
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,556



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Humble Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000246 Sponsor Entity ID: 06-01-0000003597

Sponsor name: Humble (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $388,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

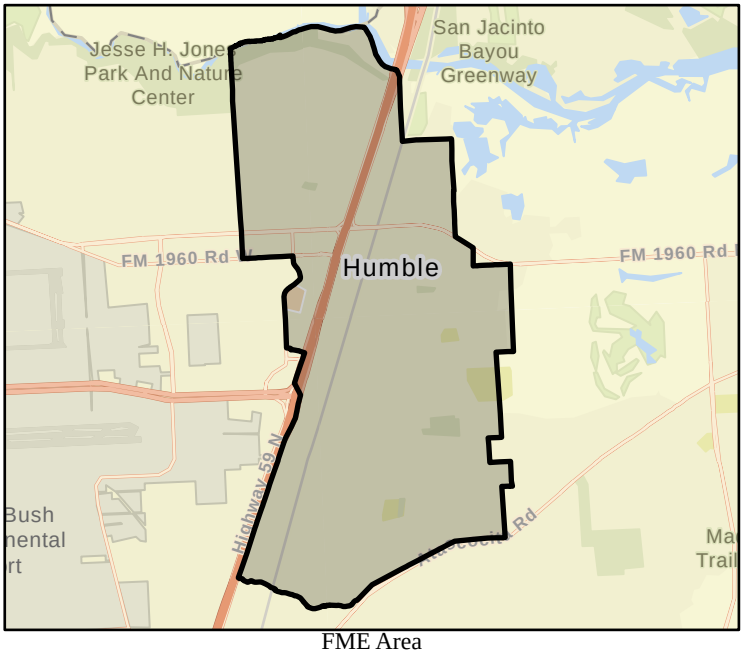
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 9.83 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	14,486	Structures at Risk	1,686	Critical Facilities at Risk	45
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	465.46	Impacted Roadway Miles	54
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	1,210



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Hunters Creek Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000247 Sponsor Entity ID: 06-01-0000002455

Sponsor name: Hunters Creek Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

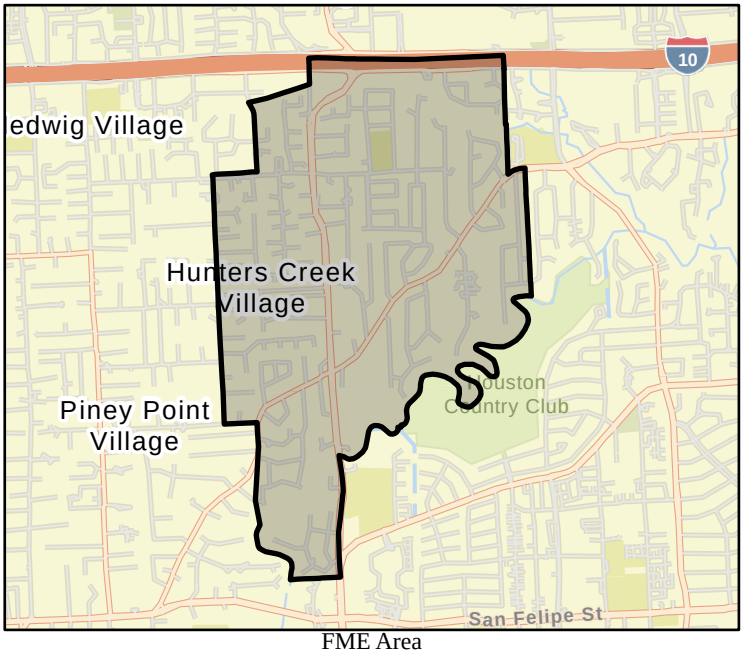
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.96 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,352	Structures at Risk	471	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	17.76
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	448



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Huntsville Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000248 Sponsor Entity ID: 00-01-0000002584

Sponsor name: Huntsville (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $606,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Walker Existing/Anticipated Models? No New H&H Model? Yes

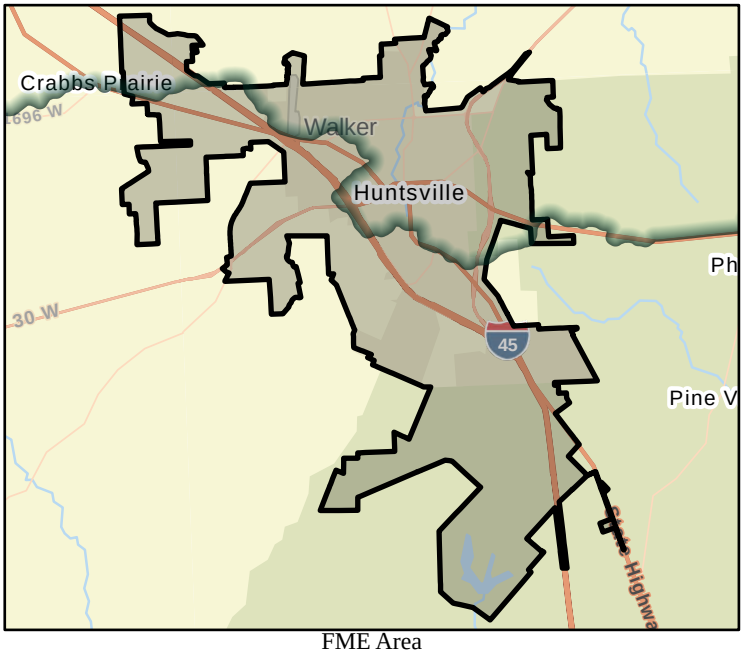
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 43.43 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	855	Structures at Risk	332	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	575.89	Impacted Roadway Miles	16.7
Low Water Crossings	6	Total Historical Road Closures	6	Residential at Risk	280



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Iowa Colony Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000249 Sponsor Entity ID: 06-01-0000002993

Sponsor name: Iowa Colony (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $375,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Brazoria Existing/Anticipated Models? No New H&H Model? Yes

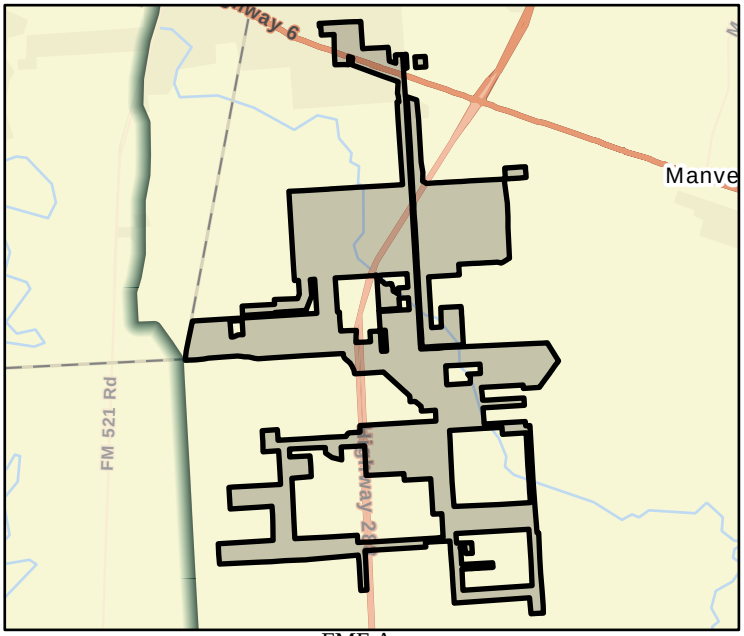
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 9.45 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	596	Structures at Risk	567	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,856.51	Impacted Roadway Miles	15.99
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	467



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Jacinto City Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000250 Sponsor Entity ID: 06-01-0000002456

Sponsor name: Jacinto City (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $218,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

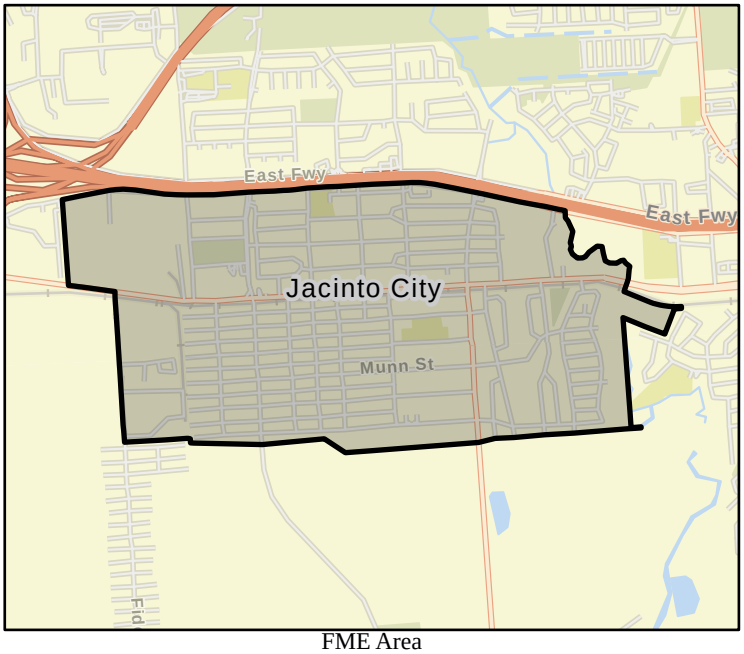
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.85 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,022	Structures at Risk	1,494	Critical Facilities at Risk	16
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.97	Impacted Roadway Miles	17.22
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	1,342



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Jamaica Beach Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000251 Sponsor Entity ID: 06-01-0000002810

Sponsor name: Jamaica Beach (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $170,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

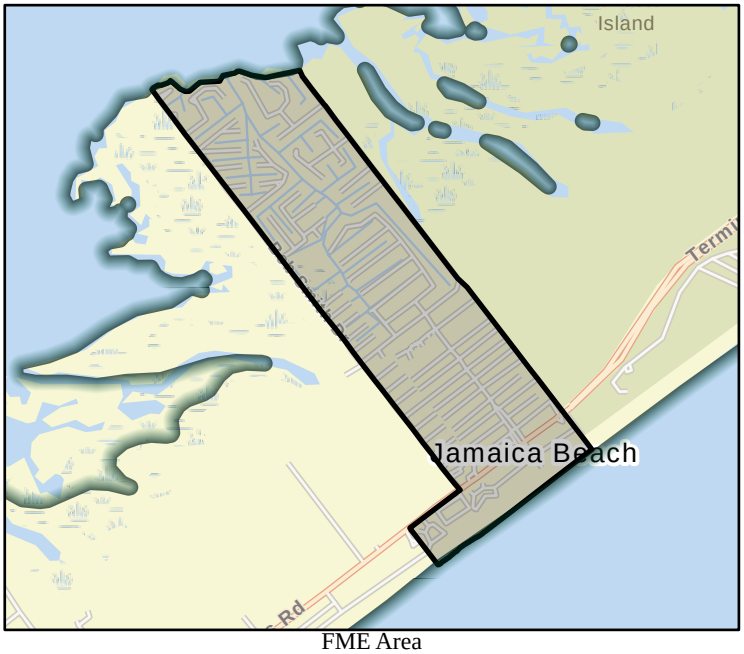
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	273	Structures at Risk	1,273	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0.03	Impacted Roadway Miles	13.77
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,235



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Katy Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000253 Sponsor Entity ID: 06-01-0000002794

Sponsor name: Katy (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $436,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

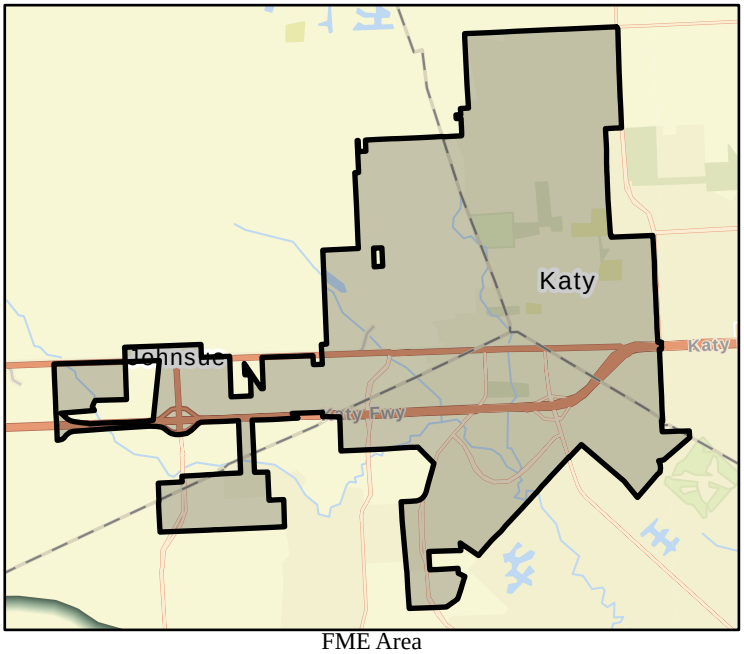
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 14.57 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	19,808	Structures at Risk	3,472	Critical Facilities at Risk	67
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,185.24	Impacted Roadway Miles	103.03
Low Water Crossings	6	Total Historical Road Closures	6	Residential at Risk	2,848



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Kemah Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000254 Sponsor Entity ID: 06-01-0000003396

Sponsor name: Kemah (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

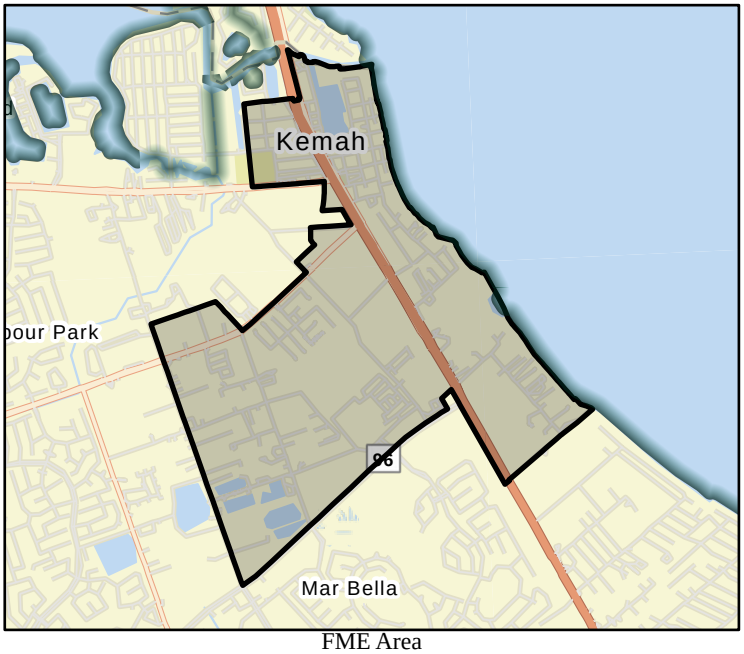
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.91 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,935	Structures at Risk	670	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	20.49	Impacted Roadway Miles	12.09
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	475



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of La Marque Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000255 Sponsor Entity ID: 06-01-0000003146

Sponsor name: La Marque (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $436,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

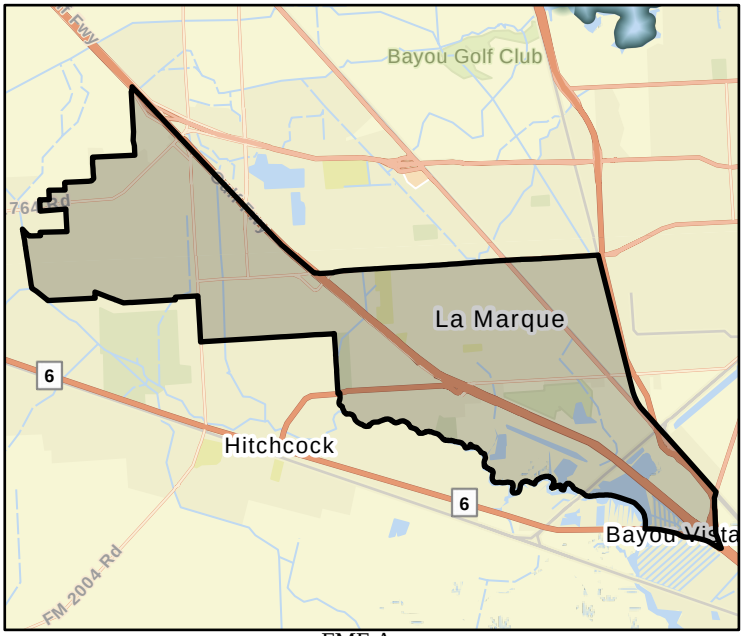
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 14.28 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,426	Structures at Risk	2,718	Critical Facilities at Risk	25
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	811.02	Impacted Roadway Miles	65.67
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	2,315



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of La Porte Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000256 Sponsor Entity ID: 06-01-0000002834

Sponsor name: La Porte (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $497,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

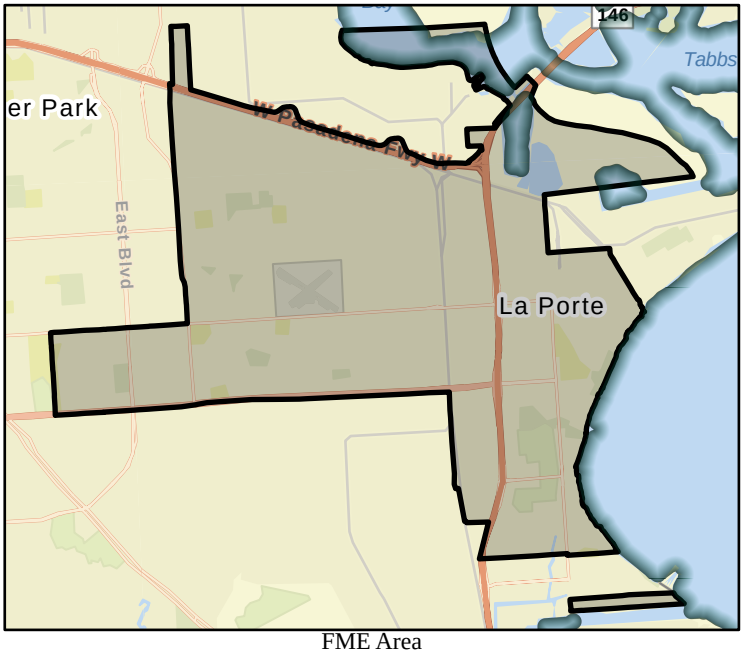
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 19.9 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	21,566	Structures at Risk	8,961	Critical Facilities at Risk	61
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	407.13	Impacted Roadway Miles	163.53
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	7,805



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of League City Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000257 Sponsor Entity ID: 06-01-0000003147

Sponsor name: League City (Municipality)

RFPG recommend? Yes Reason for Recommendation: Sponsor no longer interested in pursuing.

FME Details

FME Type: Watershed Planning Est. FME Cost: $703,000

FME Description: Project would be a drainage model building off the recently completed CoLC 2-D Drainage Model and expand this model in the City's subdivisions and neighborhoods. It would be intended for this to be done in phases with areas where FEMA has had a high conc

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

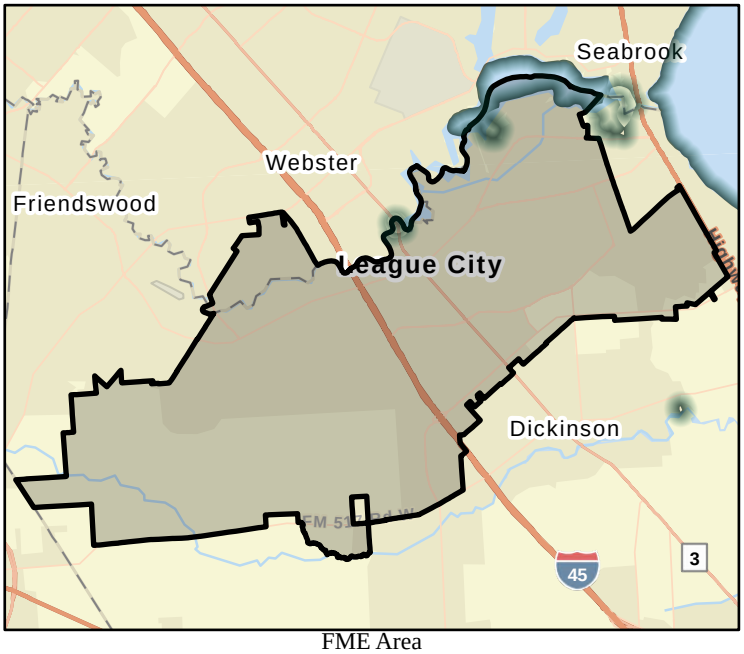
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 53.06 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	36,844	Structures at Risk	13,764	Critical Facilities at Risk	72
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5,751.61	Impacted Roadway Miles	356.81
Low Water Crossings	21	Total Historical Road Closures	21	Residential at Risk	12,903



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Liverpool Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000258 Sponsor Entity ID: 06-01-0000003027

Sponsor name: Liverpool (Municipality)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Watershed Planning Est. FME Cost: $194,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Brazoria Existing/Anticipated Models? No New H&H Model? Yes

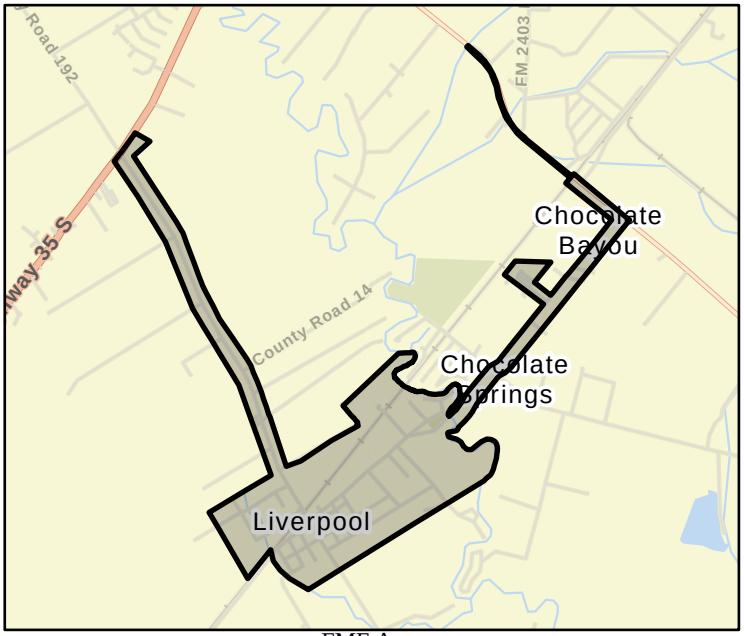
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	244	Structures at Risk	292	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	222.94	Impacted Roadway Miles	5.77
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	220



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Magnolia Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000259 Sponsor Entity ID: 06-01-0000002534

Sponsor name: Magnolia (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $254,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

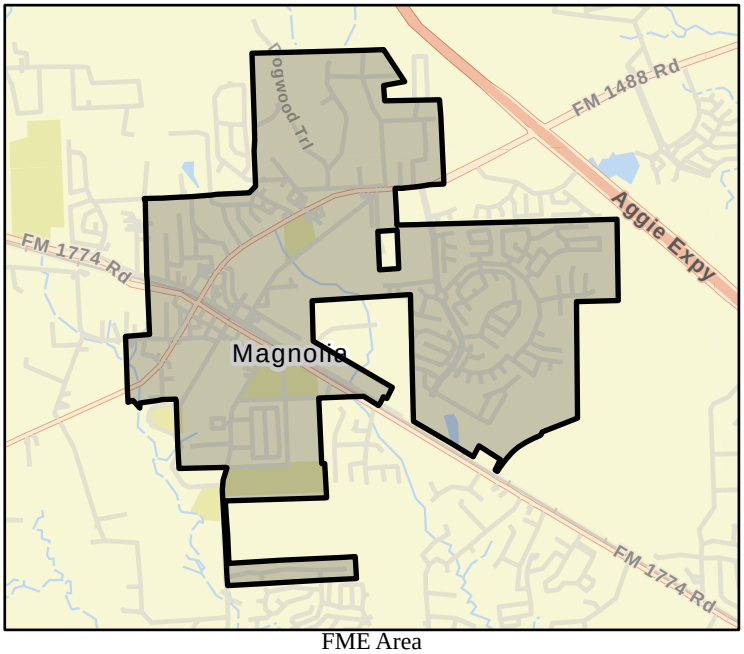
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.88 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	94	Structures at Risk	37	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	75.09	Impacted Roadway Miles	0.98
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	27



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Manvel Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000260 Sponsor Entity ID: 06-01-0000002985

Sponsor name: Manvel (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $557,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Brazoria Existing/Anticipated Models? No New H&H Model? Yes

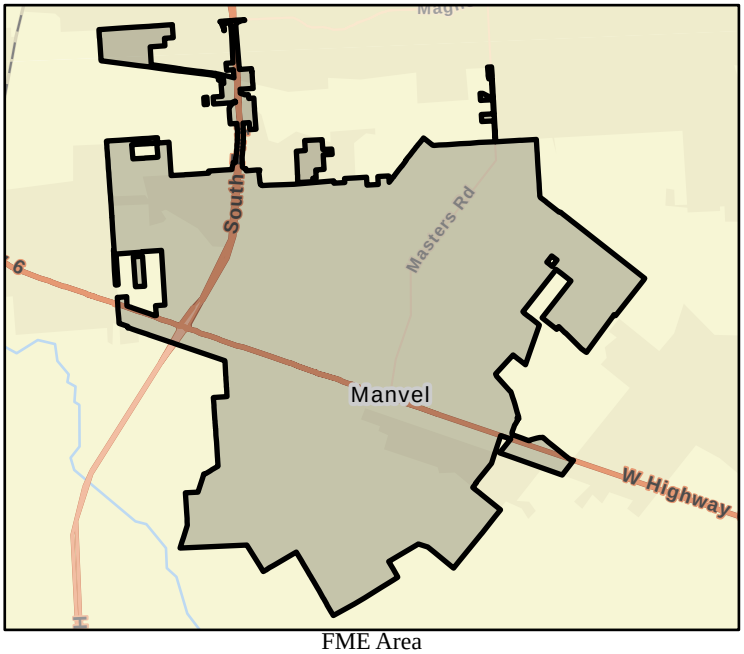
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 27.5 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	983	Structures at Risk	634	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4,011.1	Impacted Roadway Miles	24.11
Low Water Crossings	6	Total Historical Road Closures	6	Residential at Risk	485



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Meadows Place Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000261 Sponsor Entity ID: 06-01-0000002934

Sponsor name: Meadows Place (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $182,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Fort Bend Existing/Anticipated Models? No New H&H Model? Yes

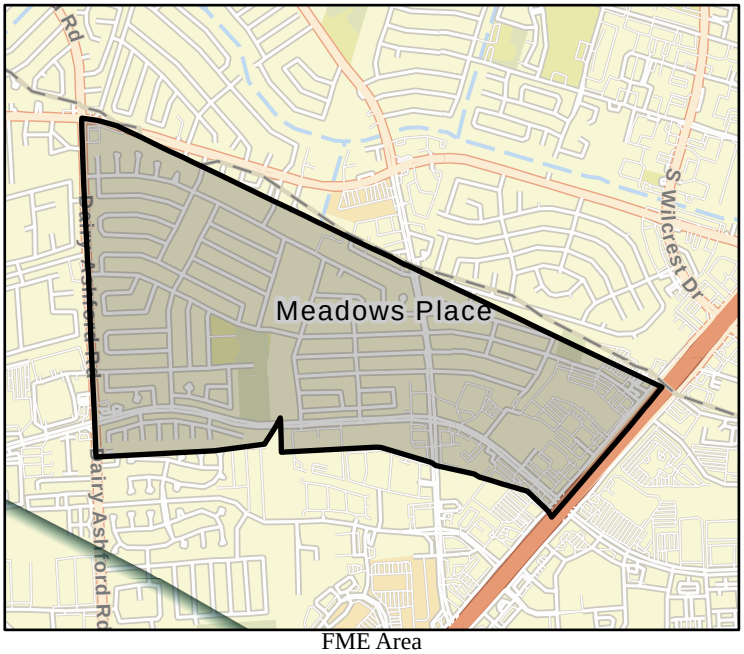
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 0.93 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,341	Structures at Risk	1,177	Critical Facilities at Risk	11
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	15.91
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	1,128



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Missouri City Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000262 Sponsor Entity ID: 00-01-0000002789

Sponsor name: Missouri City (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $569,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

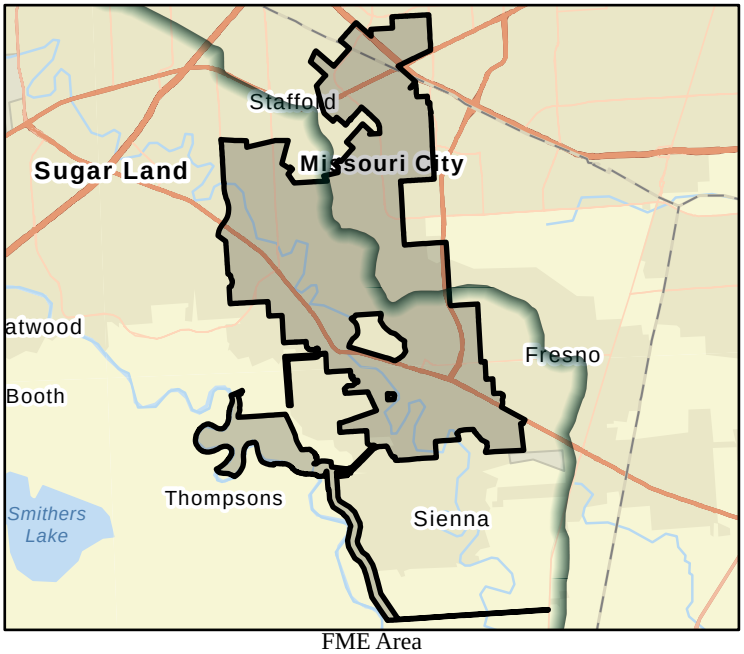
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 30.39 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	10,946	Structures at Risk	3,855	Critical Facilities at Risk	11
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	197.07	Impacted Roadway Miles	68.4
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	3,600



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Mont Belvieu Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000263 Sponsor Entity ID: 00-01-0000003573

Sponsor name: Mont Belvieu (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $472,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

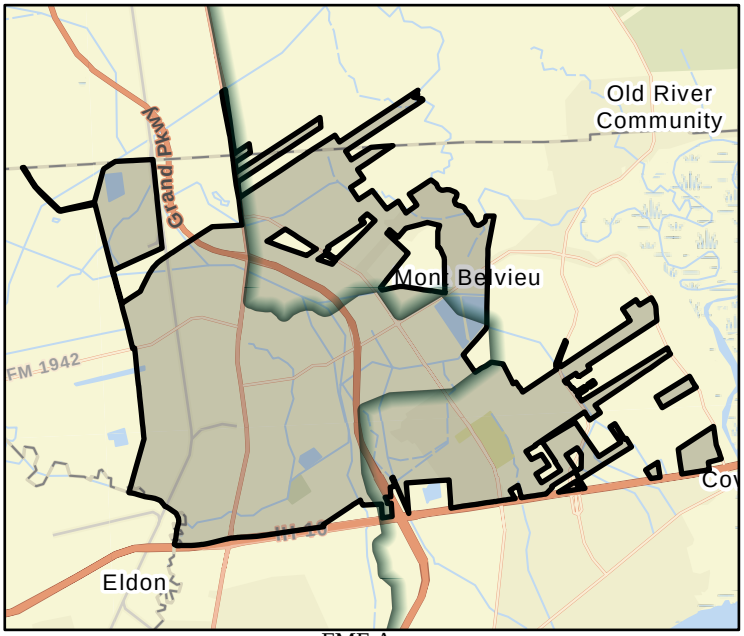
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 17.26 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	855	Structures at Risk	272	Critical Facilities at Risk	22
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	573.58	Impacted Roadway Miles	9.24
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	40



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Montgomery Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000264 Sponsor Entity ID: 06-01-0000003268

Sponsor name: Montgomery (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $303,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

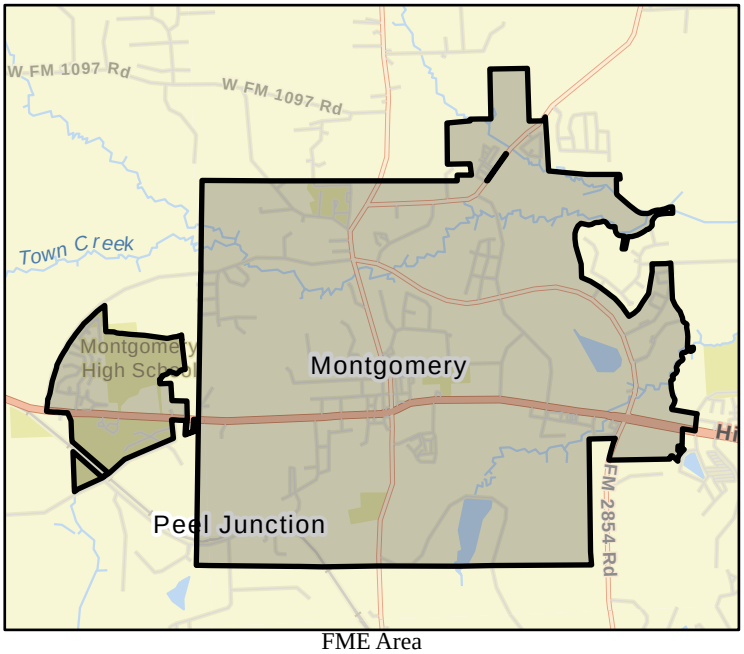
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 5.12 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	54	Structures at Risk	53	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	218.68	Impacted Roadway Miles	1.43
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	33



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Morgan's Point Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000265 Sponsor Entity ID: 06-01-0000002493

Sponsor name: Morgan's Point (Municipality)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

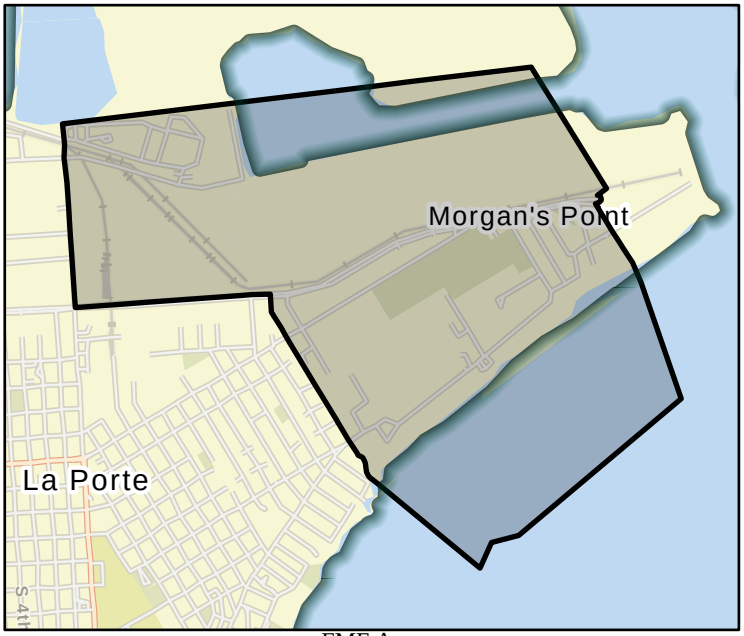
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.23 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	727	Structures at Risk	98	Critical Facilities at Risk	9
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	45.93	Impacted Roadway Miles	2.98
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	58



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Nassau Bay Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000266 Sponsor Entity ID: 06-01-0000002494

Sponsor name: Nassau Bay (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $218,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

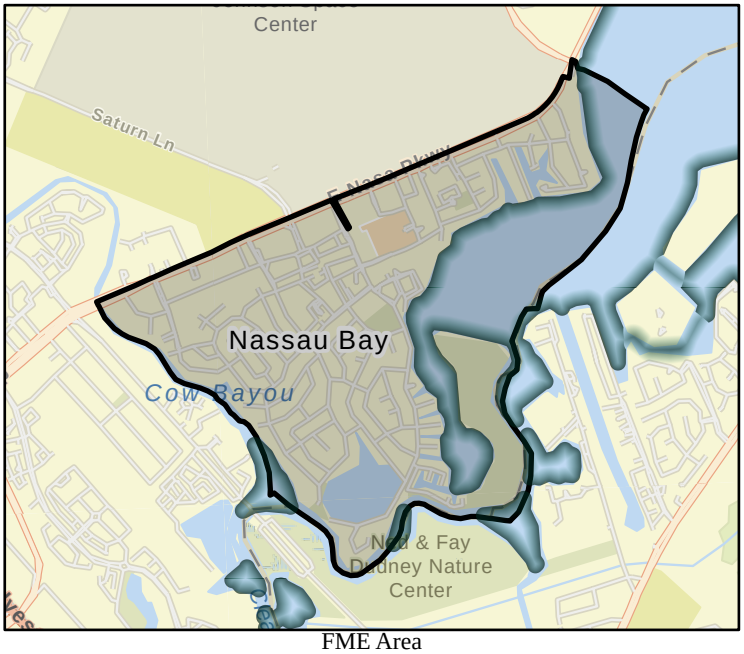
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.74 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,737	Structures at Risk	1,061	Critical Facilities at Risk	25
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	18.98
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	974



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of New Waverly Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000267 Sponsor Entity ID: 06-01-0000003391

Sponsor name: New Waverly (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Walker Existing/Anticipated Models? No New H&H Model? Yes

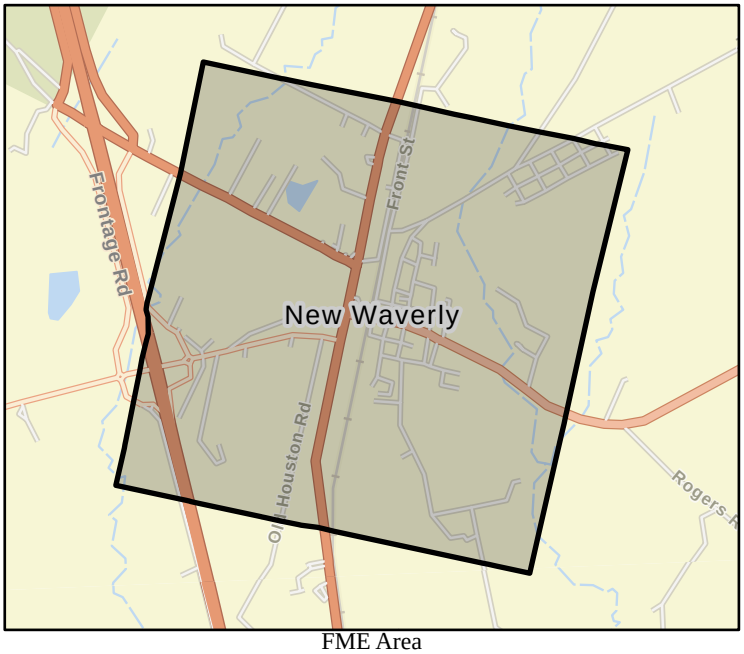
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.22 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	26	Structures at Risk	29	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	80.73	Impacted Roadway Miles	1.43
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	21



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of North Cleveland Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000268 Sponsor Entity ID: 06-01-0000002646

Sponsor name: North Cleveland (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Liberty Existing/Anticipated Models? No New H&H Model? Yes

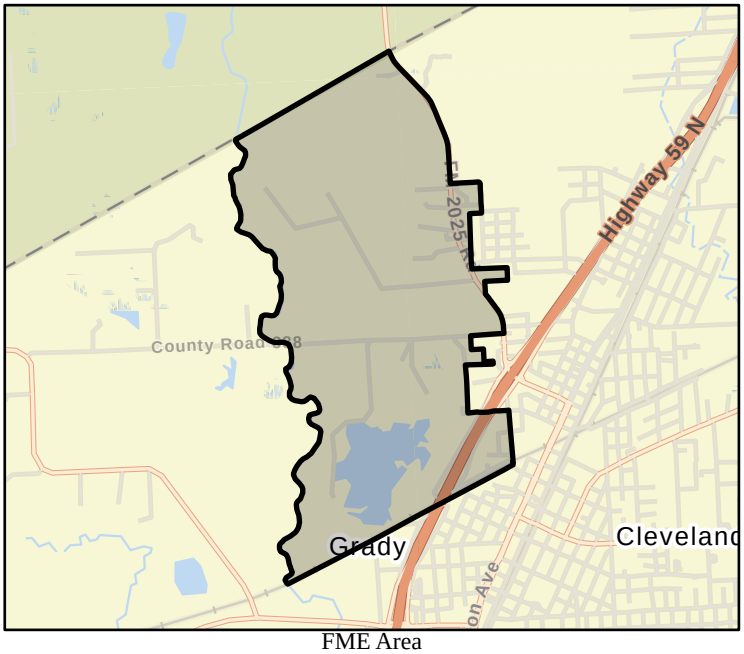
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.92 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47	Structures at Risk	59	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	160.36	Impacted Roadway Miles	3.72
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	42



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Oak Ridge North Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000269 Sponsor Entity ID: 06-01-0000002535

Sponsor name: Oak Ridge North (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $206,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

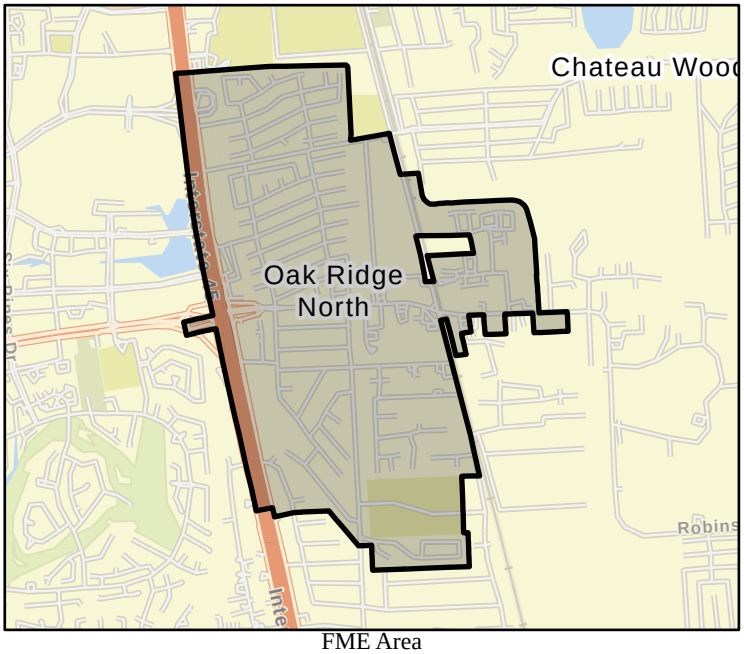
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.45 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	904	Structures at Risk	288	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.48	Impacted Roadway Miles	7.66
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	248



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Panorama Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000270 Sponsor Entity ID: 06-01-0000002536

Sponsor name: Panorama Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $194,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

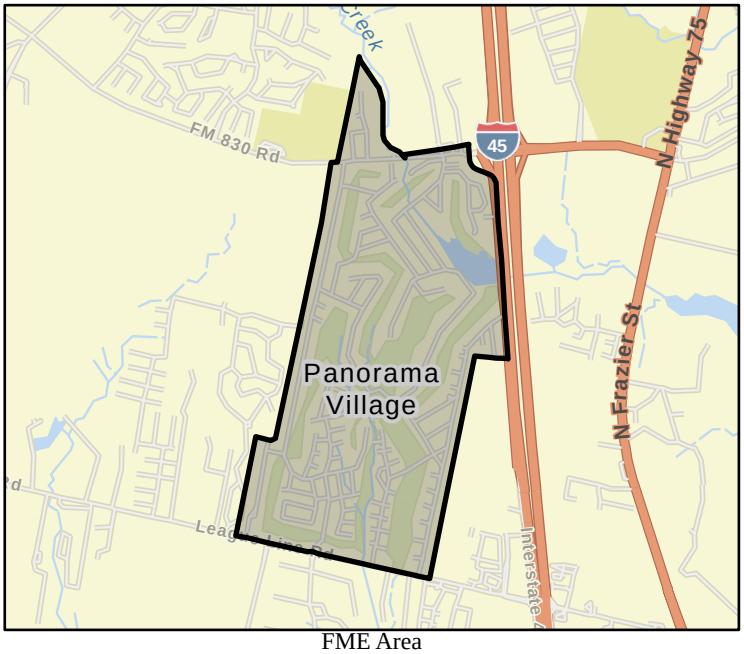
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	262	Structures at Risk	153	Critical Facilities at Risk	8
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5.46	Impacted Roadway Miles	2.12
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	134



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Pasadena Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000271 Sponsor Entity ID: 06-01-0000003307

Sponsor name: Pasadena (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $666,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

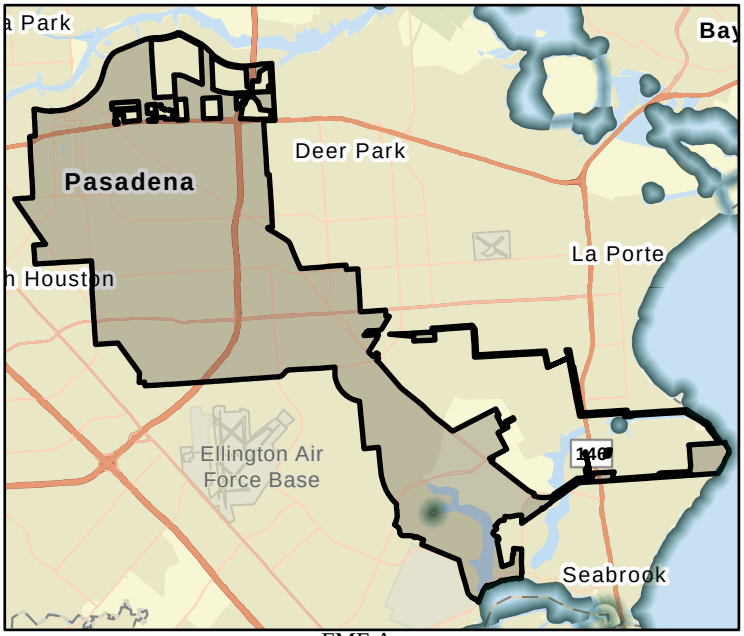
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 44.74 Assumptions/Relevant Context: N/A

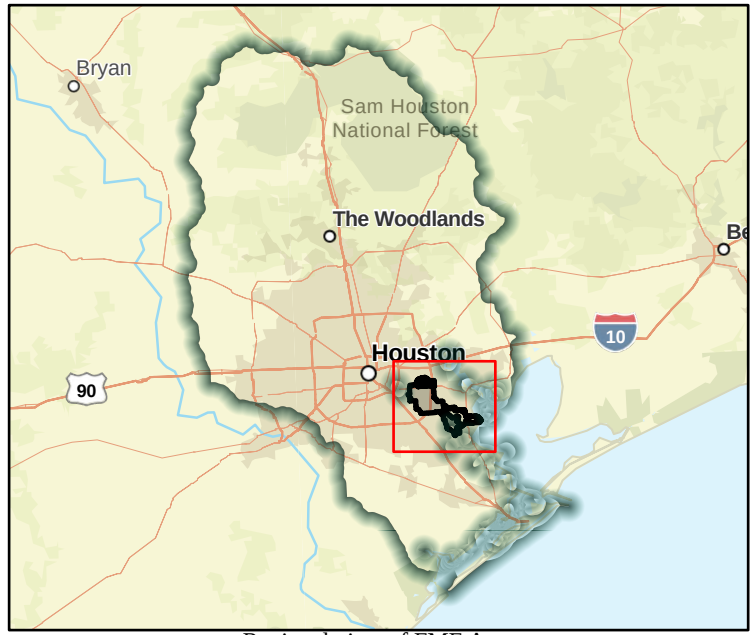
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	84,006	Structures at Risk	23,734	Critical Facilities at Risk	210
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,127.06	Impacted Roadway Miles	409.7
Low Water Crossings	20	Total Historical Road Closures	20	Residential at Risk	20,202



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Patton Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000272 Sponsor Entity ID: 06-01-0000002419

Sponsor name: Patton Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $242,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

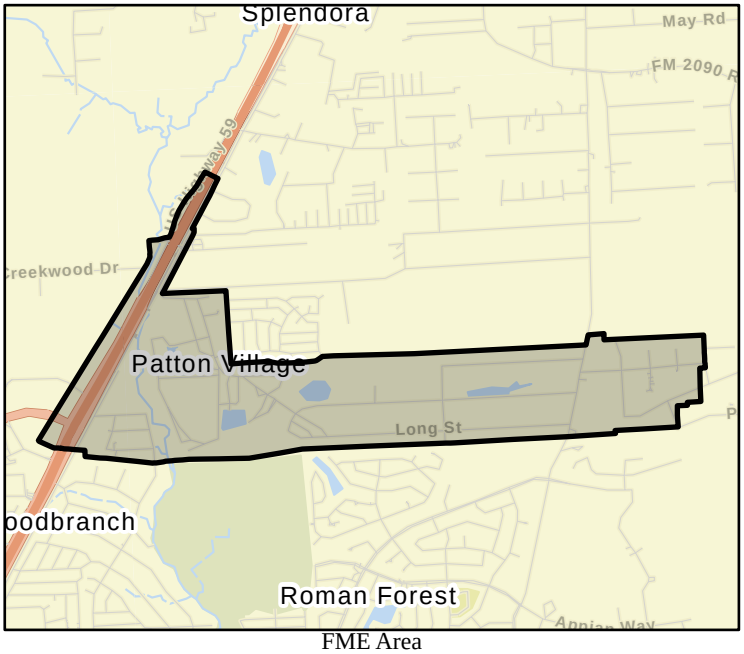
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.41 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	778	Structures at Risk	547	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	234.64	Impacted Roadway Miles	16.4
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	470



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Piney Point Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000274 Sponsor Entity ID: 06-01-0000002495

Sponsor name: Piney Point Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

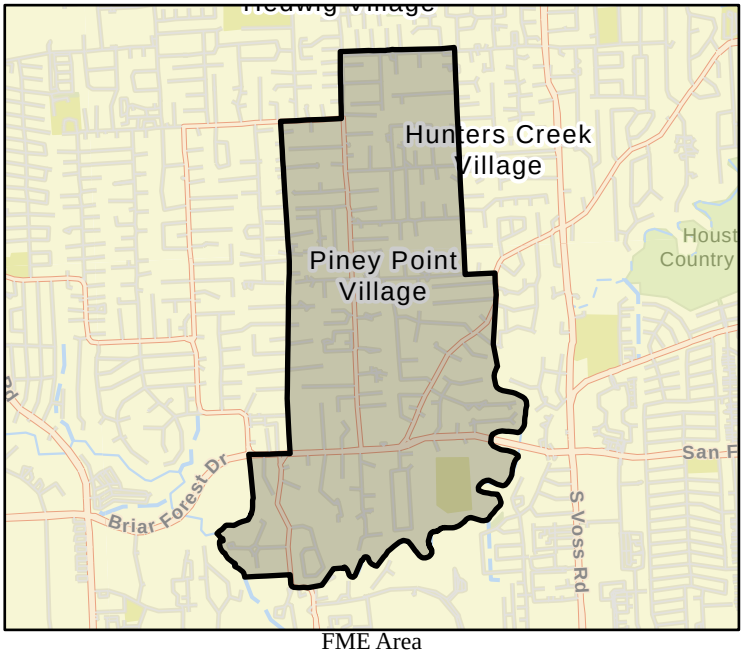
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.13 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,598	Structures at Risk	500	Critical Facilities at Risk	18
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	2.08	Impacted Roadway Miles	12.88
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	459



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Plantersville Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000275 Sponsor Entity ID: 06-01-0000002950

Sponsor name: Plantersville (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Grimes Existing/Anticipated Models? No New H&H Model? Yes

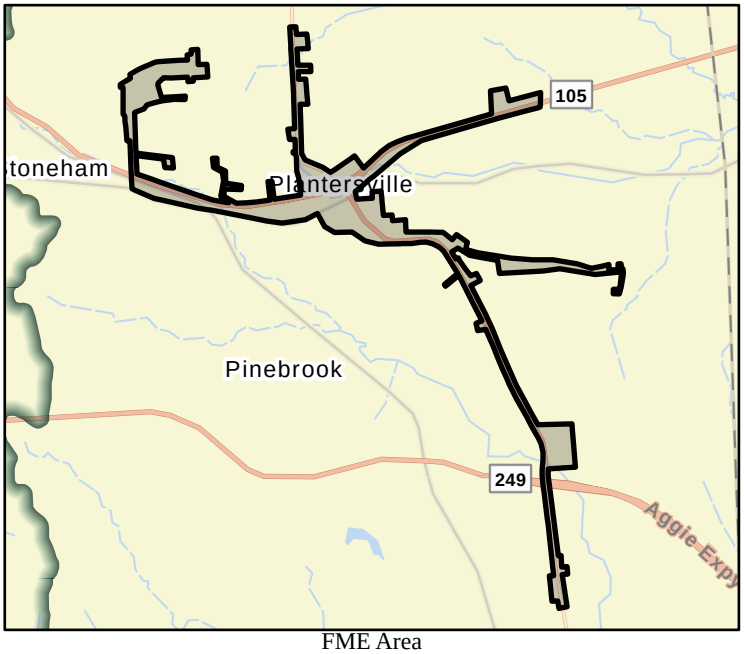
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.99 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	58	Structures at Risk	66	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	71.91	Impacted Roadway Miles	1.56
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	33



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Plum Grove Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000276 Sponsor Entity ID: 06-01-0000002647

Sponsor name: Plum Grove (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $279,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Liberty Existing/Anticipated Models? No New H&H Model? Yes

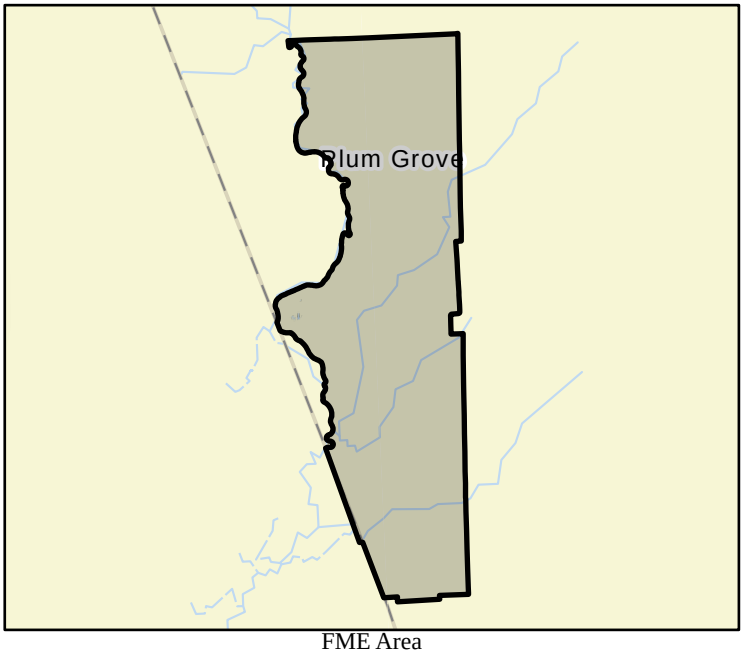
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.63 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	564	Structures at Risk	428	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	644.02	Impacted Roadway Miles	9.56
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	313



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Prairie View Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000277 Sponsor Entity ID: 00-01-0000003390

Sponsor name: Prairie View (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $351,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Waller Existing/Anticipated Models? No New H&H Model? Yes

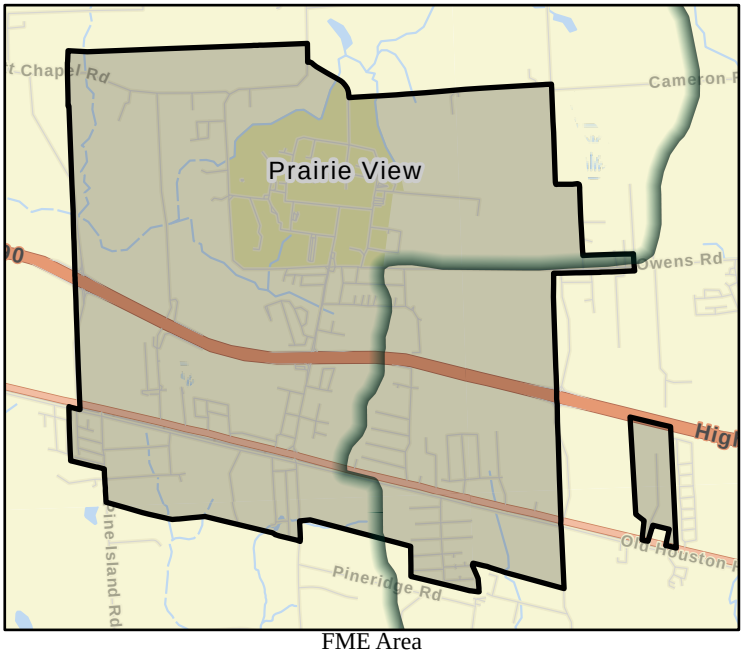
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 7.35 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	54	Structures at Risk	63	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	269.79	Impacted Roadway Miles	1.46
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	40



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Roman Forest Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000278 Sponsor Entity ID: 06-01-0000002420

Sponsor name: Roman Forest (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

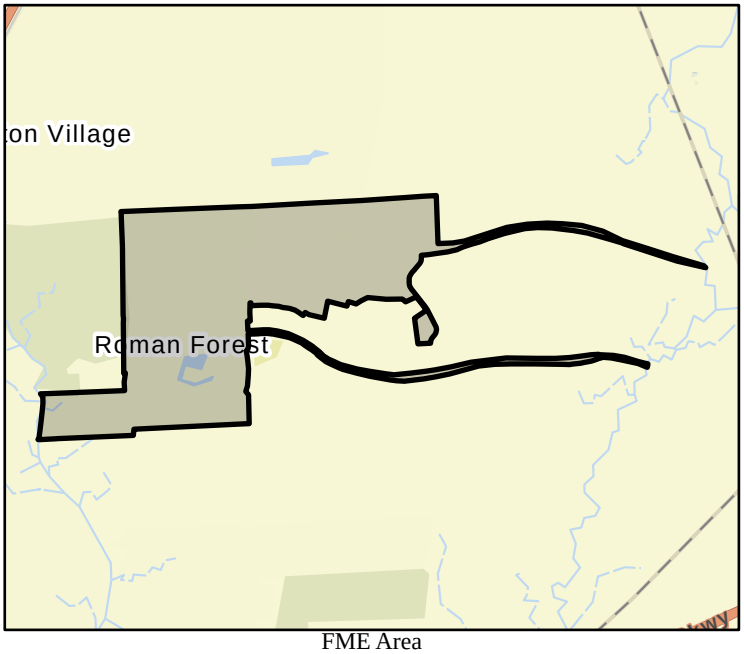
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.2 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	614	Structures at Risk	202	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	46.27	Impacted Roadway Miles	4.69
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	174



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title: City of Santa Fe Master Drainage Plan

FME ID: 06-51-0000000279 Sponsor Entity ID: 06-01-0000003149

Sponsor name: Santa Fe (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $460,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

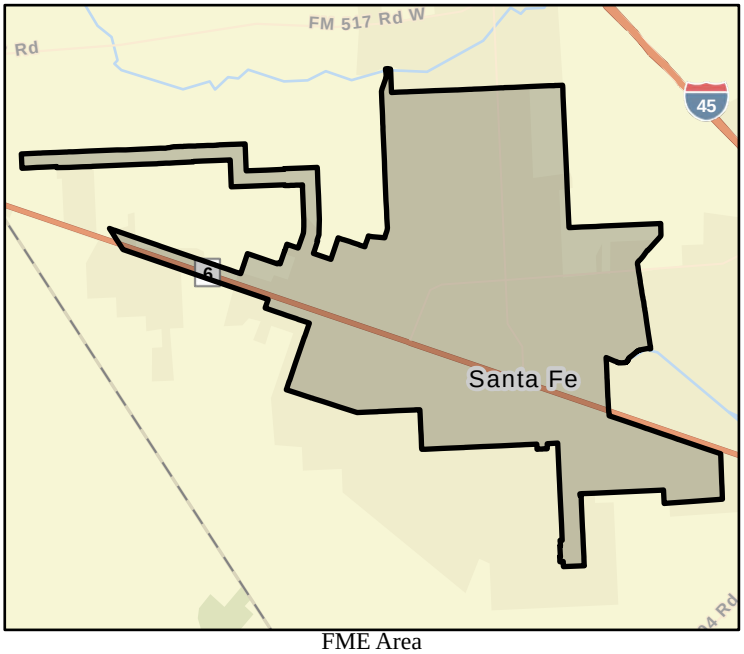
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 17.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,353	Structures at Risk	2,282	Critical Facilities at Risk	13
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,195.09	Impacted Roadway Miles	26.47
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	1,888



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Seabrook Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000280 Sponsor Entity ID: 06-01-0000003512

Sponsor name: Seabrook (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $509,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

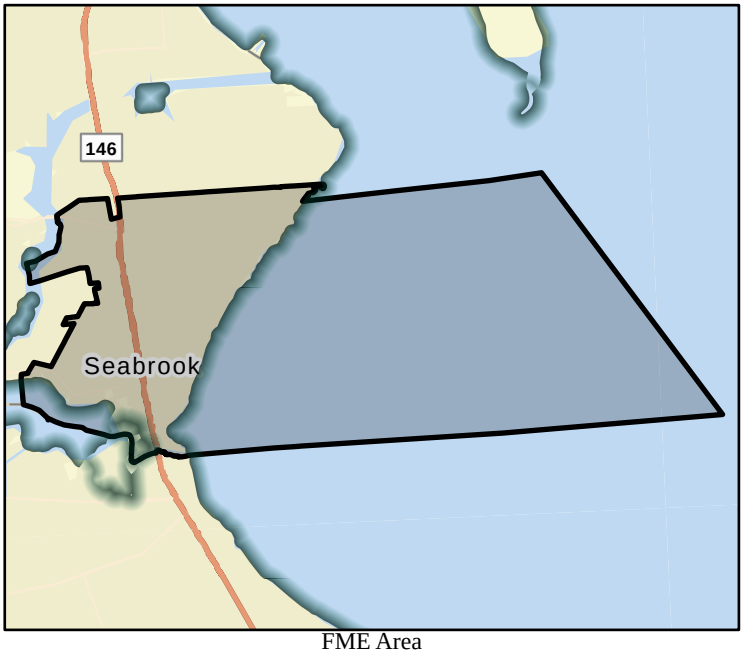
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 21.26 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	11,254	Structures at Risk	3,827	Critical Facilities at Risk	16
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	170.23	Impacted Roadway Miles	54.77
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	3,385



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Shenandoah Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000281 Sponsor Entity ID: 06-01-0000002421

Sponsor name: Shenandoah (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

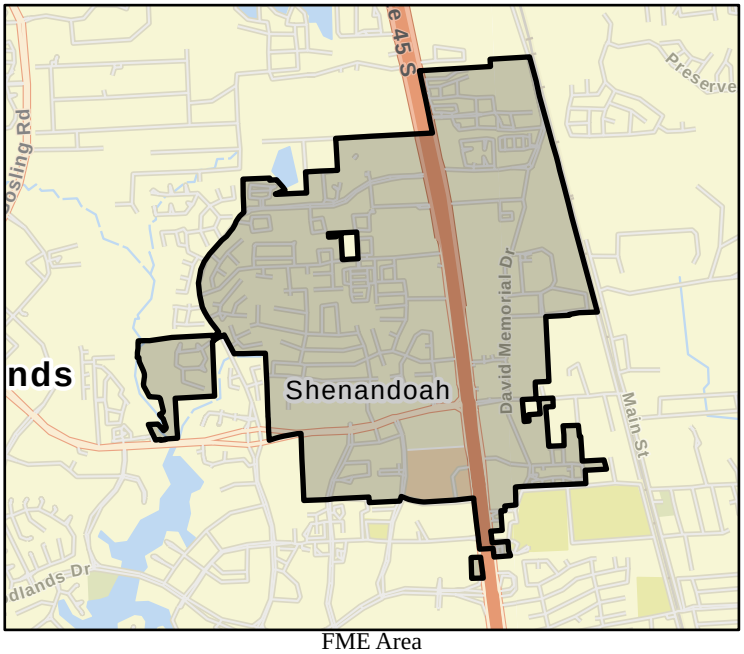
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.95 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,662	Structures at Risk	172	Critical Facilities at Risk	10
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	3.07	Impacted Roadway Miles	7.95
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	123



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Shoreacres Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000282 Sponsor Entity ID: 06-01-0000003544

Sponsor name: Shoreacres (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $182,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

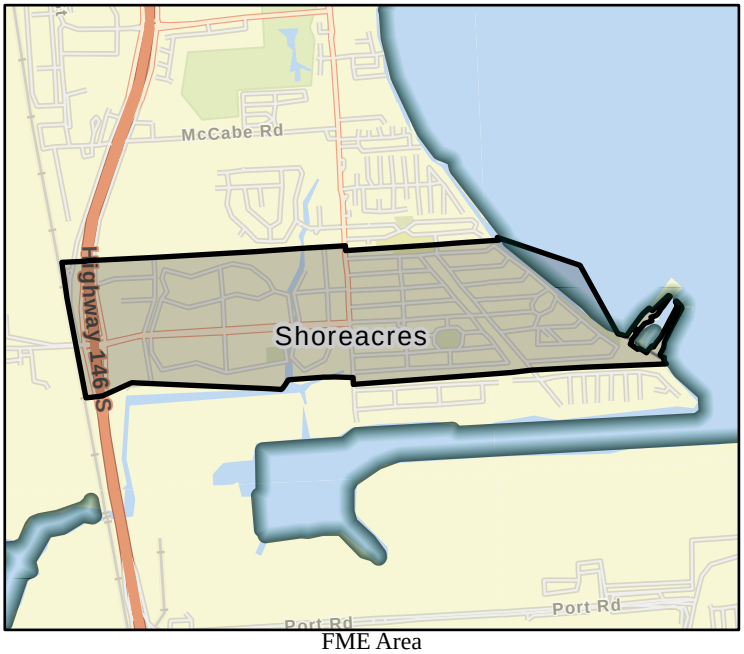
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.96 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,157	Structures at Risk	805	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	9.44	Impacted Roadway Miles	17.16
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	787



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of South Houston Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000283 Sponsor Entity ID: 06-01-0000002502

Sponsor name: South Houston (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $254,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

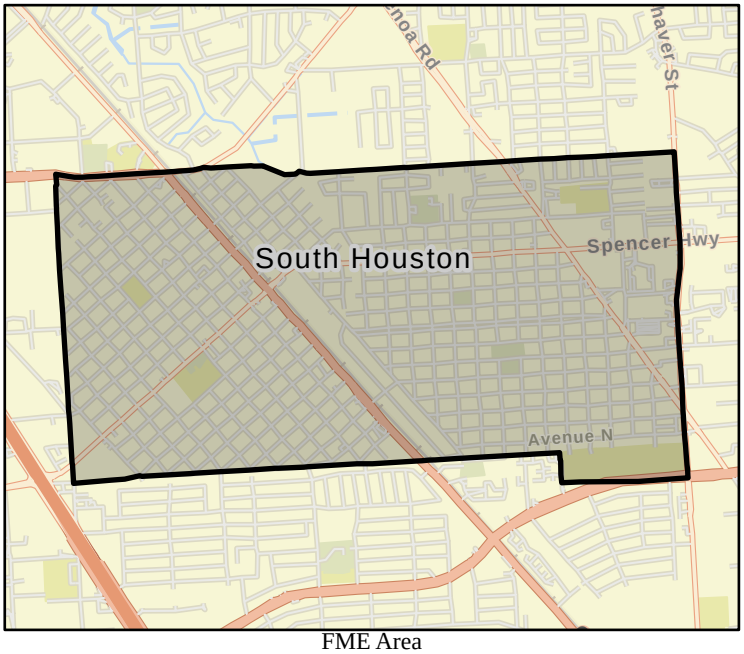
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 3.05 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	13,594	Structures at Risk	4,245	Critical Facilities at Risk	43
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	47.27
Low Water Crossings	4	Total Historical Road Closures	4	Residential at Risk	3,215



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Southside Place Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000284 Sponsor Entity ID: 06-01-0000003305

Sponsor name: Southside Place (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $133,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

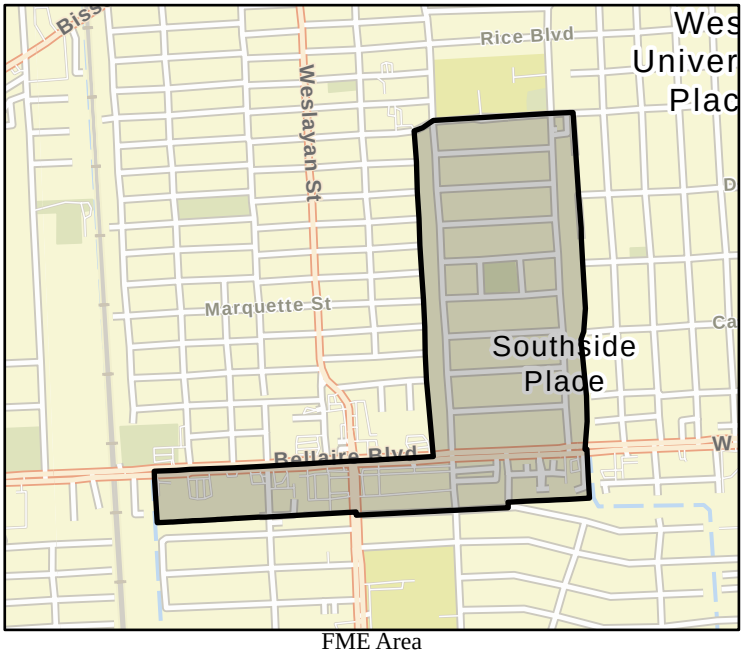
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.25 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,395	Structures at Risk	434	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	3.92
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	415



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Splendora Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000285 Sponsor Entity ID: 06-01-0000003031

Sponsor name: Splendora (Municipality)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Watershed Planning Est. FME Cost: $254,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

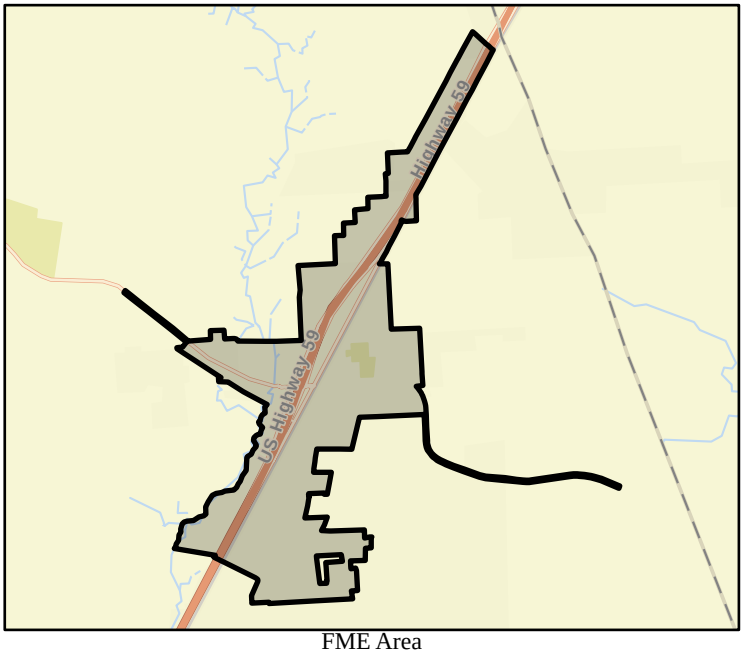
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 3.07 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	410	Structures at Risk	300	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	123.39	Impacted Roadway Miles	11.73
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	169



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Spring Valley Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000286 Sponsor Entity ID: 06-01-0000003593

Sponsor name: Spring Valley Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $194,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

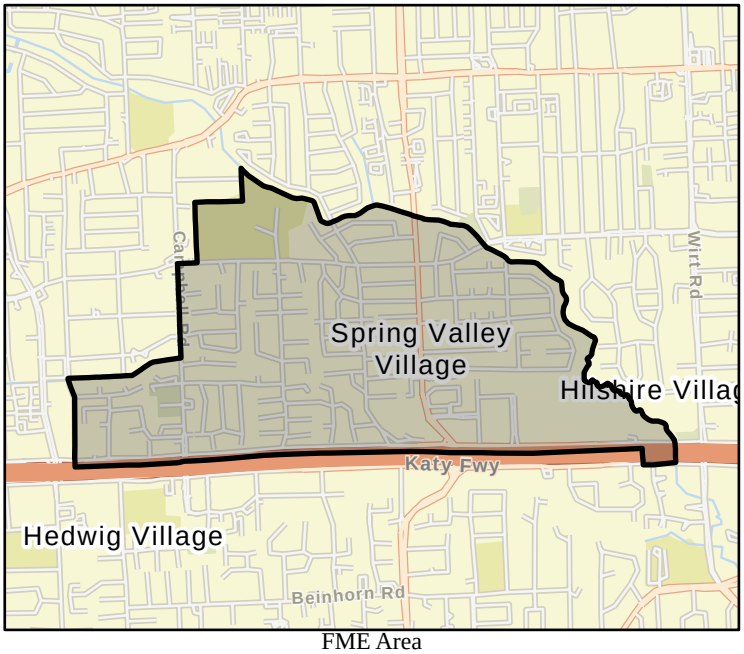
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.22 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,269	Structures at Risk	1,077	Critical Facilities at Risk	28
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	20.99
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	983



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Stafford Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000287 Sponsor Entity ID: 00-01-0000003596

Sponsor name: Stafford (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $339,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

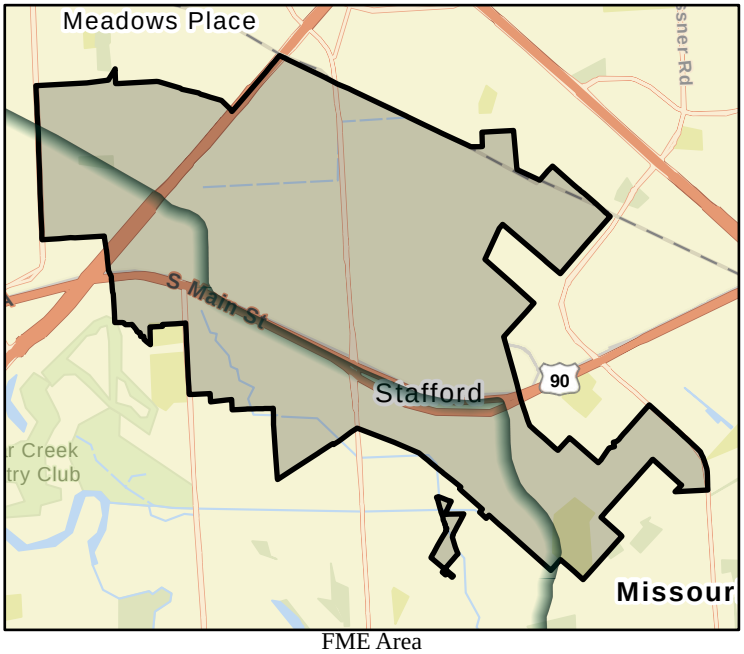
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 7.04 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	20,202	Structures at Risk	2,078	Critical Facilities at Risk	17
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	70.1	Impacted Roadway Miles	42.41
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	1,616



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Stagecoach Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000288 Sponsor Entity ID: 06-01-0000002641

Sponsor name: Stagecoach (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $194,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

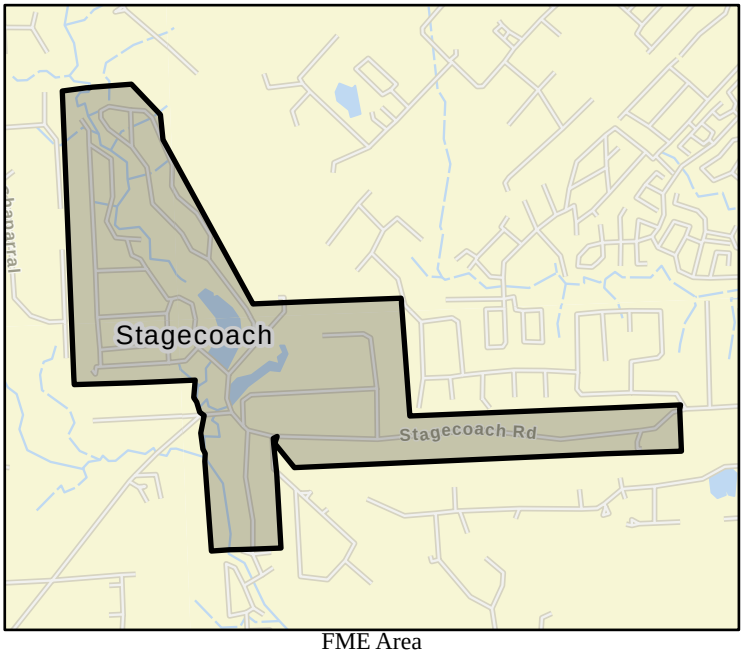
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.18 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	49	Structures at Risk	48	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	11.72	Impacted Roadway Miles	1.4
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	42



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Sugar Land Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000289 Sponsor Entity ID: 00-01-0000002517

Sponsor name: Sugar Land (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $654,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Fort Bend Existing/Anticipated Models? Yes New H&H Model? Yes

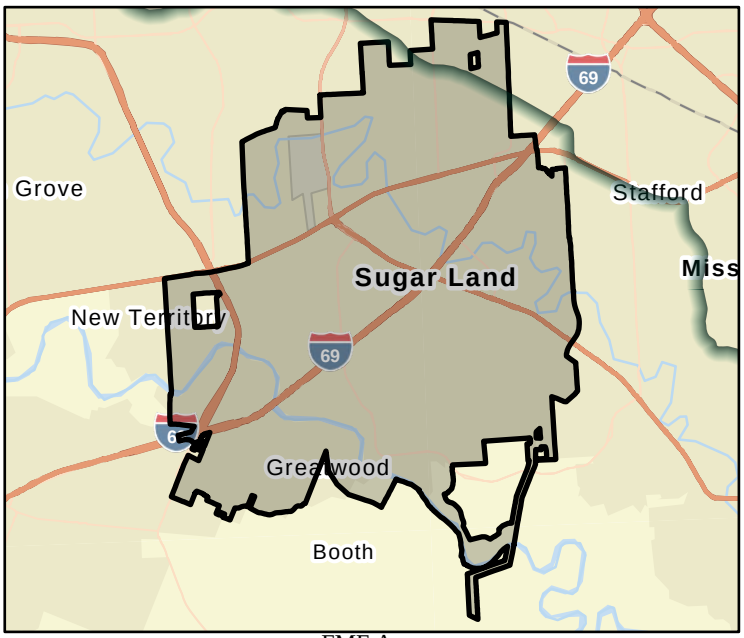
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 42.9 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,584	Structures at Risk	799	Critical Facilities at Risk	6
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	22.95	Impacted Roadway Miles	16.64
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	766



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Taylor Lake Village Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000290 Sponsor Entity ID: 06-01-0000003594

Sponsor name: Taylor Lake Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $206,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

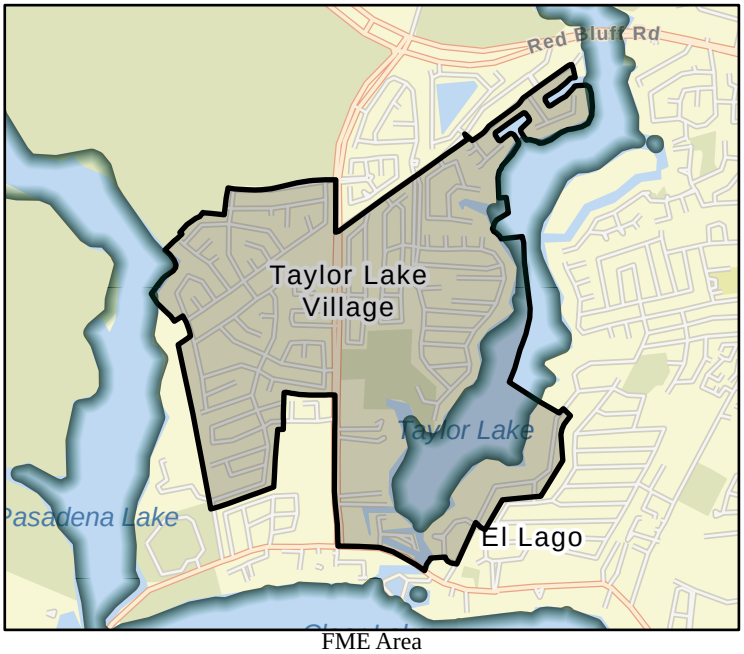
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.31 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,163	Structures at Risk	954	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	4.39	Impacted Roadway Miles	17.04
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	936



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Texas City Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000291 Sponsor Entity ID: 00-01-0000003345

Sponsor name: Texas City (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,151,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

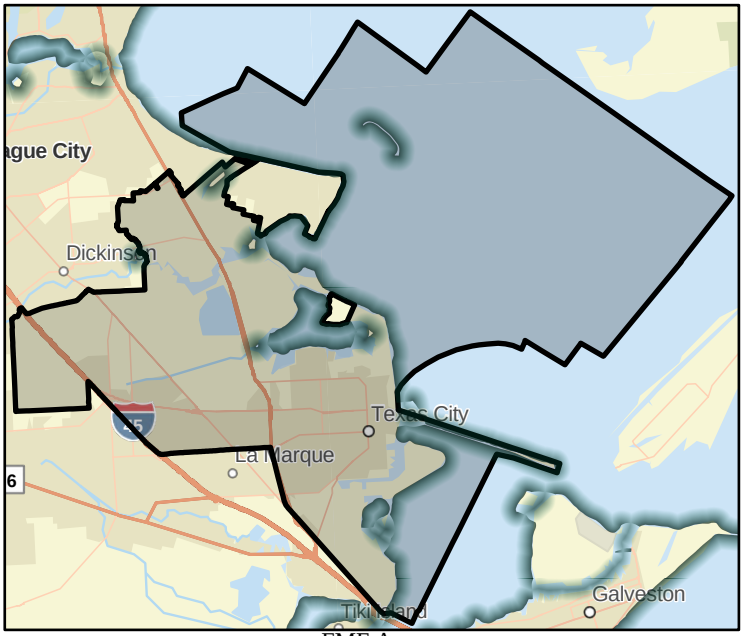
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 185.68 Assumptions/Relevant Context: N/A

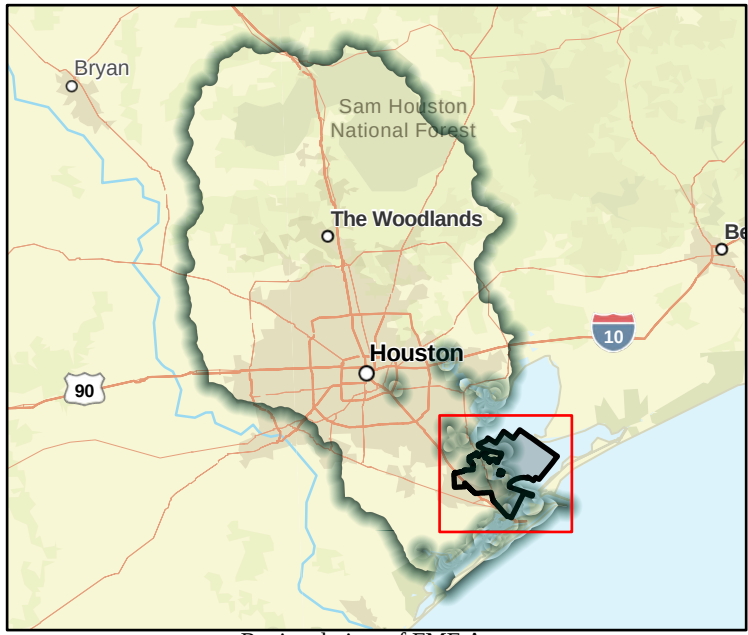
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	21,944	Structures at Risk	7,844	Critical Facilities at Risk	191
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	7,438.28	Impacted Roadway Miles	216.7
Low Water Crossings	19	Total Historical Road Closures	19	Residential at Risk	6,185



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Tiki Island Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000292 Sponsor Entity ID: 06-01-0000003397

Sponsor name: Tiki Island (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $218,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

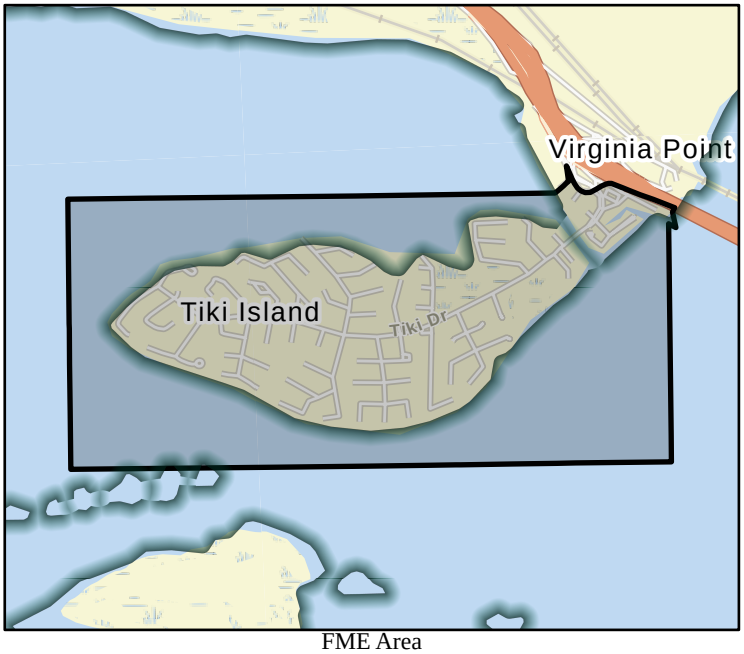
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1.59 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,579	Structures at Risk	935	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.8	Impacted Roadway Miles	8.53
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	921



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Todd Mission Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000293 Sponsor Entity ID: 06-01-0000003415

Sponsor name: Todd Mission (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Grimes Existing/Anticipated Models? No New H&H Model? Yes

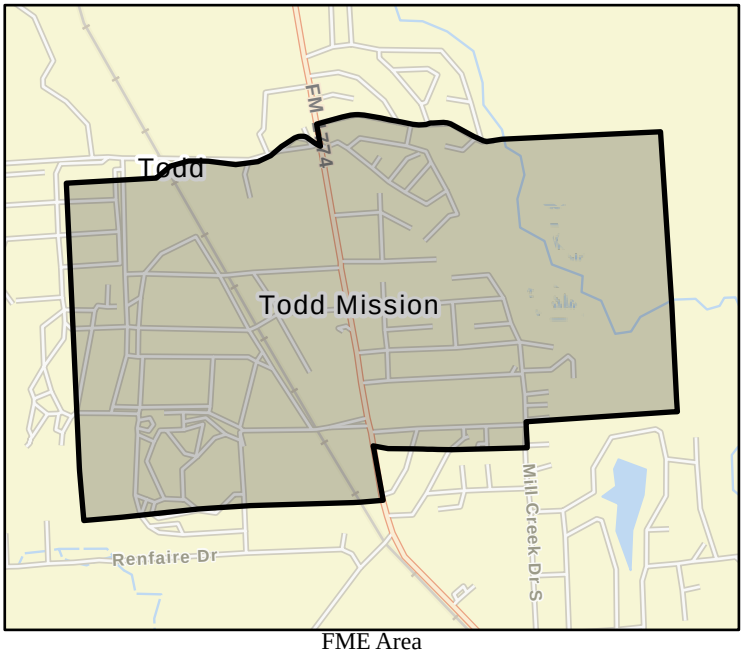
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.01 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	11	Structures at Risk	26	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	95.29	Impacted Roadway Miles	0.06
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	10



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Tomball Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000294 Sponsor Entity ID: 06-01-0000003302

Sponsor name: Tomball (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $424,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

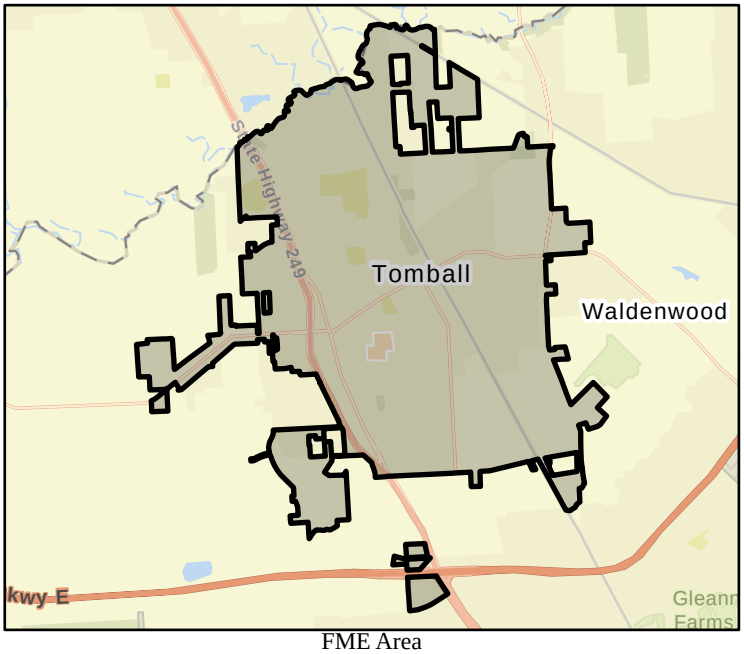
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 13.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,688	Structures at Risk	579	Critical Facilities at Risk	17
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	754.91	Impacted Roadway Miles	19.55
Low Water Crossings	4	Total Historical Road Closures	4	Residential at Risk	402



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Waller Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000295 Sponsor Entity ID: 06-01-0000002795

Sponsor name: Waller (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $121,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Multiple Existing/Anticipated Models? No New H&H Model? Yes

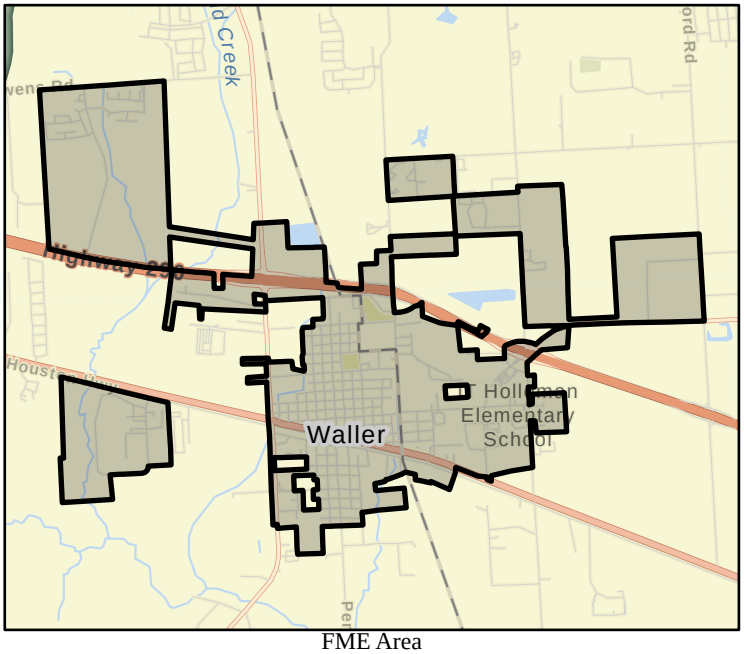
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	547	Structures at Risk	158	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	367.37	Impacted Roadway Miles	3.46
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	83



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Webster Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000296 Sponsor Entity ID: 06-01-0000003306

Sponsor name: Webster (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $339,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

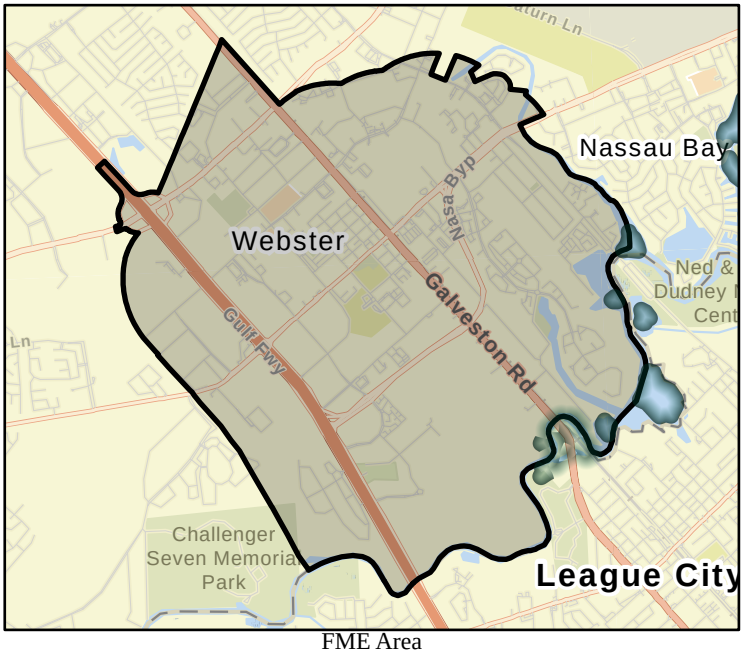
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 6.62 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	19,130	Structures at Risk	1,319	Critical Facilities at Risk	45
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	266.41	Impacted Roadway Miles	40.57
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	900



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of West University Place Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000297 Sponsor Entity ID: 06-01-0000003595

Sponsor name: West University Place (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop refine Master Drainage Plan and Projects using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Harris Existing/Anticipated Models? No New H&H Model? Yes

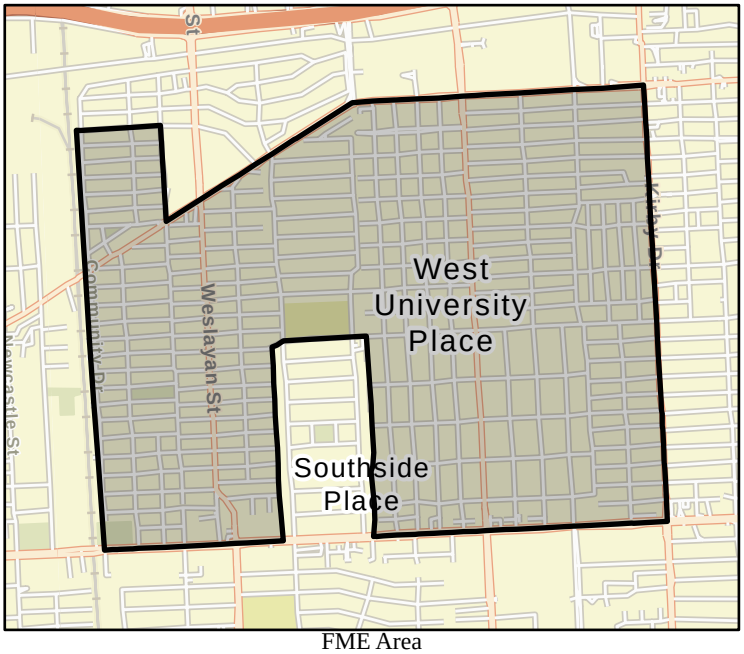
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	8,337	Structures at Risk	3,152	Critical Facilities at Risk	13
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	51.62
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	3,059



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Willis Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000298 Sponsor Entity ID: 06-01-0000002638

Sponsor name: Willis (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $303,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

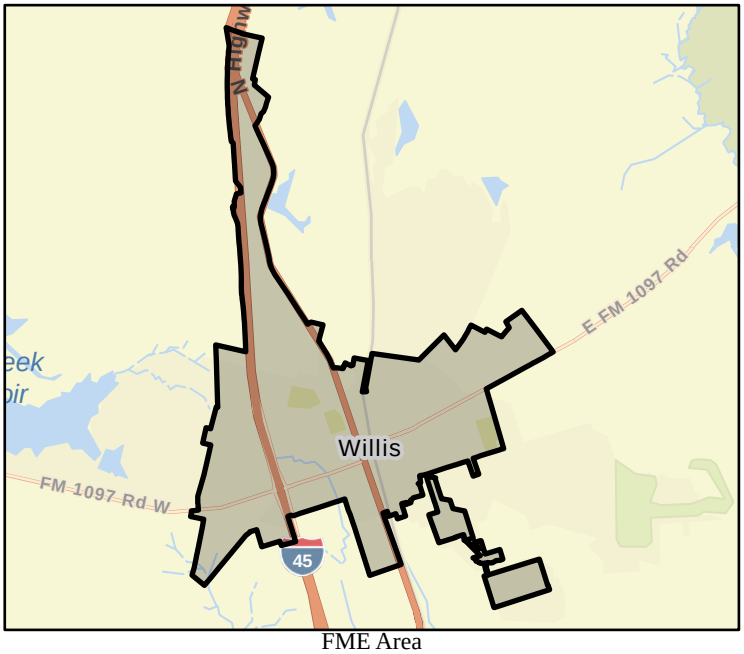
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 4.73 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	442	Structures at Risk	196	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	70.69	Impacted Roadway Miles	5.3
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	112



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Woodbranch Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000299 Sponsor Entity ID: 06-01-0000002422

Sponsor name: Woodbranch Village (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $230,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

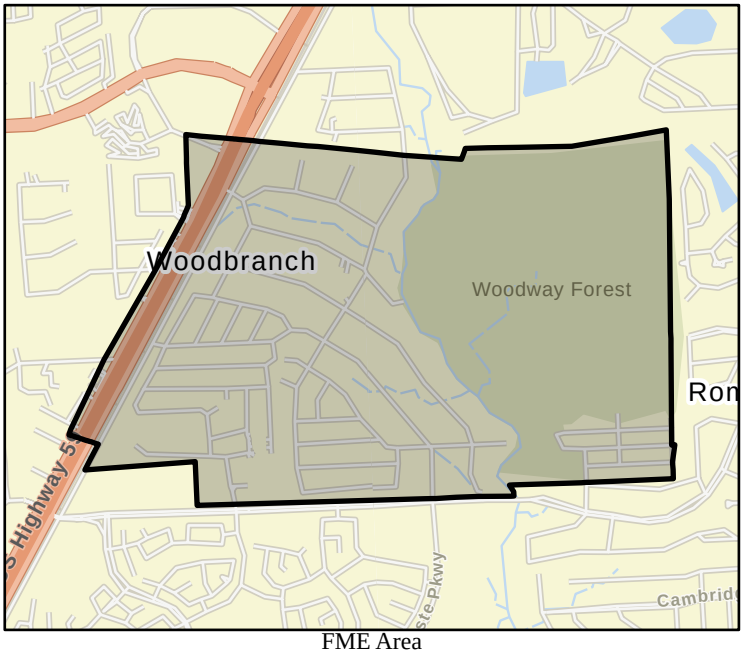
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 2.01 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	550	Structures at Risk	270	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	12.88	Impacted Roadway Miles	5.88
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	246



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Town of Woodloch Master Drainage Plan

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000300 Sponsor Entity ID: 06-01-0000003037

Sponsor name: Woodloch (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $61,000

FME Description: Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

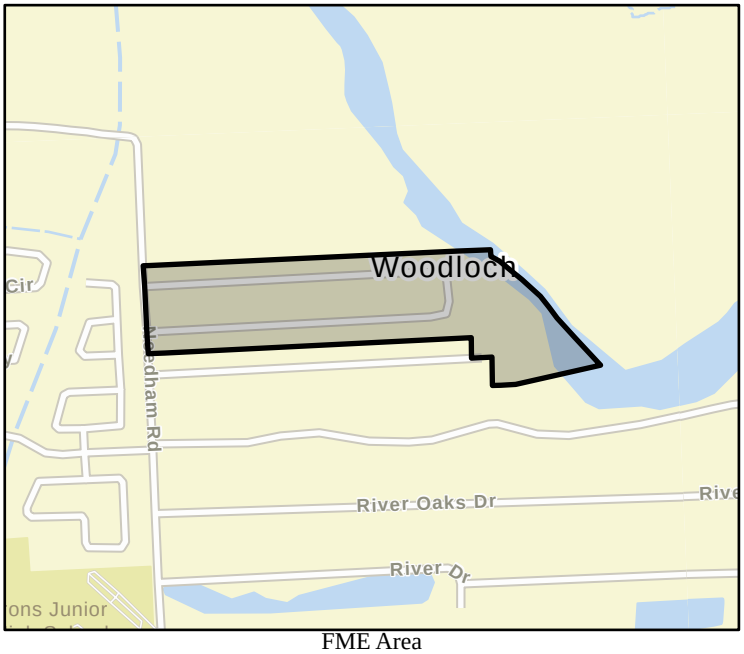
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 0.08 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	233	Structures at Risk	85	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0.06	Impacted Roadway Miles	1.02
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	80



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Brazoria Flood Mapping Updates

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000301 Sponsor Entity ID: 00-01-0000000003

Sponsor name: Brazoria County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $7,800,000

FME Description: County wide study to produce flood mapping updates including Atlas 14 rainfall.

County: Brazoria Existing/Anticipated Models? No New H&H Model? Yes

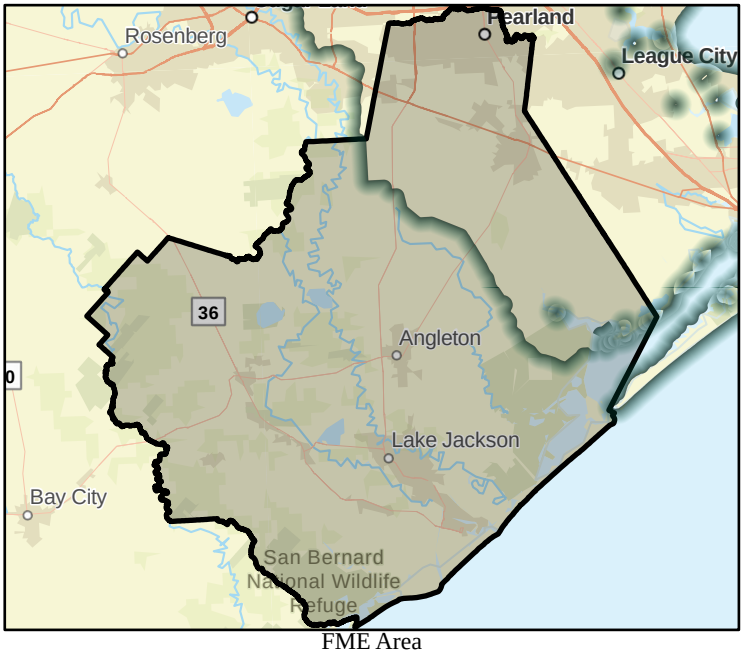
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1,486.24 Assumptions/Relevant Context: N/A

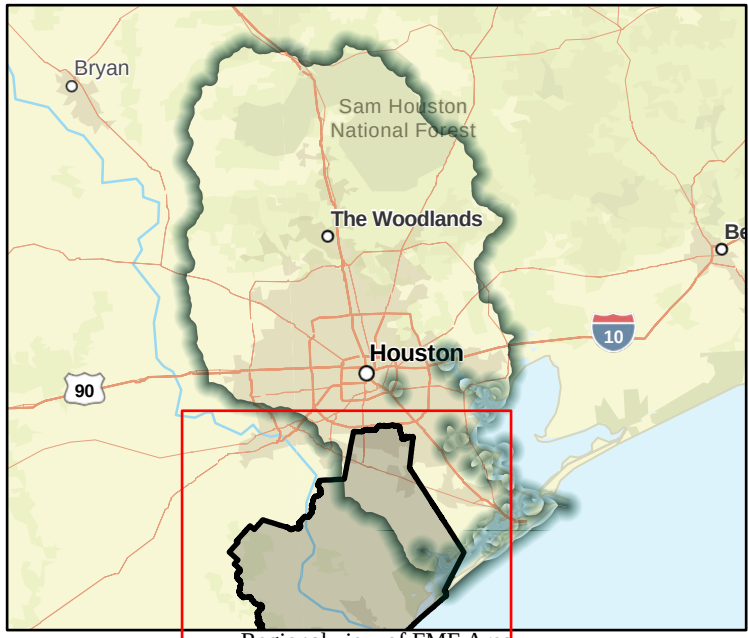
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	75,154	Structures at Risk	33,594	Critical Facilities at Risk	225
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	64,116.73	Impacted Roadway Miles	591.8
Low Water Crossings	44	Total Historical Road Closures	44	Residential at Risk	27,612



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston Flood Mapping Updates

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000304 Sponsor Entity ID: 00-01-0000000006

Sponsor name: Galveston County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $3,585,000

FME Description: County wide study to produce flood mapping updates including Atlas 14 rainfall.

County: Galveston Existing/Anticipated Models? No New H&H Model? Yes

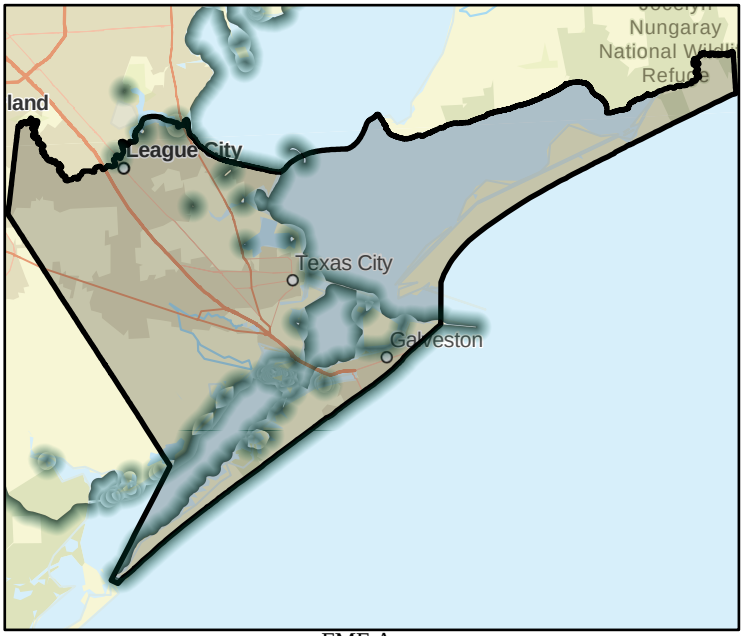
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 667.08 Assumptions/Relevant Context: N/A

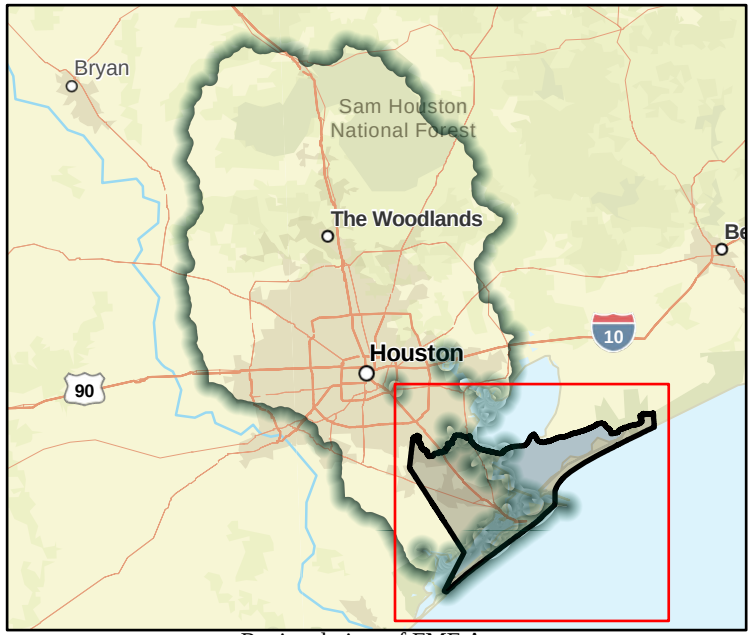
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	155,271	Structures at Risk	72,496	Critical Facilities at Risk	580
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	31,059.39	Impacted Roadway Miles	1,424.54
Low Water Crossings	72	Total Historical Road Closures	72	Residential at Risk	63,395



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Grimes Flood Mapping Updates

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000305 Sponsor Entity ID: 00-01-0000000044

Sponsor name: Grimes County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,100,000

FME Description: County wide study to produce flood mapping updates including Atlas 14 rainfall.

County: Grimes Existing/Anticipated Models? No New H&H Model? Yes

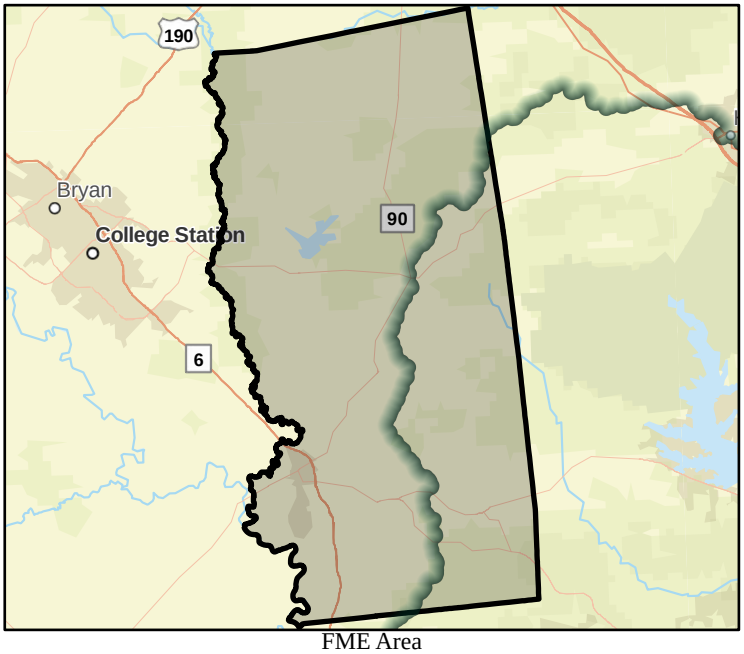
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 802.15 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	390	Structures at Risk	501	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	12,765.33	Impacted Roadway Miles	24.16
Low Water Crossings	11	Total Historical Road Closures	11	Residential at Risk	314



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Montgomery Flood Mapping Updates

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000307 Sponsor Entity ID: 06-01-0000000037

Sponsor name: Montgomery County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $5,693,000

FME Description: County wide study to produce flood mapping updates including Atlas 14 rainfall.

County: Montgomery Existing/Anticipated Models? No New H&H Model? Yes

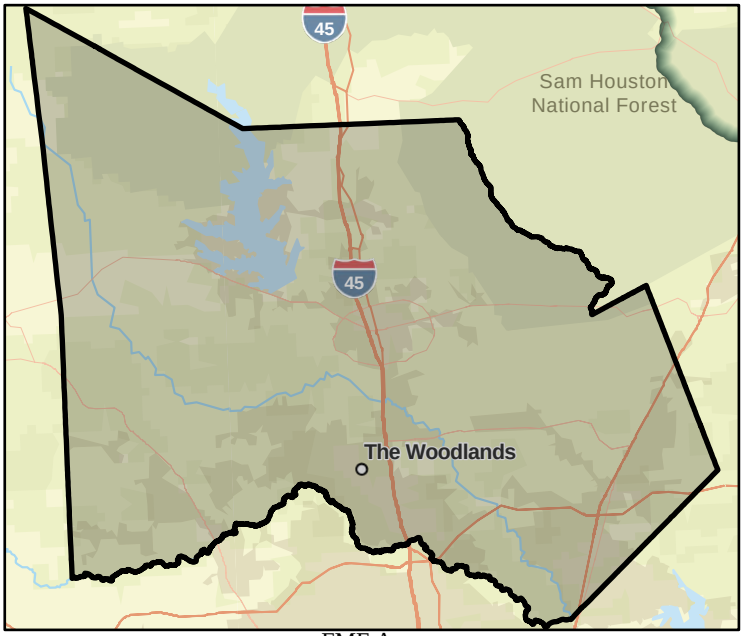
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 1,076.88 Assumptions/Relevant Context: N/A

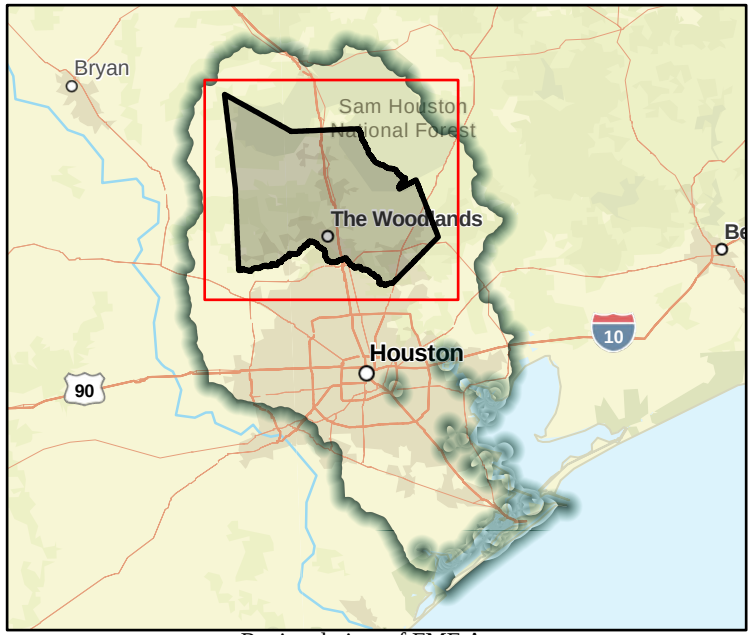
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	119,084	Structures at Risk	50,188	Critical Facilities at Risk	349
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,388.07	Impacted Roadway Miles	1,147.7
Low Water Crossings	83	Total Historical Road Closures	83	Residential at Risk	40,584



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: San Jacinto Flood Mapping Updates and propose FMPs

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000308 Sponsor Entity ID: 00-01-0000000047

Sponsor name: San Jacinto County (County)

RFPG recommend? Yes Reason for Recommendation: Prioritized for TWDB to perform apart of FME program.

FME Details

FME Type: Watershed Planning Est. FME Cost: $1,211,000

FME Description: County wide study to produce flood mapping updates including Atlas 14 rainfall and propose FMPs in critical damage centers.

County: San Jacinto Existing/Anticipated Models? No New H&H Model? Yes

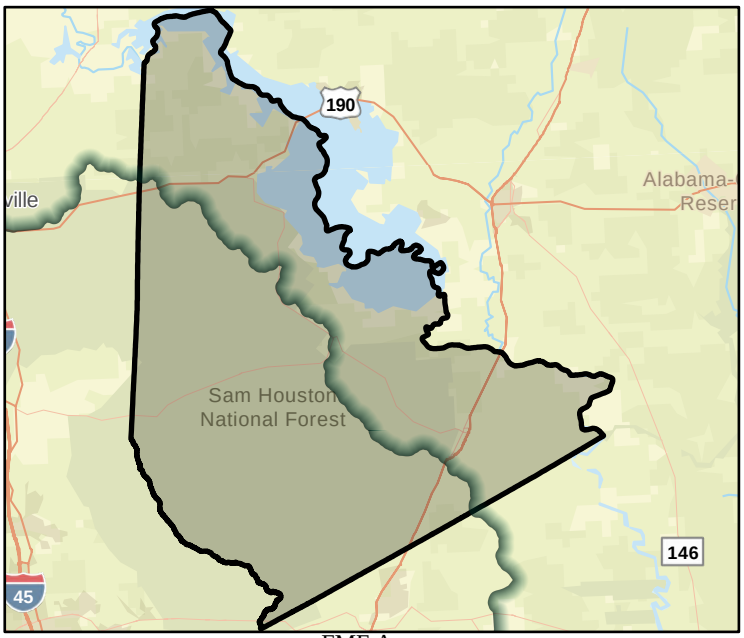
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 628.26 Assumptions/Relevant Context: N/A

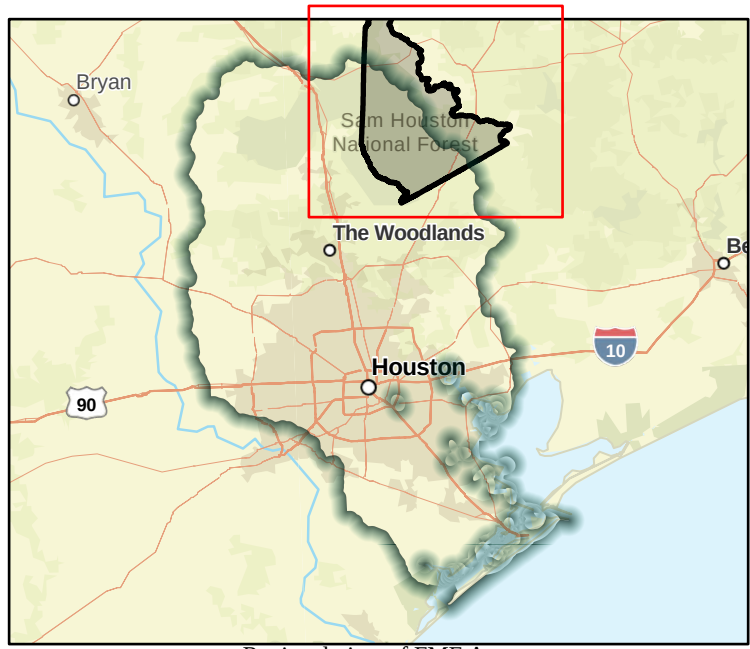
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,859	Structures at Risk	1,430	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	9,519.23	Impacted Roadway Miles	67.31
Low Water Crossings	19	Total Historical Road Closures	19	Residential at Risk	1,280



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Walker Flood Mapping Updates

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000309 Sponsor Entity ID: 00-01-0000000053

Sponsor name: Walker County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $2,116,000

FME Description: County wide study to produce flood mapping updates including Atlas 14 rainfall.

County: Walker Existing/Anticipated Models? No New H&H Model? Yes

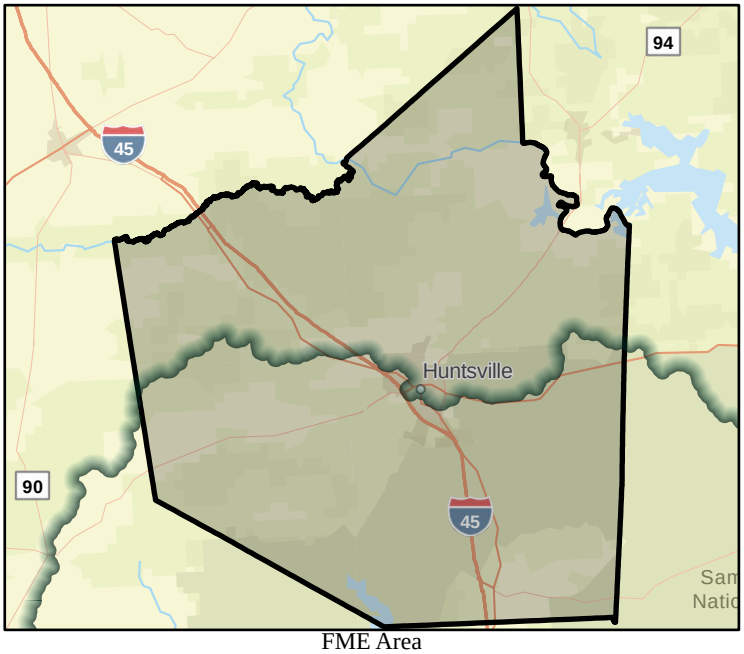
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 801.17 Assumptions/Relevant Context: N/A

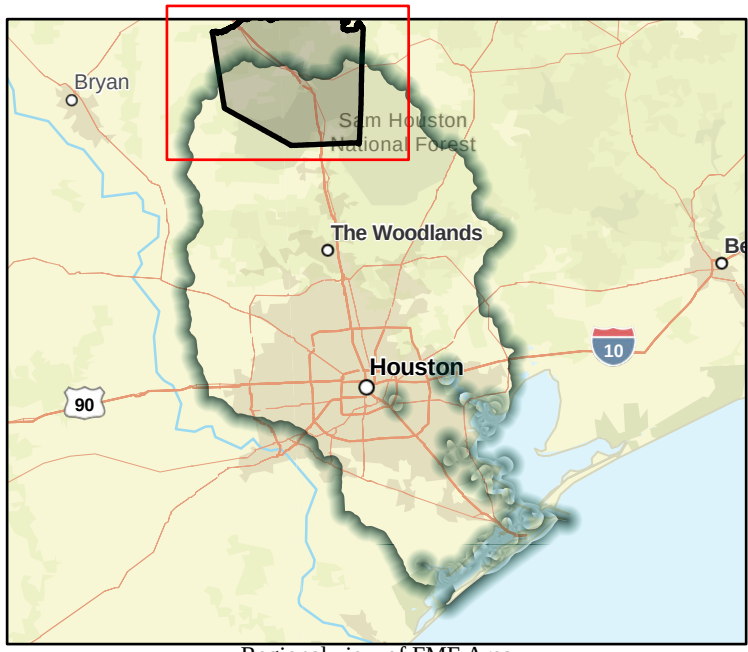
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,327	Structures at Risk	953	Critical Facilities at Risk	7
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	17,056.92	Impacted Roadway Miles	60.14
Low Water Crossings	30	Total Historical Road Closures	30	Residential at Risk	793



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Waller Flood Mapping Updates

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000310 Sponsor Entity ID: 00-01-0000000024

Sponsor name: Waller County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Watershed Planning Est. FME Cost: $2,786,000

FME Description: County wide study to produce flood mapping updates including Atlas 14 rainfall.

County: Waller Existing/Anticipated Models? No New H&H Model? Yes

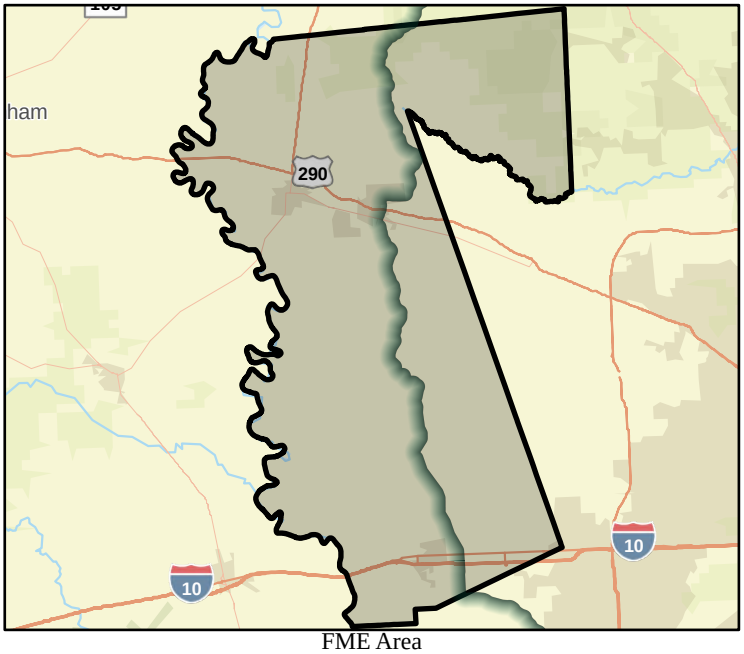
Emergency Need? Yes Emergency Need Description:

Drainage Area (est. sq-mi): 517.9 Assumptions/Relevant Context: N/A

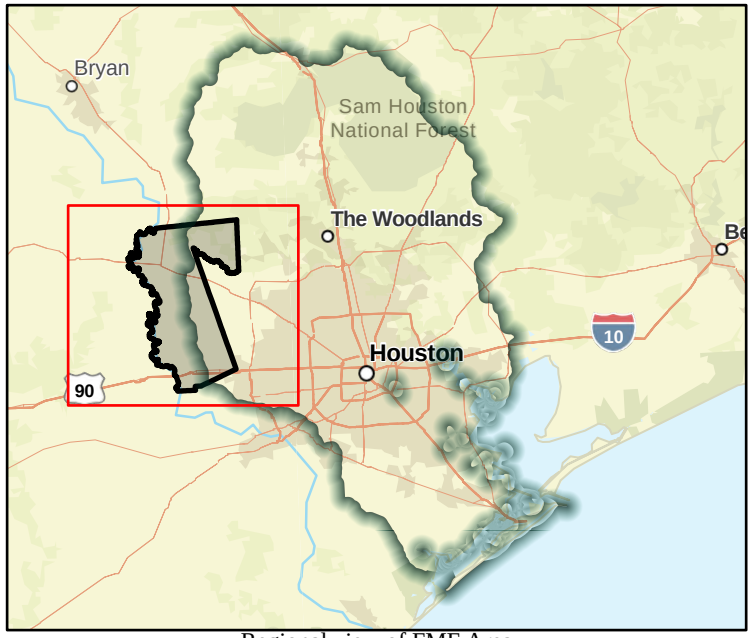
100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,853	Structures at Risk	4,037	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	41,700.12	Impacted Roadway Miles	134.68
Low Water Crossings	17	Total Historical Road Closures	17	Residential at Risk	2,948



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Arcadian Gardens Subdivision Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000317 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Cost Benefit Analysis and elevate the project to a FMP. To achieve this goal, the key features of improvements are to rehabilitate roadside swales, build new storm sewers and improve the outfall drainage conditions.

County: Harris Existing/Anticipated Models? No New H&H Model? No

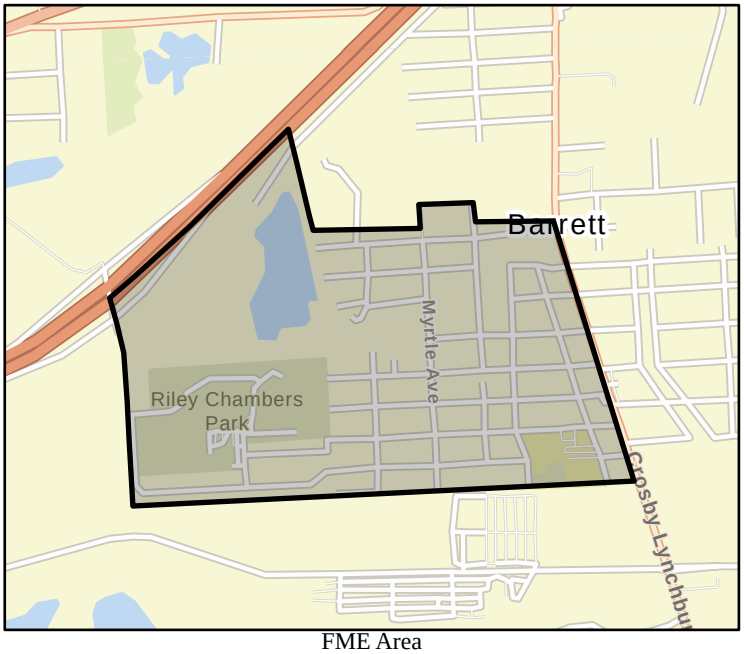
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.51 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	175	Structures at Risk	92	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	17.83	Impacted Roadway Miles	1.88
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	83



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Jackson Bayou Watershed Planning Project- Immediate: First Street Crossing Mitigation

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000322 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Develop BCA to become a FMP. Priority ranking #1, 0.5 mile upstream along Jackson Bayou identified to fulfill mitigation efforts. Culvert upsizing recommended at First Street. Improvements produced need or 32.4 acre-feet of detention.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

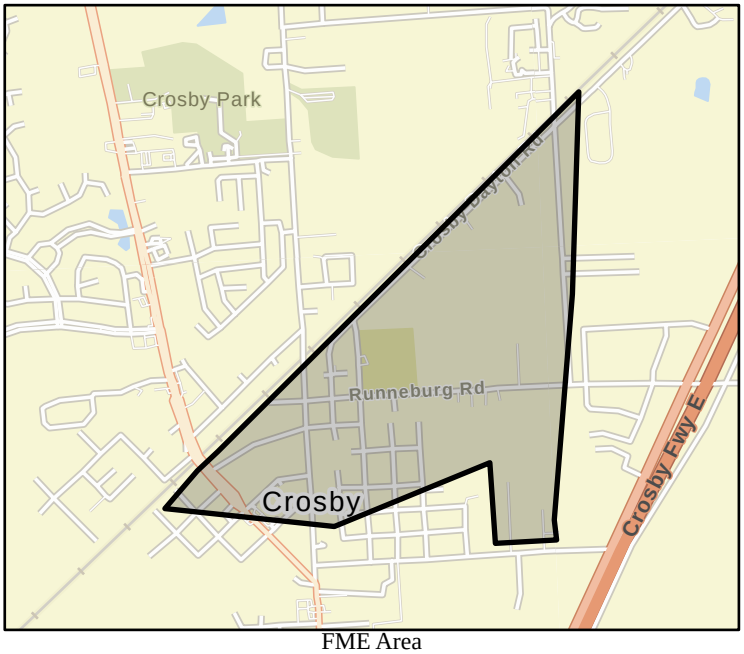
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.52 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,453	Structures at Risk	304	Critical Facilities at Risk	18
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	18.38	Impacted Roadway Miles	2.71
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	239



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: B106-WP01 & WP02 for Armand Bayou Watershed

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000323 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Conveyance improvements for B106-00-00 channel, including detention/mitigation storage.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

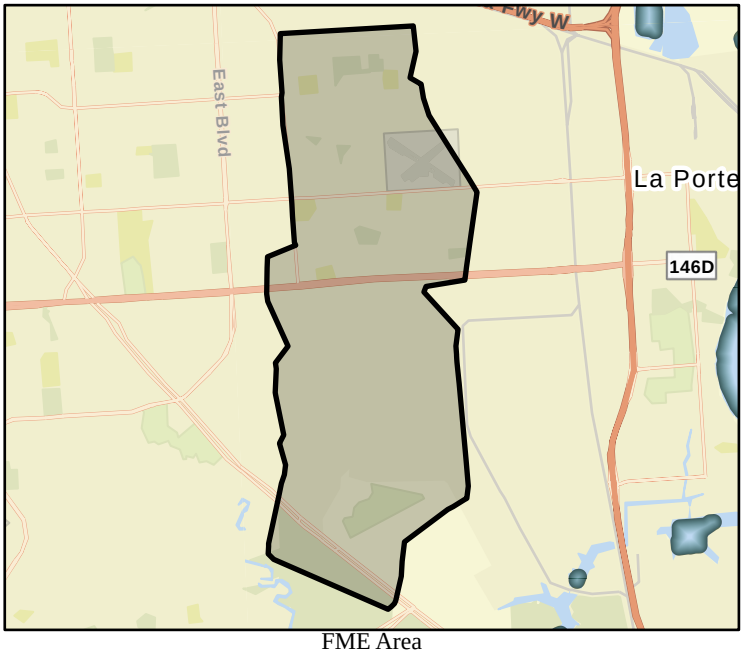
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 9.81 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	10,301	Structures at Risk	3,812	Critical Facilities at Risk	16
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	274.62	Impacted Roadway Miles	52.74
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	3,358



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Barker Reservoir Flood Risk Reduction and Park Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000324 Sponsor Entity ID: 06-01-0000000928

Sponsor name: Willow Fork Drainage District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to further the proposed project. FIF application information unavailable.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

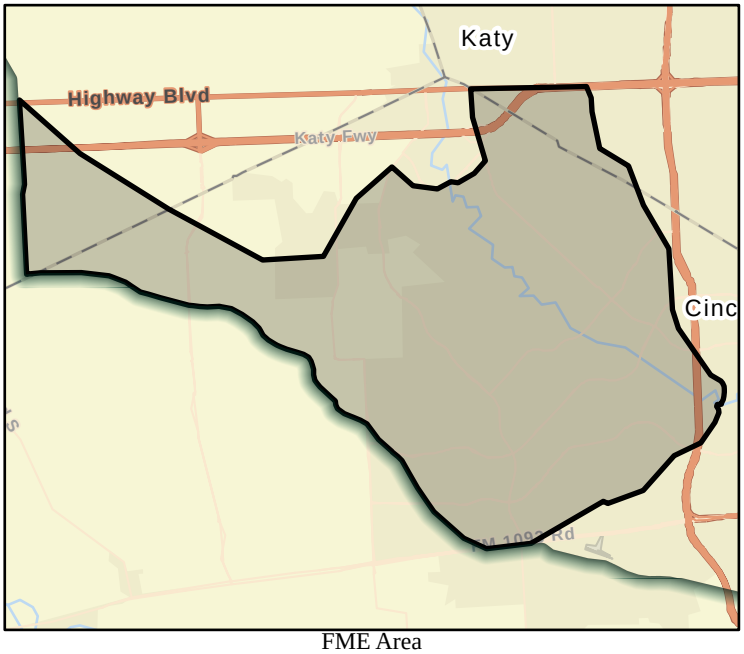
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 27.17 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	42,936	Structures at Risk	13,164	Critical Facilities at Risk	102
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,693.86	Impacted Roadway Miles	269.78
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	12,728



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: I100-WP01 Vince Bayou Watershed Planning Project Recommendation

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000326 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a BCR required for this project to become a FMP. Alt-6 Detention basin and channel widening near Strawberry Road on left bank of Vince Bayou.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

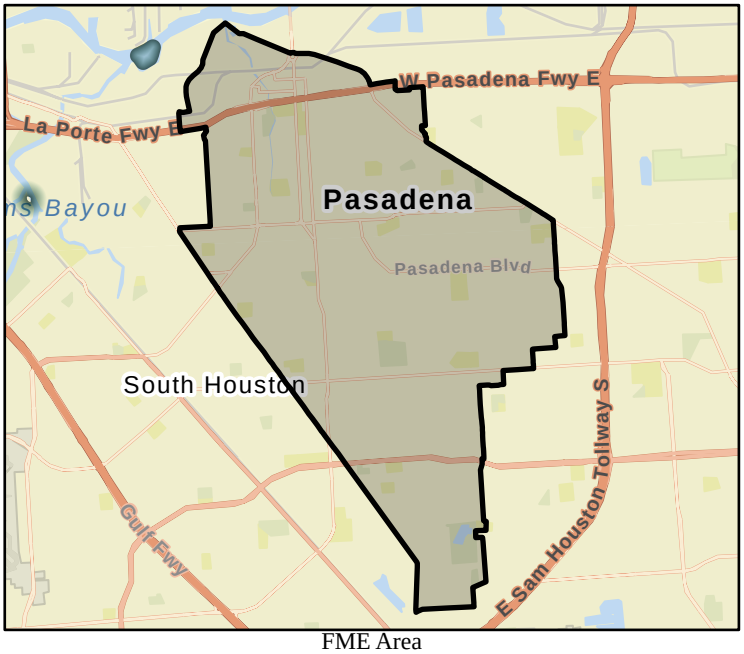
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 15.29 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47,895	Structures at Risk	11,980	Critical Facilities at Risk	119
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	10.18	Impacted Roadway Miles	203.76
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	9,859



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: I100-WP06 for Vince Bayou Watershed Planning Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000329 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Right-of-way acquisition, design, and construction of a stormwater detention basin and channel widening near Strawberry Road and Young Street.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

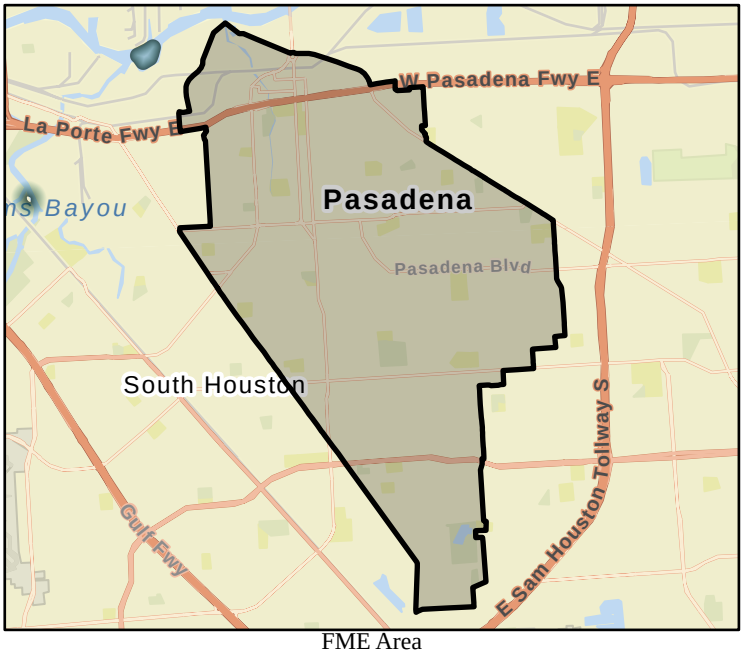
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 15.29 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47,895	Structures at Risk	11,980	Critical Facilities at Risk	119
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	10.18	Impacted Roadway Miles	203.76
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	9,859



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: I100-WP10 for Vince Bayou Watershed Planning Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000330 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Right-of-way acquisition, Design, and Construction of Two Stormwater Detention Basins near Westside Dr. and Westside. Ct.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

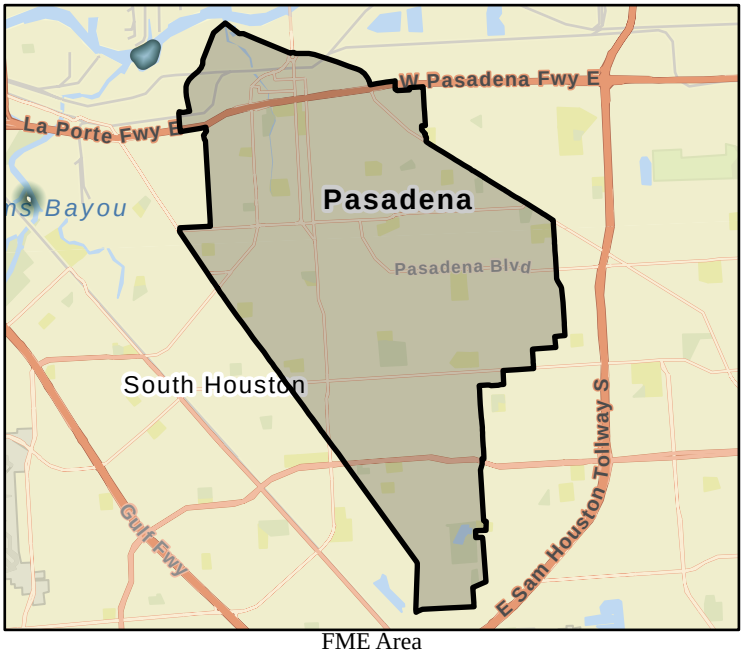
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 15.29 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47,895	Structures at Risk	11,980	Critical Facilities at Risk	119
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	10.18	Impacted Roadway Miles	203.76
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	9,859



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: I100-WP07 for Vince Bayou Watershed Planning Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000331 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a BCR needed for this project to become a FMP. Pasadena (CIP) Street Lowering (Various). Right-of-way acquisition, Design, and Construction of Stormwaters Detention Basin and construction of Culverts near Pasadena Blvd..

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

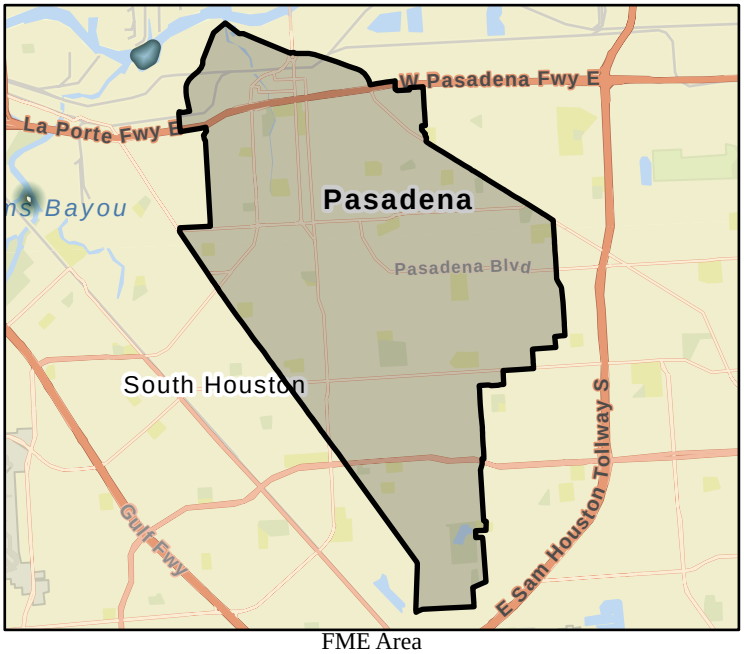
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 15.29 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47,895	Structures at Risk	11,980	Critical Facilities at Risk	119
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	10.18	Impacted Roadway Miles	203.76
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	9,859



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: I100-WP11 for Vince Bayou Watershed Planning Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000332 Sponsor Entity ID: 00-01-0000000020

Sponsor name: Harris County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Right-of-way acquisition, Design, and Construction of Stormwater Detention Basins near Spencer Hwy. and Tulip Street.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

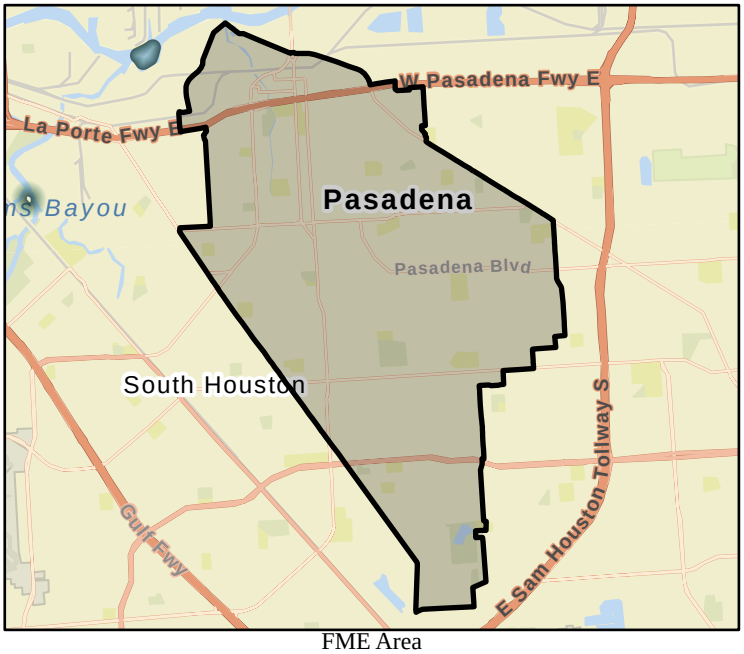
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 15.29 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	47,895	Structures at Risk	11,980	Critical Facilities at Risk	119
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	10.18	Impacted Roadway Miles	203.76
Low Water Crossings	9	Total Historical Road Closures	9	Residential at Risk	9,859



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Carpenters Planning Study Cloverleaf Community Flood Risk Reduction Project (Phase 1 and 2)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000333 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a BCR required for this project to become a FMP. Drainage system upgrade using combination of 9'x7' RCB spanning 3,000' and a 109 acre-feet detention facility providing drainage relief for this portion of the Cloverleaf Community.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

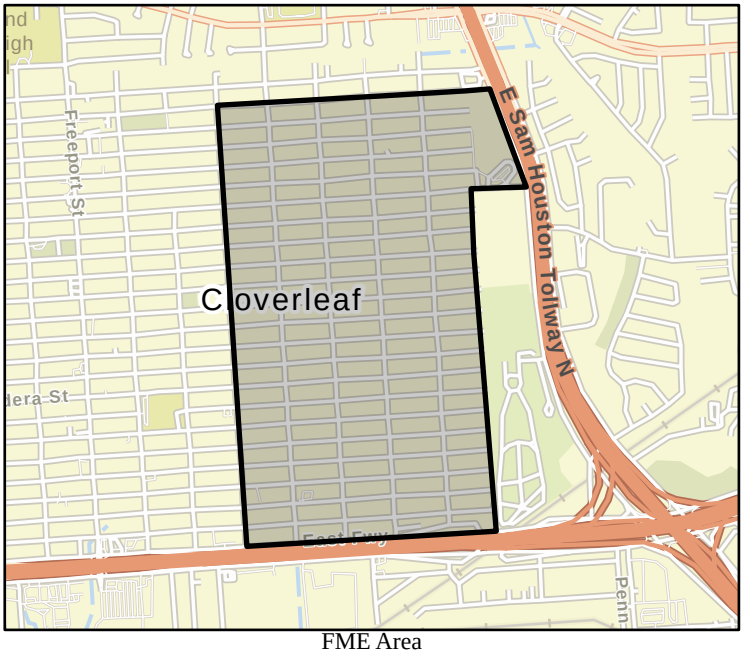
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.74 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,508	Structures at Risk	1,009	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	0	Impacted Roadway Miles	7.13
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	845



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Creek Watershed Plan- Recommended Alternative for PA-02: J131-01-00 Storm Sewer improvements & channel modification

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000337 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a BCR required for this project to become a FMP. Channel modifications along J131-01 & storm sewer improvements under Zion Road, reduces sheet flow by providing positive drainage outfall for ~200 ac of land.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

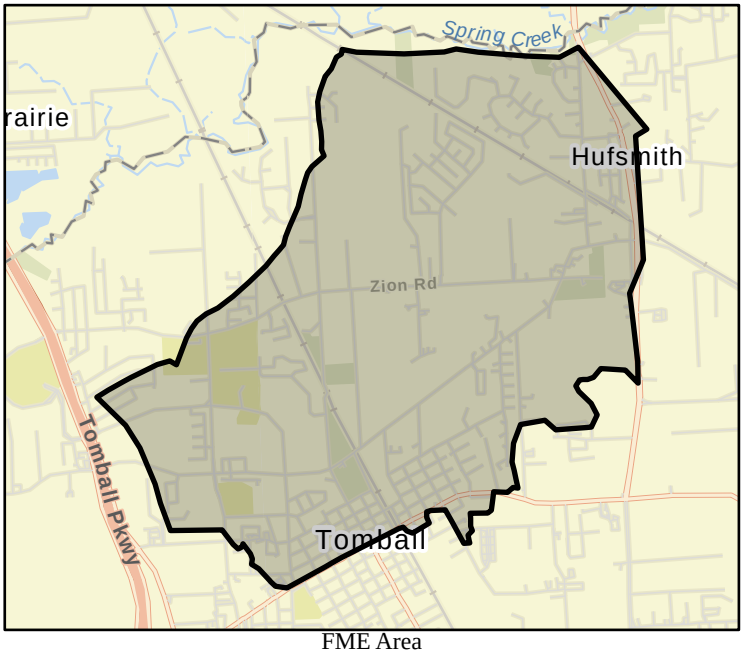
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 4.72 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	520	Structures at Risk	317	Critical Facilities at Risk	5
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	164.86	Impacted Roadway Miles	5.58
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	280



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Willow Creek Watershed Plan - Immediate: Selective Clearing BNRR to Mouth

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000338 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a BCR required for this project to become a FMP. Selective clearing from BNRR to mouth to increase riverine storm water conveyance, maintain tree canopy & veg. diversity, minimize impact on riparian & uplands habitats.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 27.93 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	6,435	Structures at Risk	2,990	Critical Facilities at Risk	17
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,236.16	Impacted Roadway Miles	75.51
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	2,492



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Willow Creek Watershed Plan - FM2920 Stormwater Detention Basin

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000340 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Proposed 826 acre-feet detention basin located near FM 2920 crossing of Willow Creek.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

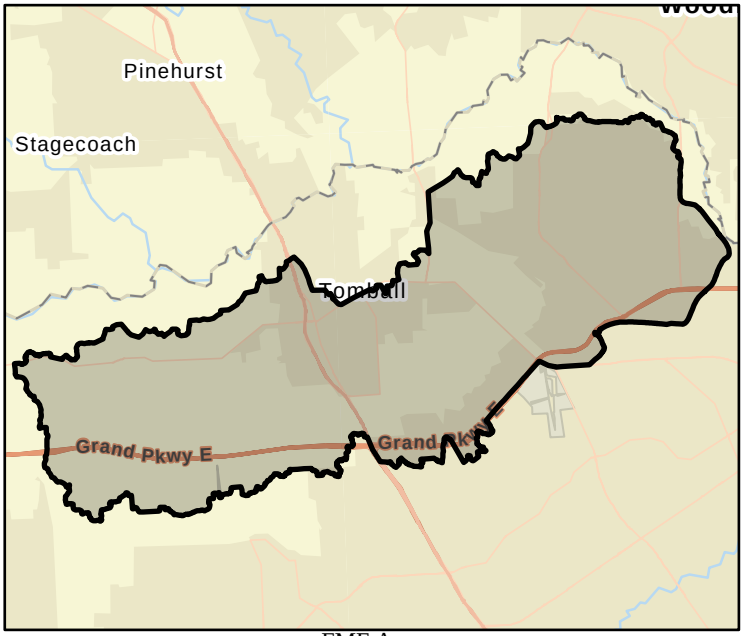
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 55.58 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	8,998	Structures at Risk	4,440	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5,008.02	Impacted Roadway Miles	125.07
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	3,404



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Willow Creek Watershed Plan - Kuykendahl Basin

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000341 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Proposed 727 acre-feet detention basin located near Kuykendahl Road crossing of Willow Creek.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

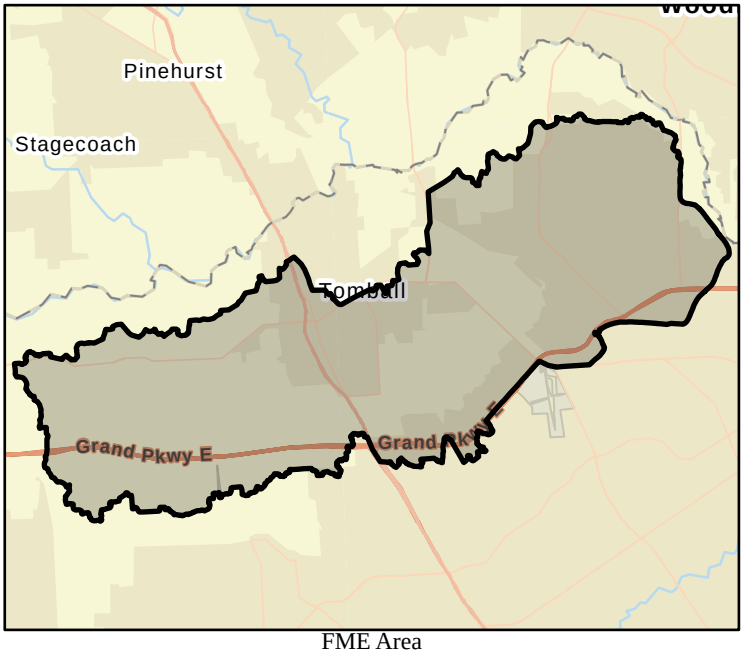
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 55.58 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	8,998	Structures at Risk	4,440	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5,008.02	Impacted Roadway Miles	125.07
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	3,404



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Willow Creek Watershed Plan - M121 Basin Stormwater Detention Basin

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000342 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Proposed 1010 acre-feet detention basin located near M121 tributary.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

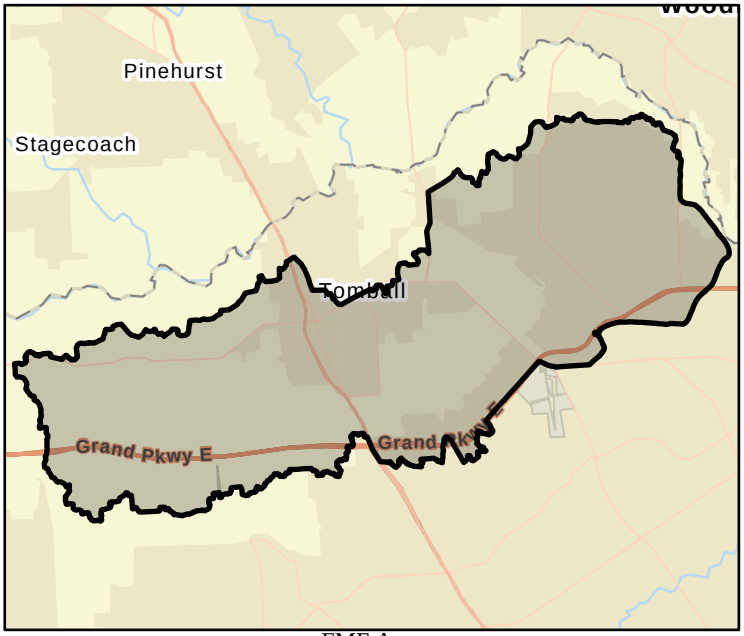
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 55.58 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	8,998	Structures at Risk	4,440	Critical Facilities at Risk	30
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	5,008.02	Impacted Roadway Miles	125.07
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	3,404



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston Bay Watershed Plan- PA01 (N+6) Channel & Crossing Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000343 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Develop BCA to become FMP. Channel deepening from N Broadway St to N Utah St, convert open channel segment to closed conduit w/ 8'x5' concrete boxes b/w N Utah St & Main St, replace concrete pipe w/ dual 8'x5' concrete box culvert outfall to F212.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

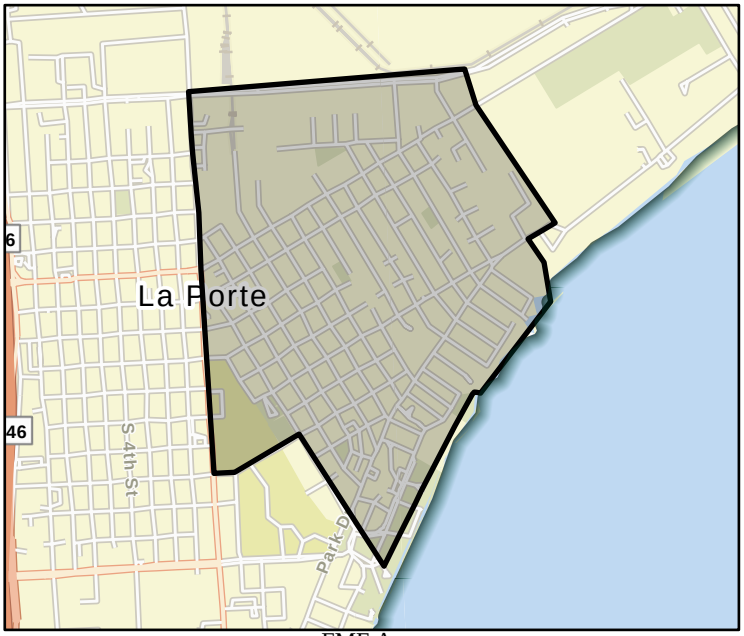
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.14 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,360	Structures at Risk	834	Critical Facilities at Risk	7
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	9.43	Impacted Roadway Miles	14.88
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	740



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Gully Watershed Planning Project- Project Phase I

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000345 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Develop BCA to become FMP. 108 ac-ft of detention storage. Basin A w/ 95 ac-ft of storage, 10 ft depth, inlet & outlet structures consist of 2 culverts & weir. Basin B w/ 13 ac-ft of storage, 10.5 ft depth, inlet & outlet structures of culvert & weir.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

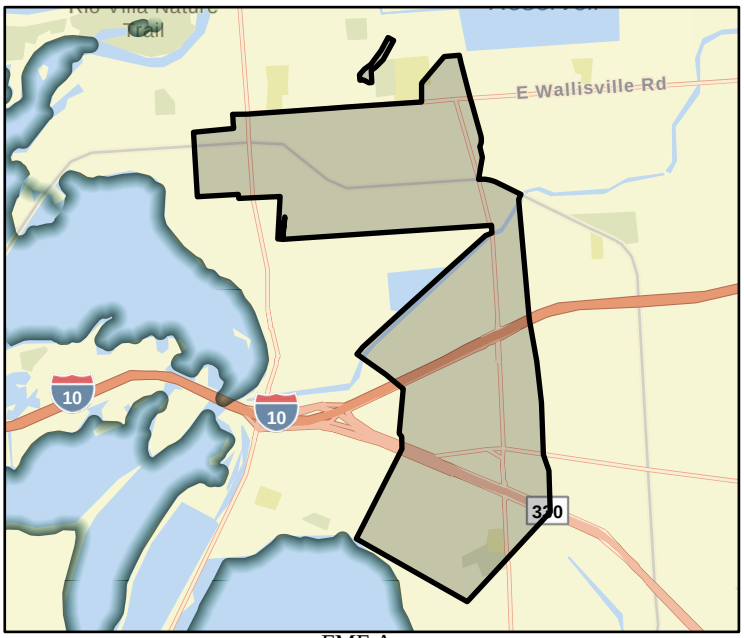
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.32 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,650	Structures at Risk	1,470	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	43.71	Impacted Roadway Miles	16.05
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,278



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Gully Watershed Planning Project- Project Phase II

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000346 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Develop BCA to become a FMP. Independent of Phase I. Phase II includes addition of Stormwater Detention Basin C, with 80 acre-feet of detention storage w/ 9.5 ft depth & an inlet and outlet structure consisting of a culvert & a weir.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

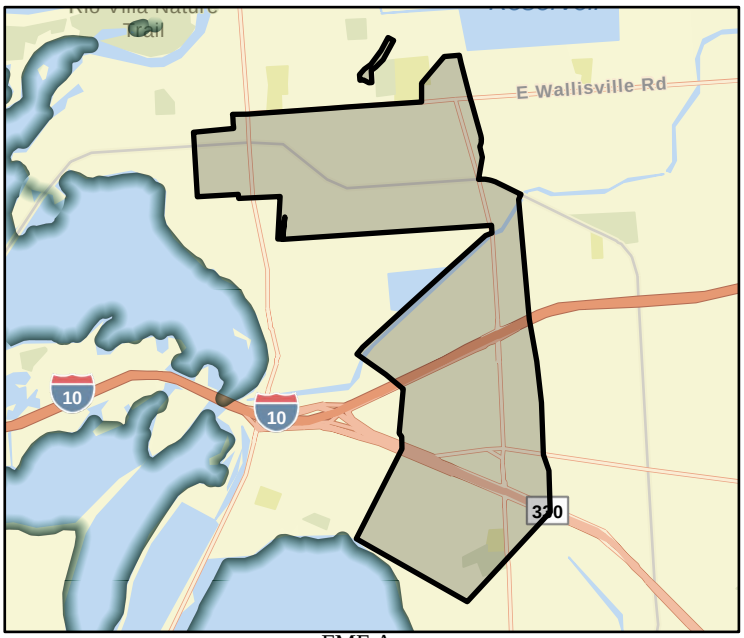
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.32 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,650	Structures at Risk	1,470	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	43.71	Impacted Roadway Miles	16.05
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,278



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Spring Gully Watershed Planning Project- Project Phase III

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000347 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Complete after phase 2. Relief channel intended to outfall into Stormwater Detention Basin C from Phase 2. Consists of trapezoidal 850-foot channel with cross culvert sized at Prairie Street. Upstream of the culvert crossing, the bottom width is 8 ft.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

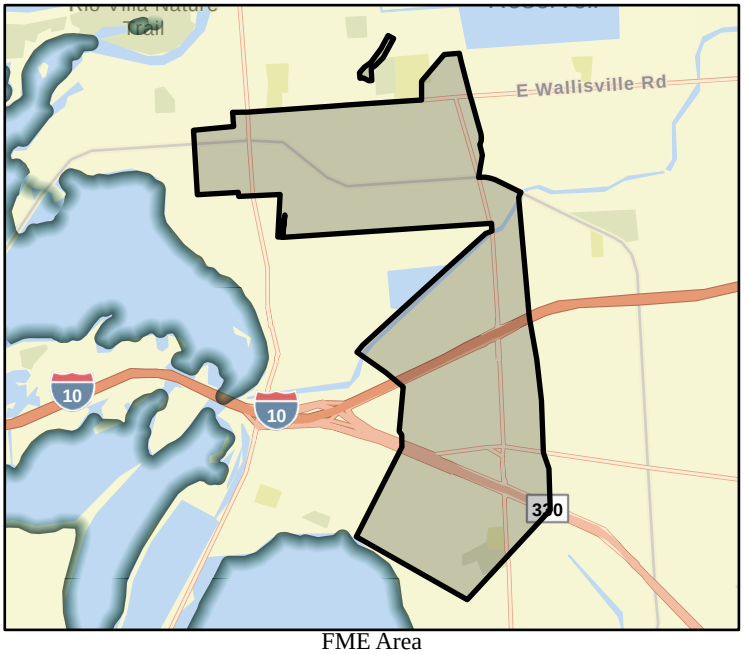
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.32 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,650	Structures at Risk	1,470	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	43.71	Impacted Roadway Miles	16.05
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,278



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston Bay - Right-of-Way Acquisition, Design and Construction of General Drainage Improvements Along F216-00-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000348 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. The project could reduce the risk of flooding for more than 450 structures in an Atlas 14 1% rainfall event.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

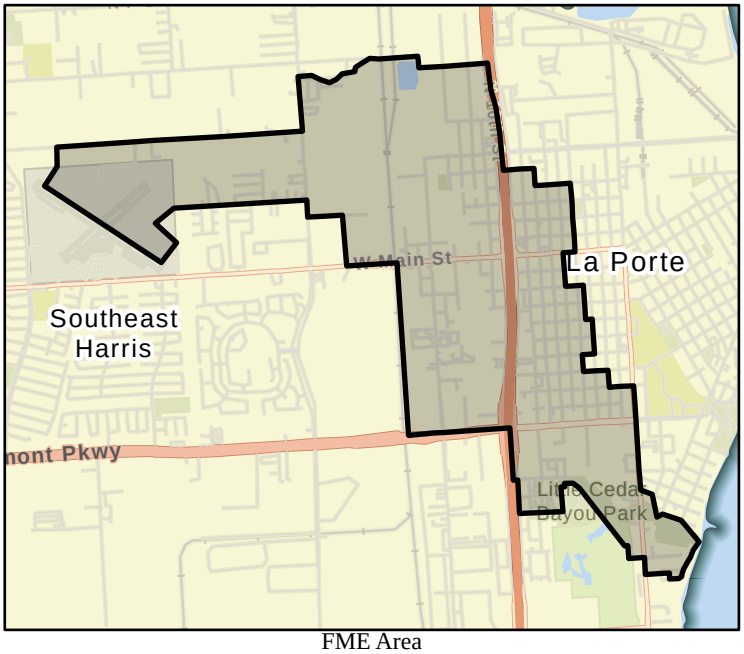
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.92 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	2,226	Structures at Risk	892	Critical Facilities at Risk	5
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	92.75	Impacted Roadway Miles	22.24
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	545



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston Bay - Right-of-Way Acquisition, Design and Construction of General Drainage Improvements Along F101-06-00

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000349 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. The project could reduce the risk of flooding for over 40 structures in an Atlas 14 1% rainfall event.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

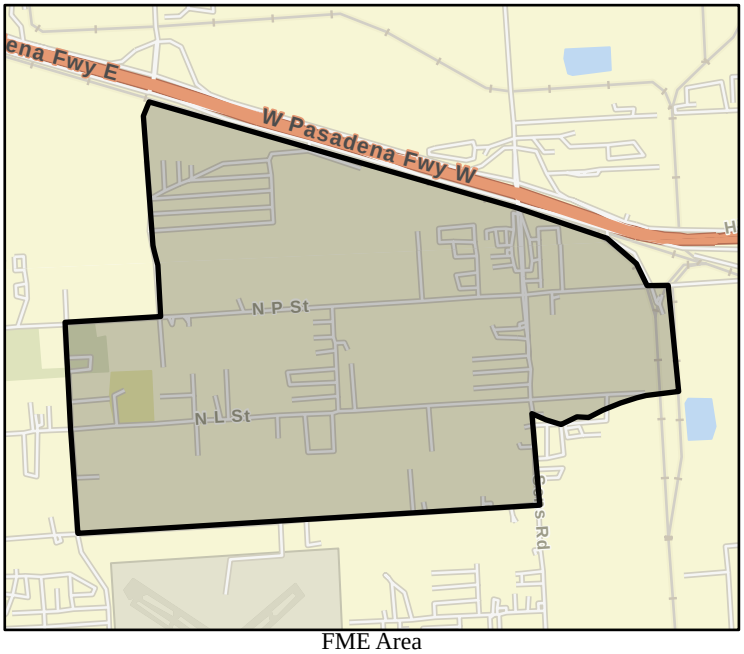
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.02 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,444	Structures at Risk	756	Critical Facilities at Risk	1
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	47.26	Impacted Roadway Miles	6.98
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	671



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Galveston Bay Watershed Plan- PA04 (S+4) Crossing Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000350 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Recommended alternative directly addresses need for improved channel conveyance by increasing the size of the crossings at El Jardin Dr and Youpon Dr. to 8'x5' box culverts.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

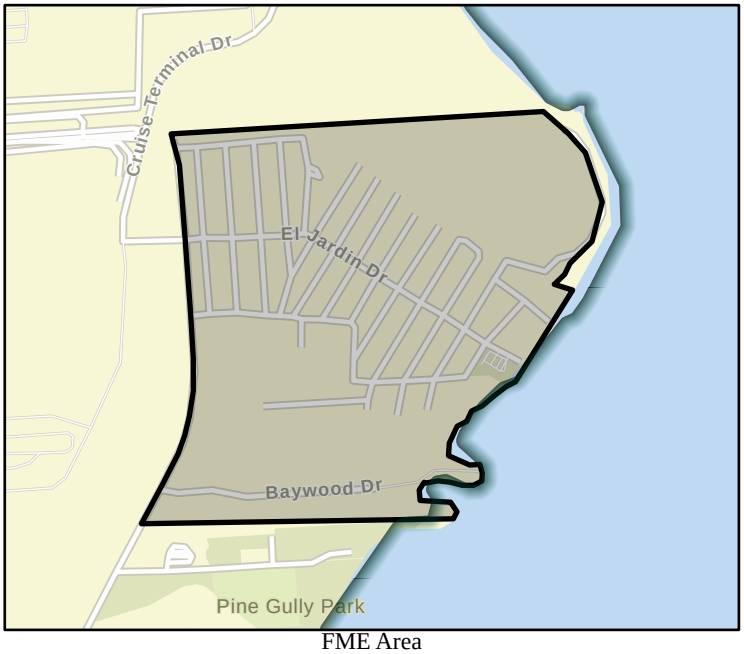
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.5 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	637	Structures at Risk	331	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	10.83	Impacted Roadway Miles	4.56
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	311



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: TC Jester Detention Basin

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000353 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Construction of a 25 acre stormwater detention basin. Estimated construction cost is $10,047,910. This application is requesting $10,000,000.00 of these funds.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

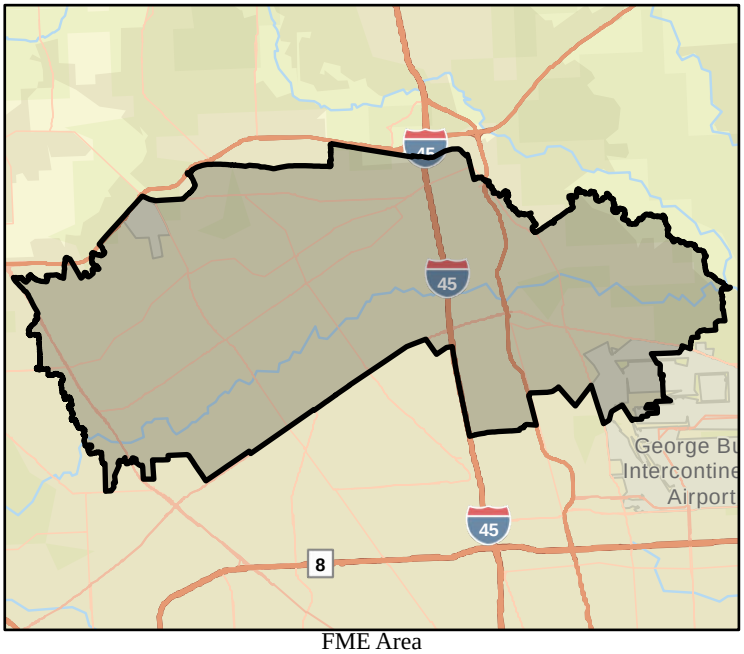
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 93.16 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	73,238	Structures at Risk	15,746	Critical Facilities at Risk	200
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,745.65	Impacted Roadway Miles	518.92
Low Water Crossings	7	Total Historical Road Closures	7	Residential at Risk	13,603



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Halls Bayou Drainage Project Bond C-26 & C-27

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000354 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. FIF application information unavailable.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

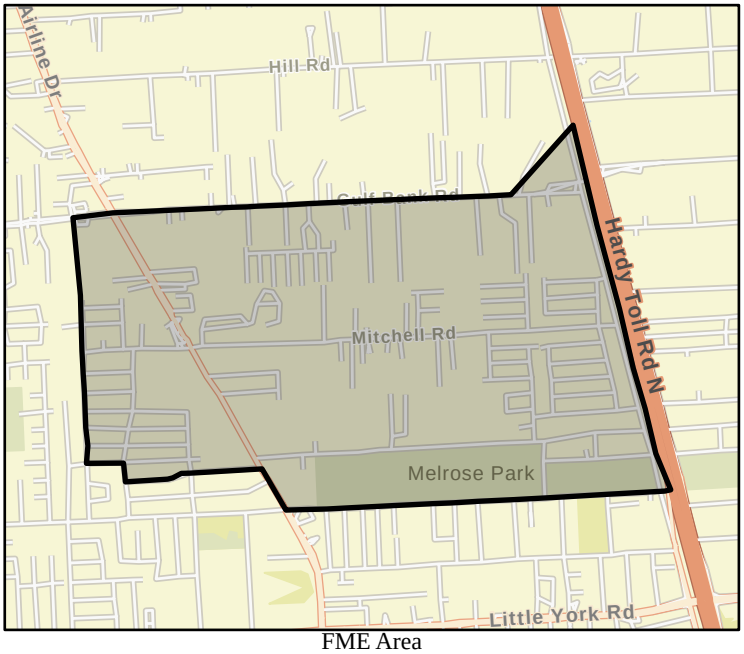
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.58 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,694	Structures at Risk	1,798	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1.17	Impacted Roadway Miles	14.07
Low Water Crossings	1	Total Historical Road Closures	1	Residential at Risk	1,198



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Little Cypress Creek - Management, Right-of-Way Acquisition, Design and Construction of the Little Cypress Creek Frontier Program

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000358 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a BCR required for this to become a FMP. The Little Cypress Creek Frontier program will reduce the risk of flooding and include detention, sediment control, vegetation management and other flood risk management projects.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

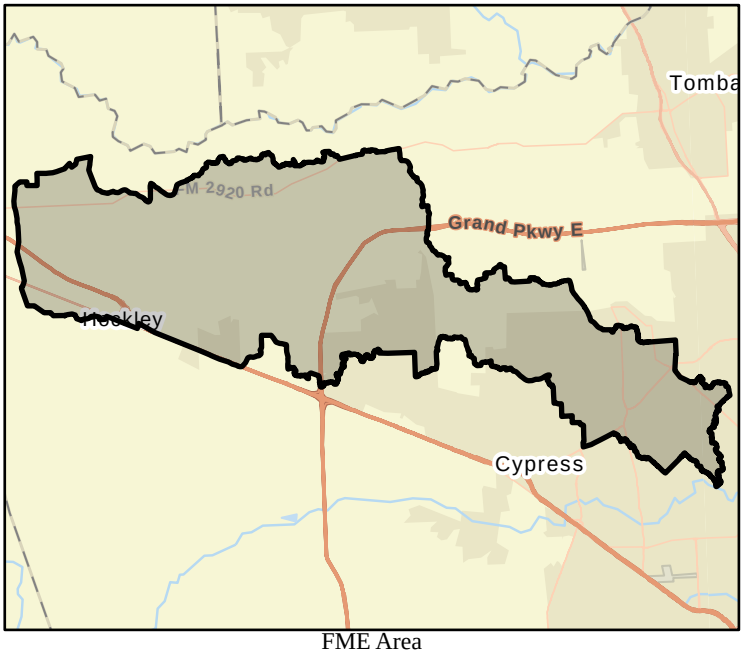
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 52.3 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	14,586	Structures at Risk	6,049	Critical Facilities at Risk	16
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	8,647.59	Impacted Roadway Miles	137.94
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	5,071



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title G103-80-03.1B (Taylor Gully)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID 06-51-0000000361 Sponsor Entity ID 00-01-0000000310

Sponsor name Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type Project Planning Est. FME Cost $36,000

FME Description Study to develop a BCR required for this project to become a FMP. Improvements to Taylor Gully include two miles of channel conveyance improvements to the upper limits of Taylor Gully and a concrete low flow structure.

County Multiple Existing/Anticipated Models? Yes New H&H Model? No

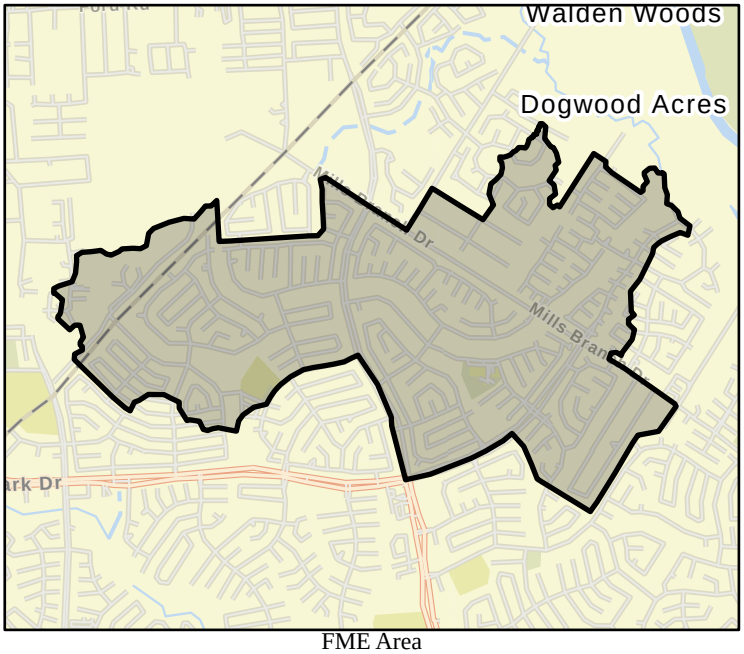
Emergency Need? No Emergency Need Description

Drainage Area (est. sq-mi) 2.06 Assumptions/Relevant Context N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area N/A

Population at Risk	3,996	Structures at Risk	1,461	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	33.87	Impacted Roadway Miles	28.19
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,453



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Goose Creek O119-00-00-P001 (Alt 2A1)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000362 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Construction of channel modifications and in-line stormwater detention along O119 to facilitate Harris County drainage improvements in Highland Mobile Estates.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

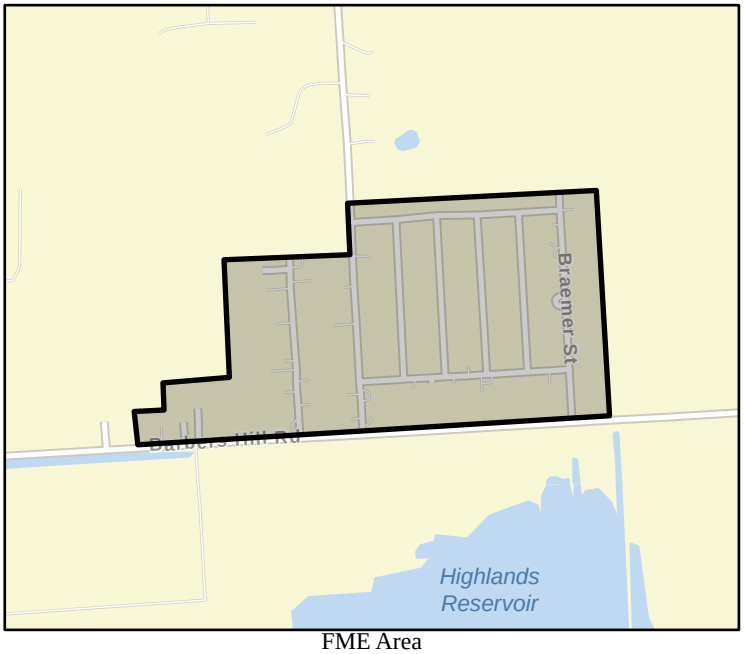
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.23 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	164	Structures at Risk	84	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	9.19	Impacted Roadway Miles	0.42
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	79



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Goose Creek O119-00-00-P001 (Alt 2A3)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000363 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Secondary option for the recommended alternative with less benefits and project cost.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

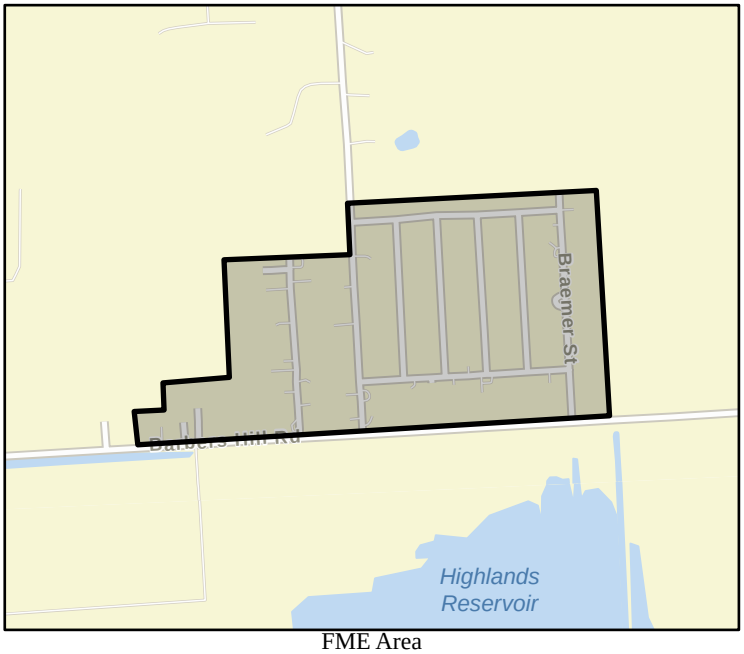
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 0.23 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	164	Structures at Risk	84	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	9.19	Impacted Roadway Miles	0.42
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	79



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Sims Bayou C116 Storm Sewer Improvement (C116-00-00-P001) From Mykawa Road to Telephone Road

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000364 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a BCR required for this project to become a FMP. To increase the system C116 capacity, Alternative 1 adds capacity to the C116 system trunkline through an additional parallel trunkline, from Dixie Drive to Sims Bayou.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

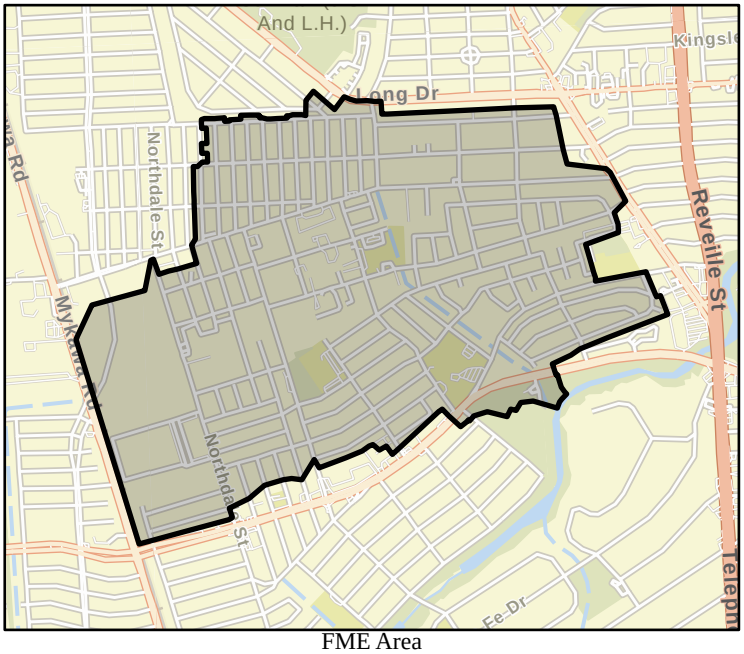
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.4 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,046	Structures at Risk	1,208	Critical Facilities at Risk	5
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	46.24	Impacted Roadway Miles	24.58
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	992



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Greens Bayou - Planning, Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along P138-01-01

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000366 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Potential federal funded project, the risk of flooding could be reduced for approximately 100 structures in a pre-Atlas 1% rainfall event.

County: Harris Existing/Anticipated Models? Yes New H&H Model? No

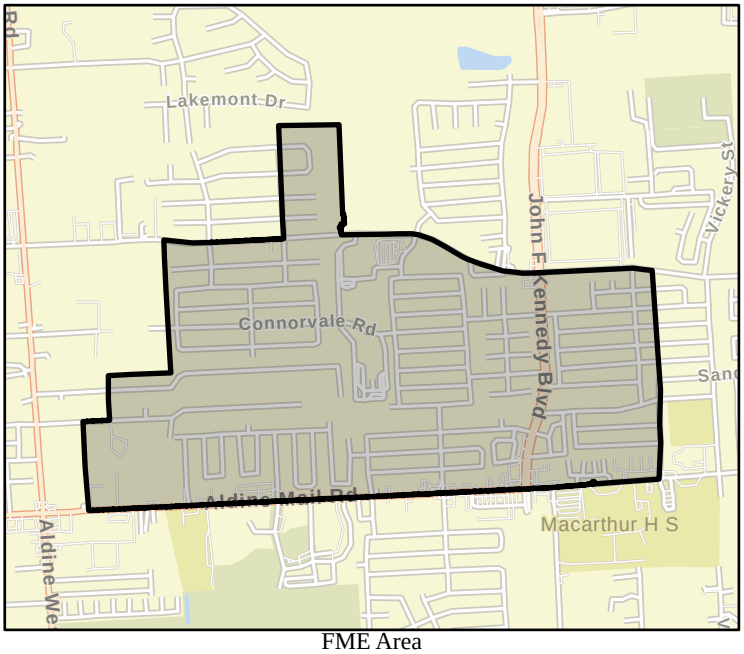
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 1.07 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	5,578	Structures at Risk	1,473	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	7.8	Impacted Roadway Miles	14.11
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	1,405



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cedar Bayou Flood Risk Reduction Study - Property Acquisition in segment from SH 146 to Galveston Bay along Cedar Bayou (Q100-00-00)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000367 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Property Acquisition in segment from SH 146 to Galveston Bay along Cedar Bayou.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 28.52 Assumptions/Relevant Context: N/A

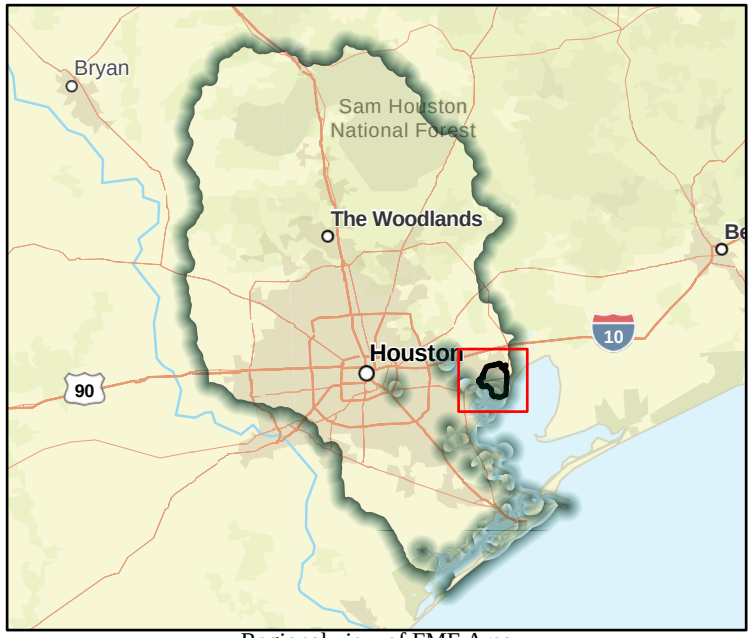
100-Year Flood Risk Summary

Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,691	Structures at Risk	1,438	Critical Facilities at Risk	21
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	986.11	Impacted Roadway Miles	60.67
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	1,087



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cedar Bayou Flood Risk Reduction Study - Q130 Channel improvements from Crosby Eastgate Rd. to Q100 Confluence

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000368 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Cedar Bayou Flood Risk Reduction Study - Q130 Channel improvements from Crosby Eastgate Rd. to Q100 Confluence.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 3.53 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	327	Structures at Risk	304	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	975.54	Impacted Roadway Miles	3.57
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	250



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cedar Bayou Flood Risk Reduction Study - Property Acquisition in segment from IH-10 to SH 146 along Cedar Bayou (Q100-00-00)

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000369 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Property Acquisition in segment from IH-10 to SH 146 along Cedar Bayou.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

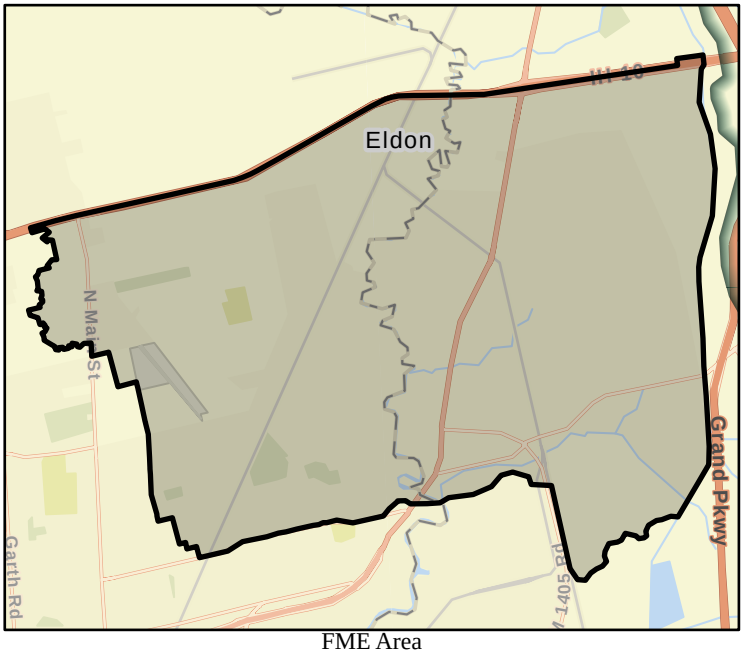
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 18.78 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	4,893	Structures at Risk	2,189	Critical Facilities at Risk	3
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	1,243.97	Impacted Roadway Miles	45.84
Low Water Crossings	2	Total Historical Road Closures	2	Residential at Risk	1,722



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: City of Tomball Drainage Improvements

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000373 Sponsor Entity ID: 06-01-0000003302

Sponsor name: Tomball (Municipality)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to the drainage project for the City of Tomball is comprised of building storm sewer systems and channel conveyance to enable flood waters to be removed from portions of the city bounded by Holderrieth Road, SH 249, UPRR, and FM 2920.

County: Multiple Existing/Anticipated Models? No New H&H Model? No

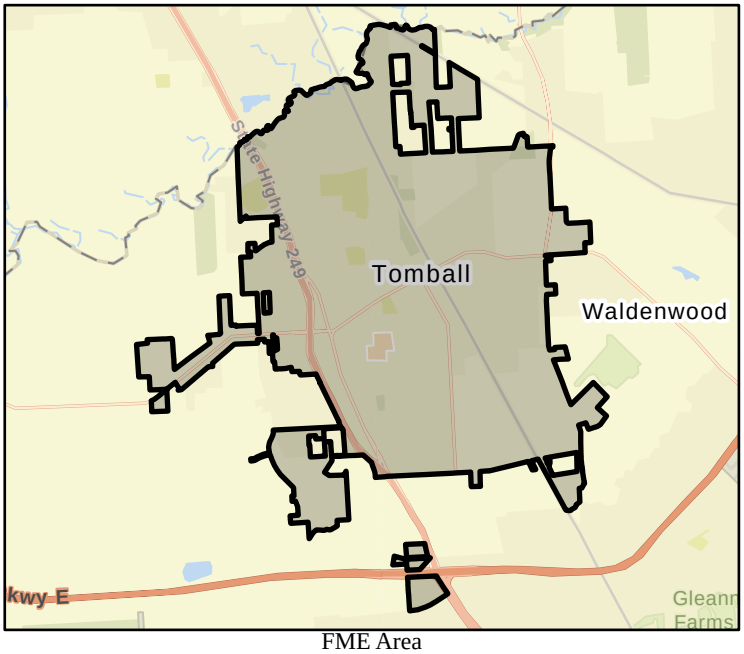
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 13.09 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	3,688	Structures at Risk	579	Critical Facilities at Risk	17
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	754.91	Impacted Roadway Miles	19.55
Low Water Crossings	4	Total Historical Road Closures	4	Residential at Risk	402



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cedar Bayou Flood Risk Reduction Study - Channel improvements from US 90 to FM 1942

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000376 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Cedar Bayou channel improvements from US 90 to FM 1942.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

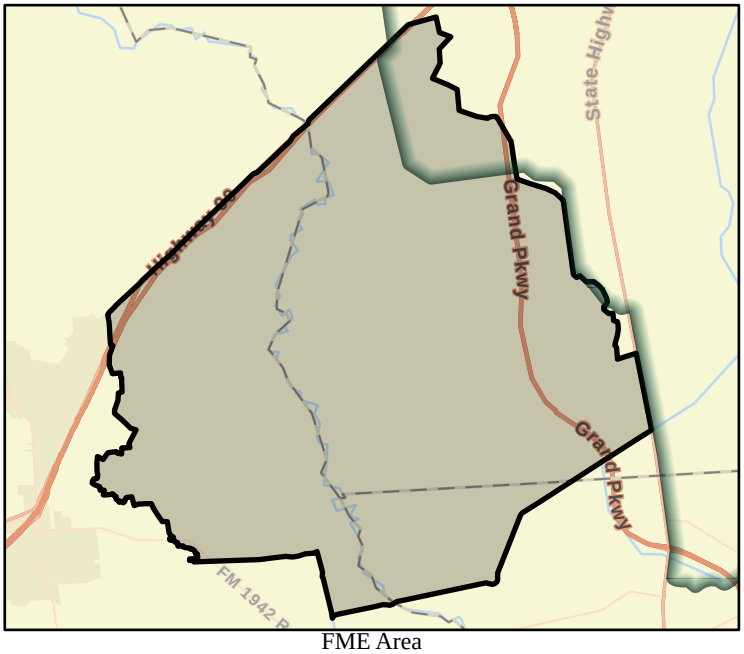
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 51.93 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	1,878	Structures at Risk	1,301	Critical Facilities at Risk	2
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	11,416.3	Impacted Roadway Miles	30.75
Low Water Crossings	3	Total Historical Road Closures	3	Residential at Risk	881



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Cedar Bayou Flood Risk Reduction Study - Channel improvements upstream of FM 1960

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000379 Sponsor Entity ID: 00-01-0000000310

Sponsor name: Harris County Flood Control District (Flood District)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Cedar Bayou channel improvements upstream of FM 1960.

County: Multiple Existing/Anticipated Models? Yes New H&H Model? No

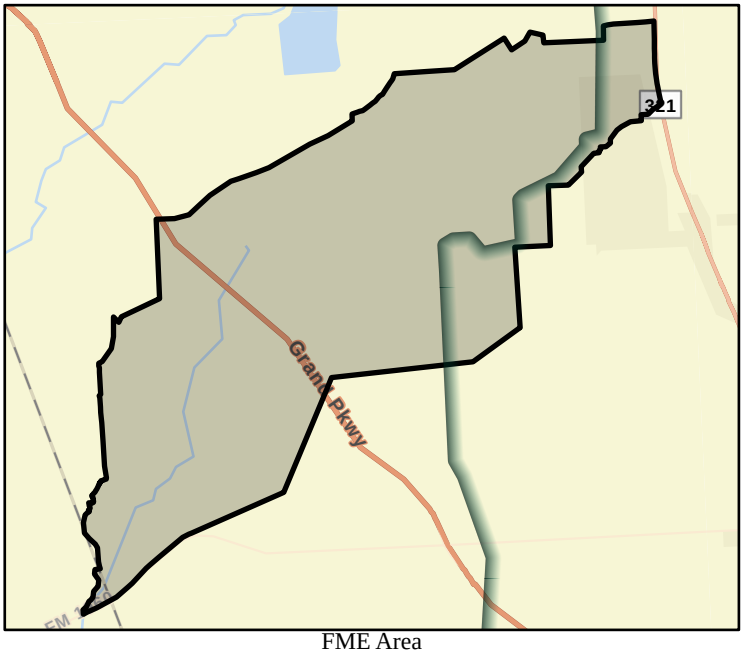
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 23.1 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	433	Structures at Risk	193	Critical Facilities at Risk	0
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	7,220.59	Impacted Roadway Miles	12.71
Low Water Crossings	5	Total Historical Road Closures	5	Residential at Risk	126



FME Area



Regional view of FME Area

Flood Management Evaluation (FME)

Title: Roman Forest Boulevard Bridge Elevation Project

SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

FME ID: 06-51-0000000388 Sponsor Entity ID: 06-01-0000000037

Sponsor name: Montgomery County (County)

RFPG recommend? Yes Reason for Recommendation: Alignment with RFPG goals and TWDB guidance principles.

FME Details

FME Type: Project Planning Est. FME Cost: $36,000

FME Description: Further study of this project involves the study, design, elevation, and replacement of the Roman Forest Boulevard Bridge to mitigate the risks associated with storms and riverine flooding for the approximate 15,000 citizens.

County: Montgomery Existing/Anticipated Models? No New H&H Model? No

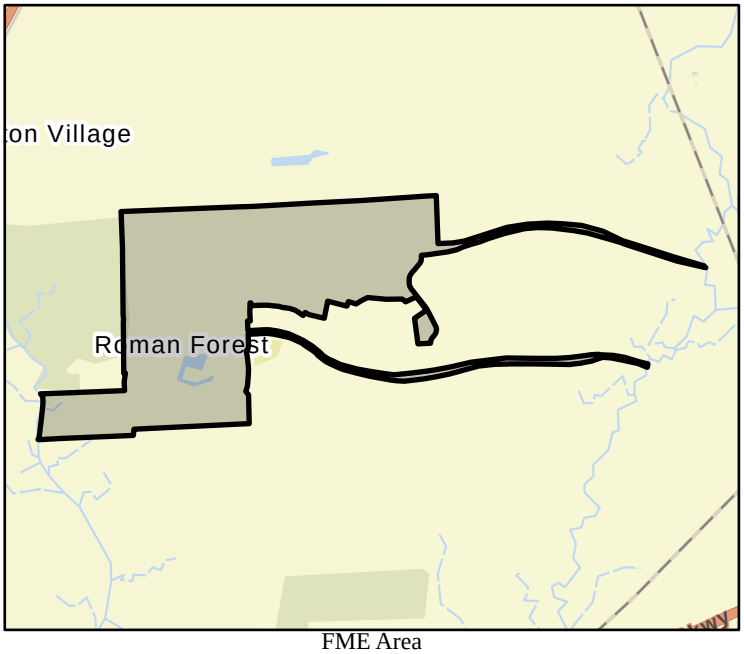
Emergency Need? No Emergency Need Description:

Drainage Area (est. sq-mi): 2.2 Assumptions/Relevant Context: N/A

100-Year Flood Risk Summary

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No Known Lives Lost in Study Area: N/A

Population at Risk	614	Structures at Risk	202	Critical Facilities at Risk	4
Emergency Facilities at Risk	N/A	Farm/Ranch at Risk (acres)	46.27	Impacted Roadway Miles	4.69
Low Water Crossings	0	Total Historical Road Closures	0	Residential at Risk	174



FME Area



Regional view of FME Area