

Flood Management Evaluation (FME)



Title **Halls Bayou Drainage Project Bond C-26 & C-27**

ID# **061000354**

Sponsor (name of entity, not person) **Harris County Flood Control District**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Study to develop a Benefit Cost Analysis needed for this project to become a FMP. FIF application information unavailable.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Harris** Watershed HUC# (if known) **120401040605,120401040601,120401040302,120401040604,120401040**

Drainage area (Square miles, est.) **2** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **5,511** # of structures **1,432** Critical facilities **8**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

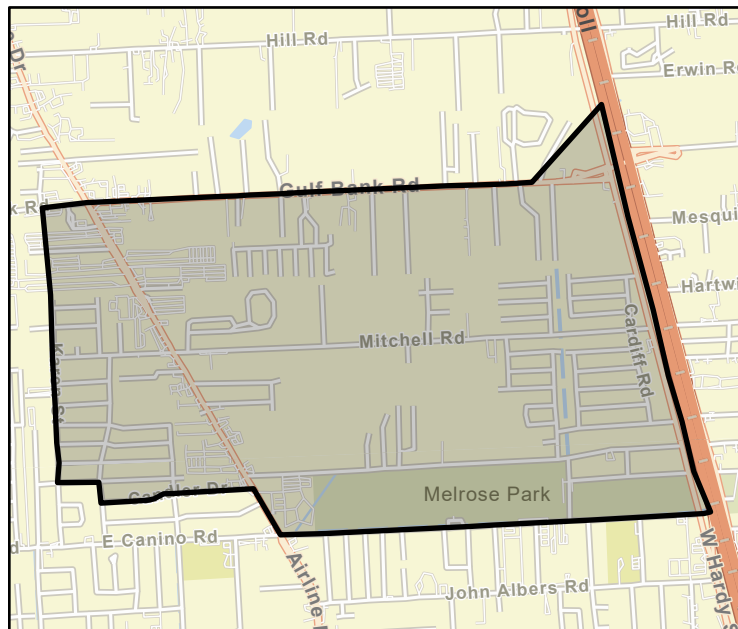
Farm/Ranch land impacted (acres) **-** Roadway(s) impacted (length) **10**

Number of low water crossings **1** Historical road closures **1**

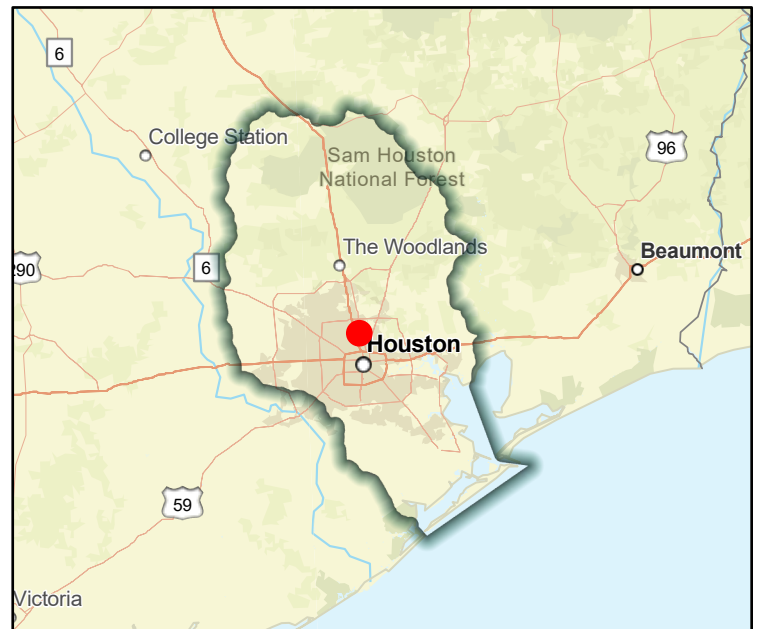
Estimated Cost and Funding Availability

Total Cost **\$30,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **Unknown**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Harris County Wide - Investigation of City of Houston Properties for Conversion to Stormwater Detention Basins

ID# 061000197

Sponsor (name of entity, not person) Harris County Flood Control District

RFPG recommend? - Reason for Recommendation -



Study Details

Study type Project Planning

Study description Further study for design and construction of stormwater detention basins on various City of Houston properties could reduce the risk of flooding in the area

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Harris

Watershed HUC# (if known) 120401020104,120401020106,120401040601,120401040305,120401040

Drainage area (Square miles, est.) 1,771

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 976,798

of structures 143,642

Critical facilities 2,332

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? Yes

Other? Yes

Farm/Ranch land impacted (acres) 5,993

Roadway(s) impacted (length) 2,408

Number of low water crossings 89

Historical road closures

89

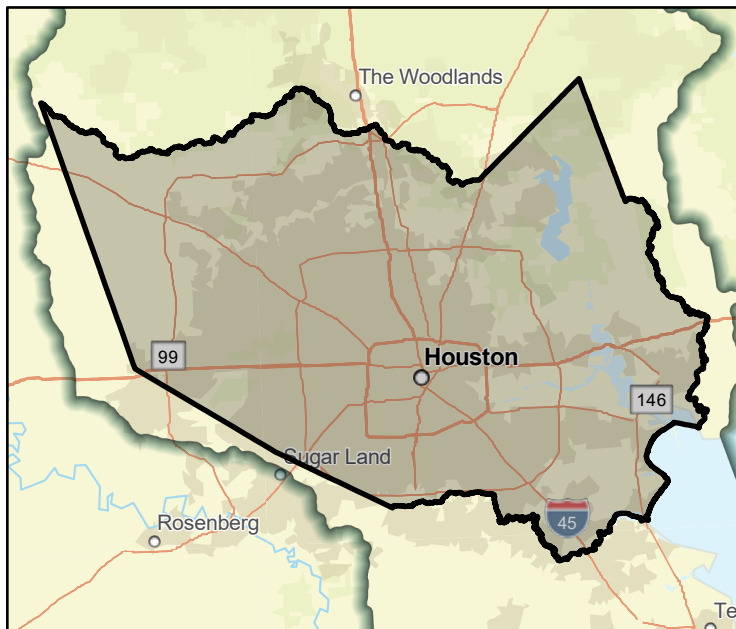
Estimated Cost and Funding Availability

Total Cost \$500,000

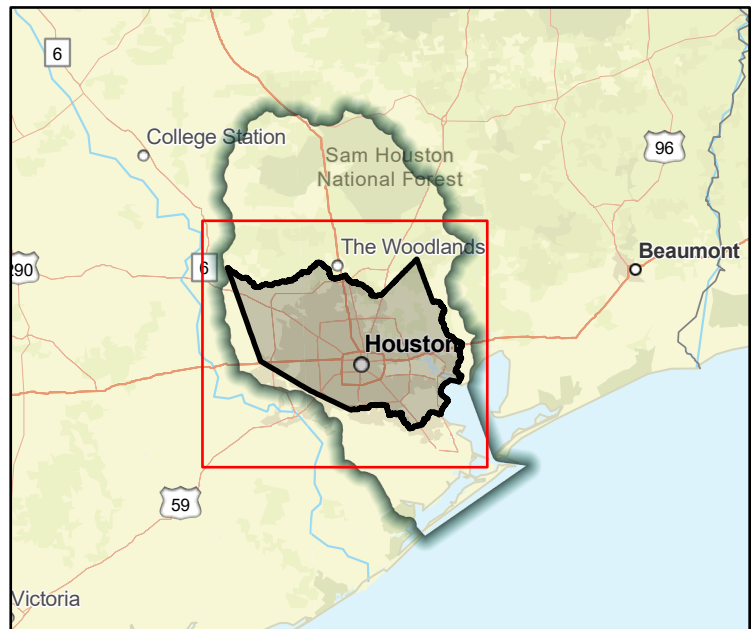
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hickory Slough (Upper Segment)**

ID# **061000057**

Sponsor (name of entity, not person) **Pearland (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study 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.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Brazoria** Watershed HUC# (if known) **120402040100**

Drainage area (Square miles, est.) **5** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **1,269** # of structures **413** Critical facilities **4**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

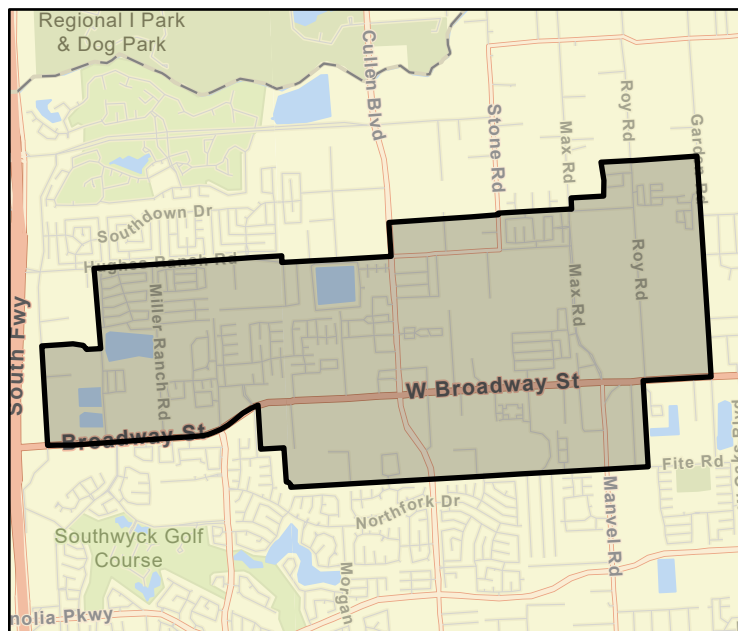
Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (length) **2**

Number of low water crossings **0** Historical road closures **0**

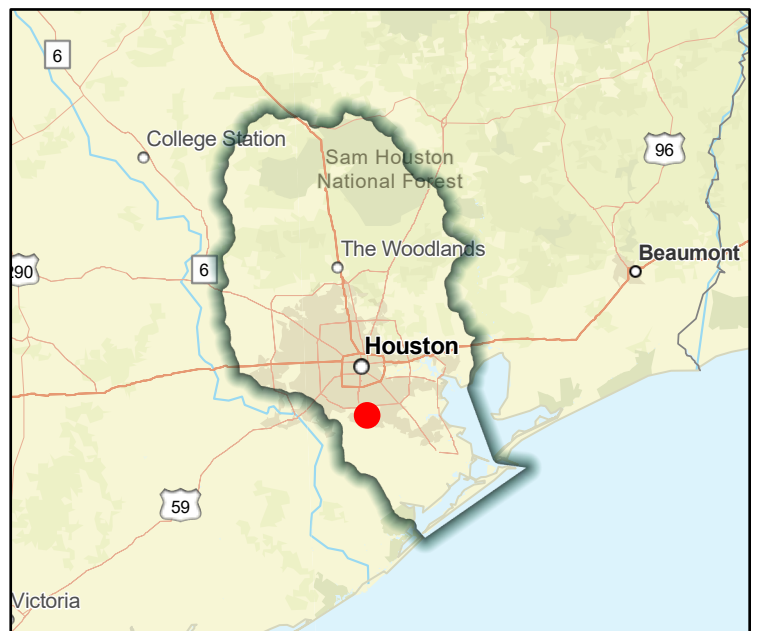
Estimated Cost and Funding Availability

Total Cost **\$1,136,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hickory Slough Lower Segment**

ID# **061000065**

Sponsor (name of entity, not person) **Pearland (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study 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.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Brazoria** Watershed HUC# (if known) **120402040100**

Drainage area (Square miles, est.) **1** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **1,648** # of structures **424** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

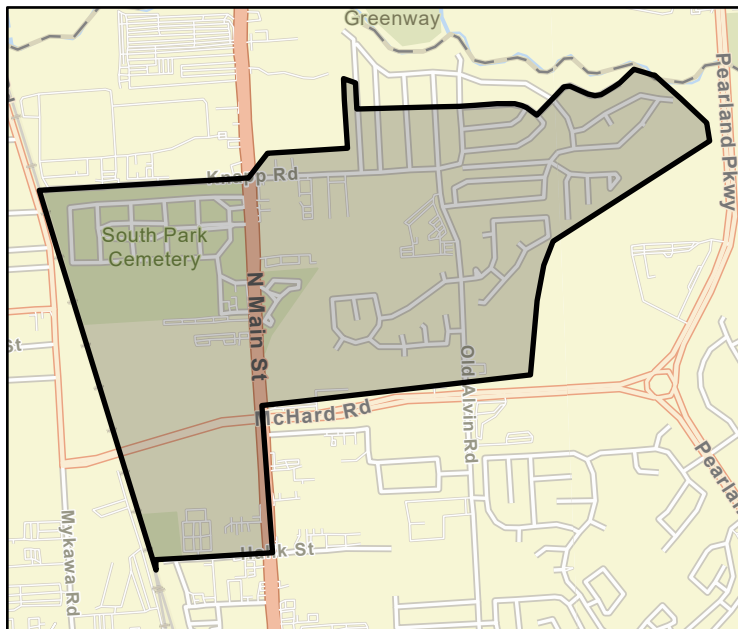
Farm/Ranch land impacted (acres) **5** Roadway(s) impacted (length) **6**

Number of low water crossings **0** Historical road closures **0**

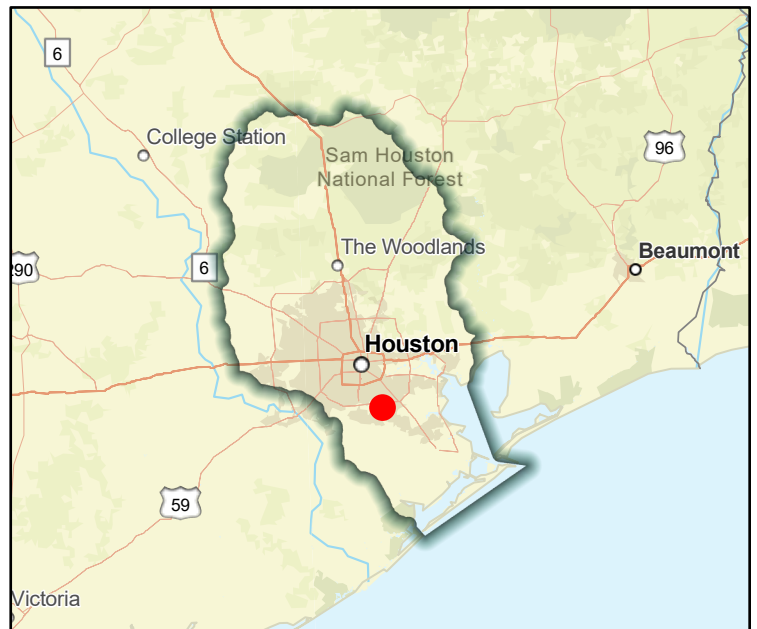
Estimated Cost and Funding Availability

Total Cost **\$1,048,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hickory Slough Middle Segment

ID# 061000060

Sponsor (name of entity, not person) Pearland (Municipality)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study 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.

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Brazoria Watershed HUC# (if known) 120402040100

Drainage area (Square miles, est.) 2 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 1,596 # of structures 353 Critical facilities 0

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

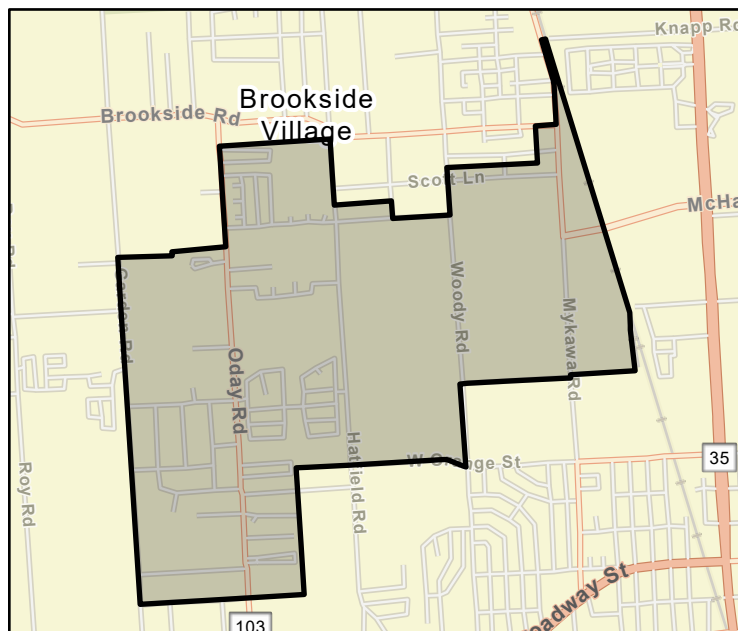
Farm/Ranch land impacted (acres) 8 Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

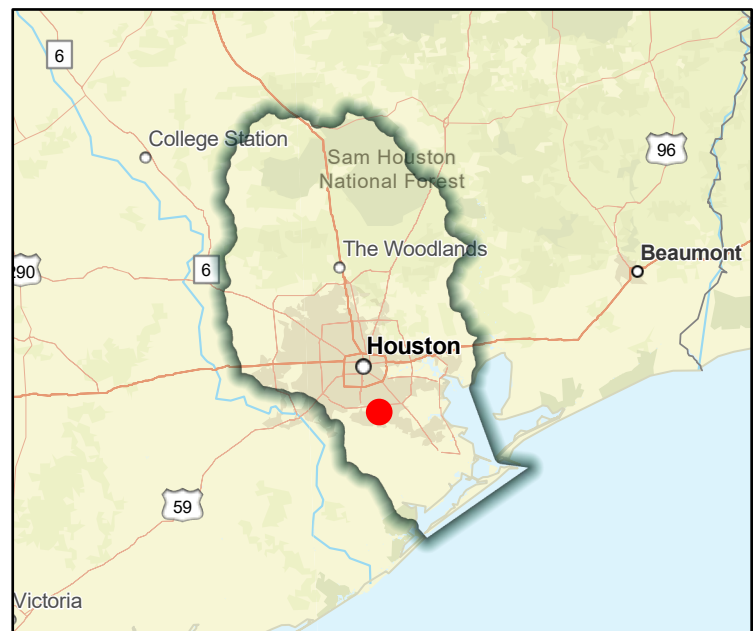
Estimated Cost and Funding Availability

Total Cost \$864,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Highland Terrace Drainage

ID# 061000103

Sponsor (name of entity, not person) League City (Municipality)

RFPG recommend? -

Reason for Recommendation -

Study Details

Study type Project Planning

Study description Further study of slope paving a portion of the drainage ditch north of FM 518, with probable wetland mitigation and lowering pavement section of Highland Terrace Drive.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Galveston,Harris

Watershed HUC# (if known) 120402040200,120402040100

Drainage area (Square miles, est.) 53

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 20,978

of structures 5,251

Critical facilities 25

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 1,308

Roadway(s) impacted (length) 105

Number of low water crossings 2

Historical road closures

2

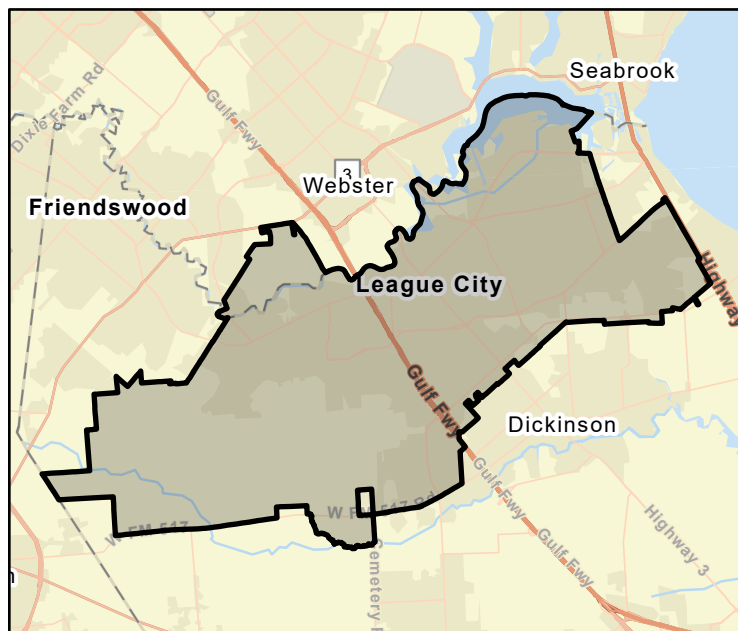
Estimated Cost and Funding Availability

Total Cost \$200,000

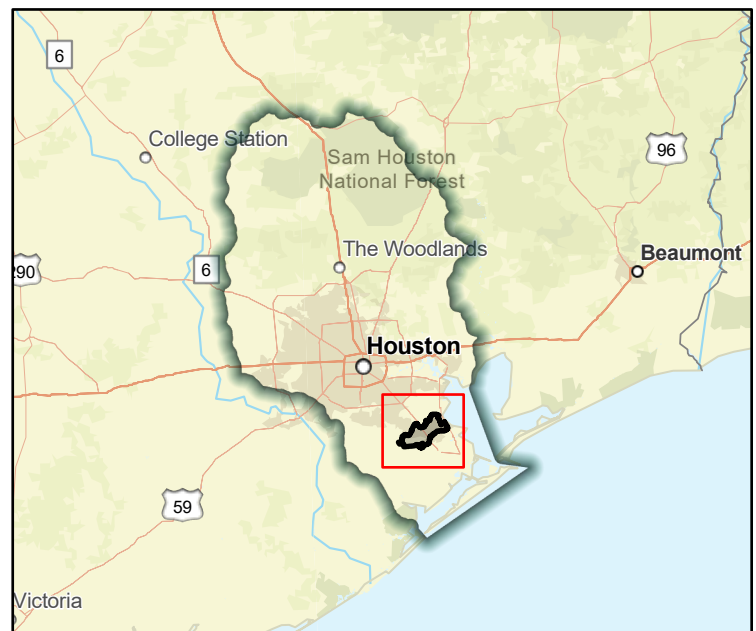
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Hostetter and Gourd Creek Bridges Elevation Evaluation

ID# 061000130

Sponsor (name of entity, not person) Walker (County)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

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

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Montgomery,San Jacinto,Walker Watershed HUC# (if known) 120401010202,120401010204,120401030101,120401030301,120401030

Drainage area (Square miles, est.) 76 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 1,900 # of structures 1,169 Critical facilities 0

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

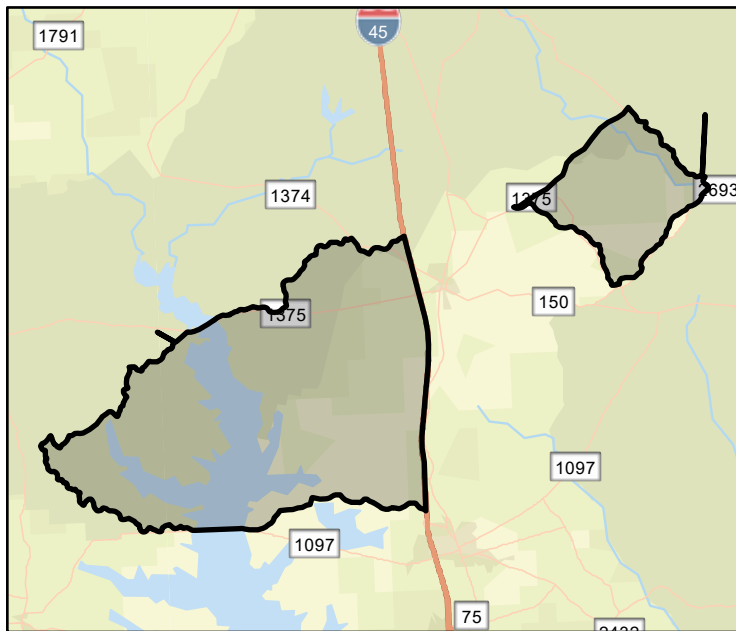
Farm/Ranch land impacted (acres) 25 Roadway(s) impacted (length) 10

Number of low water crossings 2 Historical road closures 2

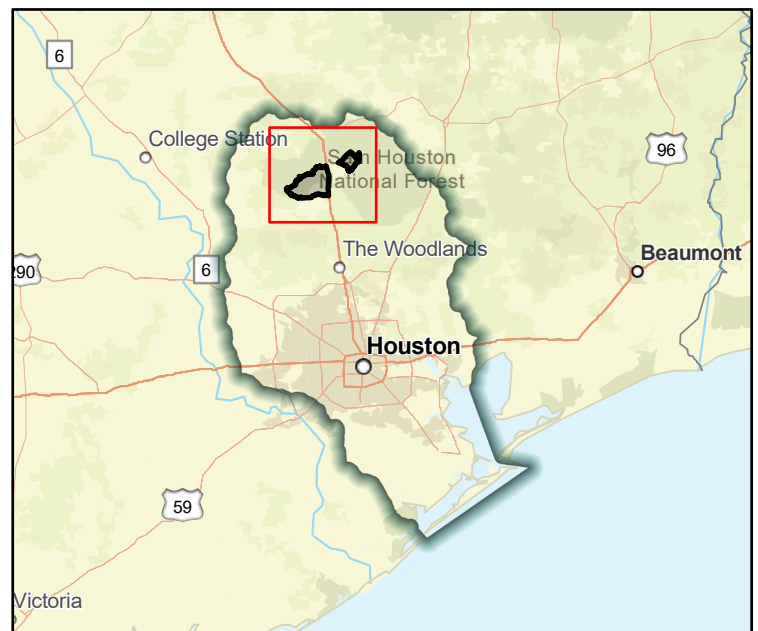
Estimated Cost and Funding Availability

Total Cost \$50,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Houston Braeburn Glen Area Flood Mitigation

ID# 061000384

Sponsor (name of entity, not person) Houston (Municipality)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study description Further study of a proposed project that includes upsizing of the existing stormwater system with new pipes, inlets, and manholes. Lateral improvement will be completed on Mahoning Drive and Valley View Lane.

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Fort Bend,Harris Watershed HUC# (if known) 120401040401

Drainage area (Square miles, est.) 96 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 267,993 # of structures 32,129 Critical facilities 448

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

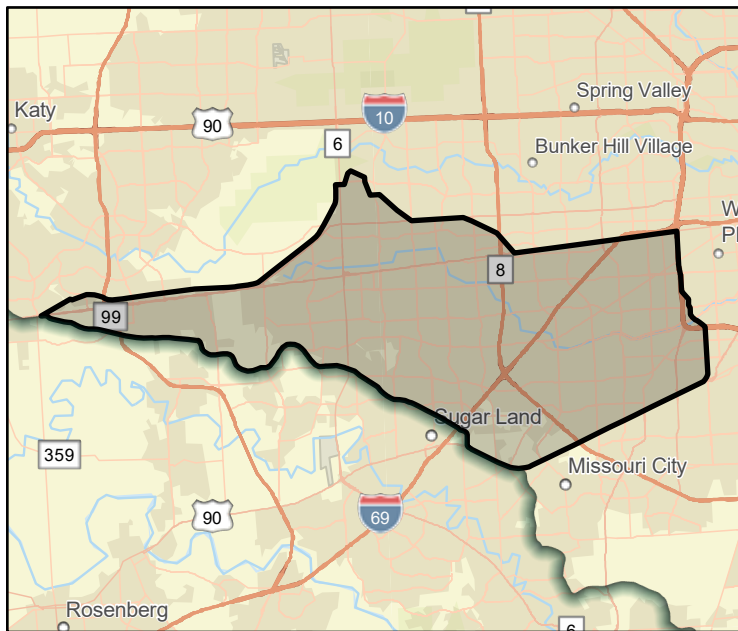
Farm/Ranch land impacted (acres) 42 Roadway(s) impacted (length) 412

Number of low water crossings 1 Historical road closures 1

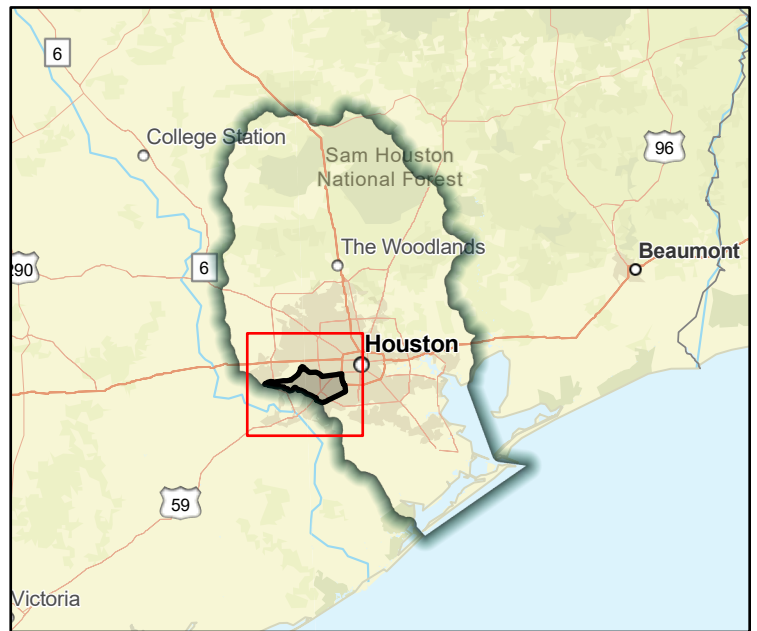
Estimated Cost and Funding Availability

Total Cost \$315,000 Amount of Available Funding - Federal funding availability -

Funding source CDBG-MIT



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Houston Fifth Area Flood Mitigation**

ID# **061000417**

Sponsor (name of entity, not person) **Houston (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Further study to develop this project into a FMP. This unfunded CDBG-MIT application involves installing various storm sewer infrastructure in the Fifth Ward within the City of Houston.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Harris** Watershed HUC# (if known) **120401040701**

Drainage area (Square miles, est.) **41** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **34,532** # of structures **6,262** Critical facilities **112**

Flood risk type: Riverine? **Yes** Coastal? **Yes** Local? **No** Playa? **No** Other? **No**

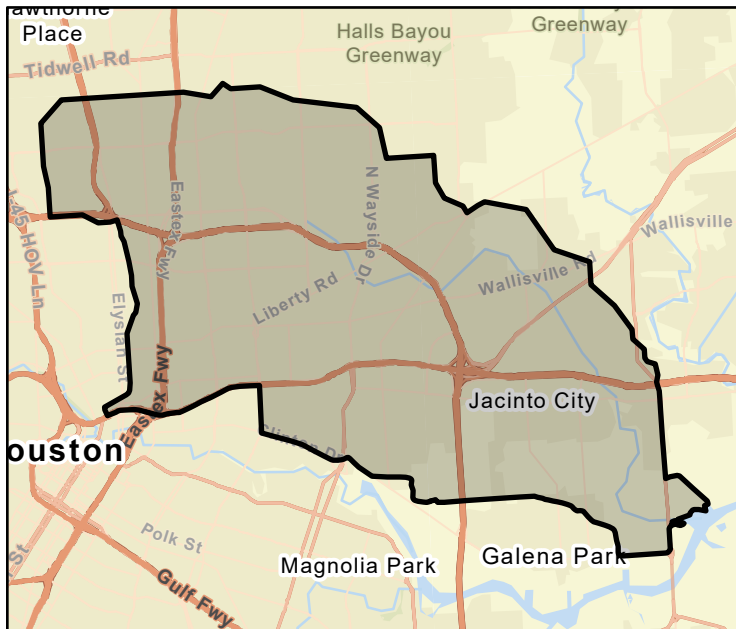
Farm/Ranch land impacted (acres) **20** Roadway(s) impacted (length) **101**

Number of low water crossings **6** Historical road closures **6**

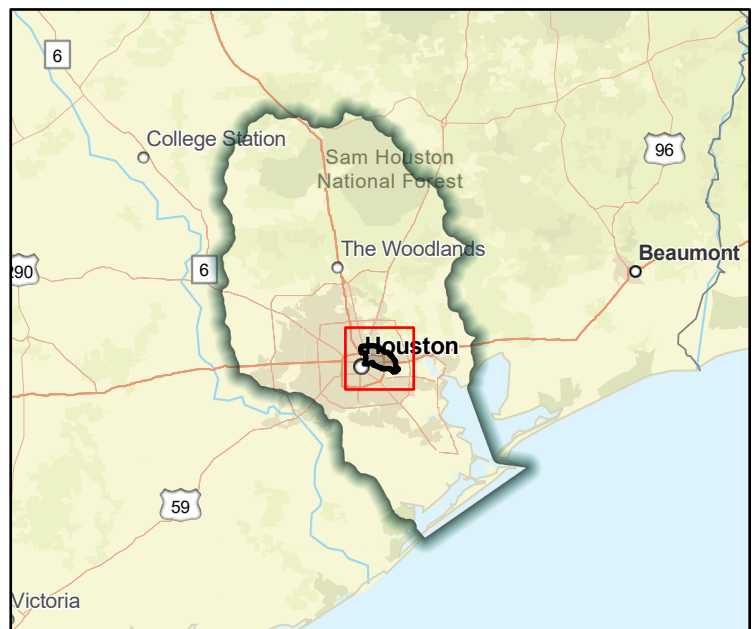
Estimated Cost and Funding Availability

Total Cost **\$5,000,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **CDBG-MIT**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Houston Huntington Village Area Flood Mitigation**

ID# **061000419**

Sponsor (name of entity, not person) **Houston (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Further study to develop this project into a FMP. The project includes storm sewer improvements in the Huntington Village neighborhood to reduce structural flood loss.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Fort Bend,Harris** Watershed HUC# (if known) **120401040401**

Drainage area (Square miles, est.) **96** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **267,993** # of structures **32,129** Critical facilities **448**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

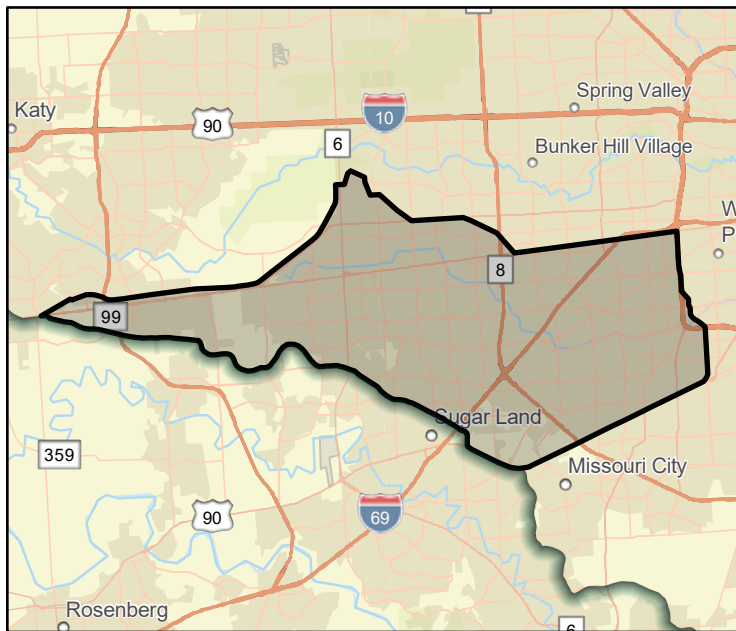
Farm/Ranch land impacted (acres) **42** Roadway(s) impacted (length) **412**

Number of low water crossings **1** Historical road closures **1**

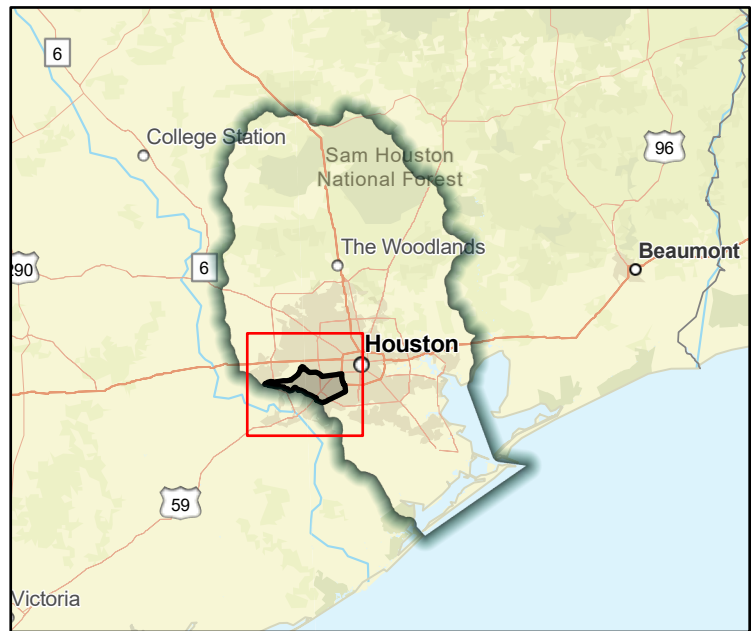
Estimated Cost and Funding Availability

Total Cost **\$3,890,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **CDBG-MIT**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Houston Kashmere Gardens Area Flood Mitigation**

ID# **061000434**

Sponsor (name of entity, not person) **Houston (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Further study to develop this project into a FMP. The project includes improvements to storm sewer, roadside ditch systems, culverts, sewer inlets, and the construction of detention basins.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Harris** Watershed HUC# (if known) **120401040703,120401040604,120401040606,120401040304,120401040**

Drainage area (Square miles, est.) **31** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **34,523** # of structures **6,244** Critical facilities **98**

Flood risk type: Riverine? **Yes** Coastal? **Yes** Local? **No** Playa? **No** Other? **No**

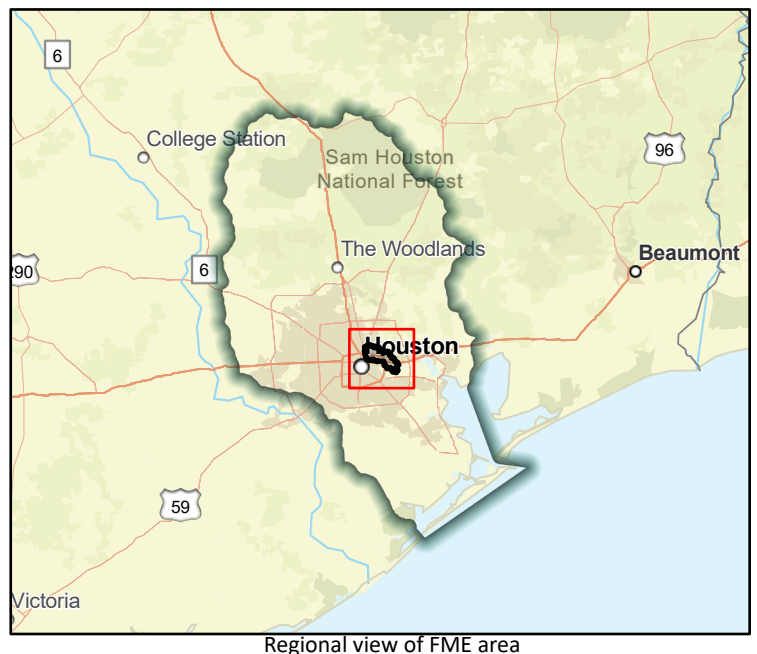
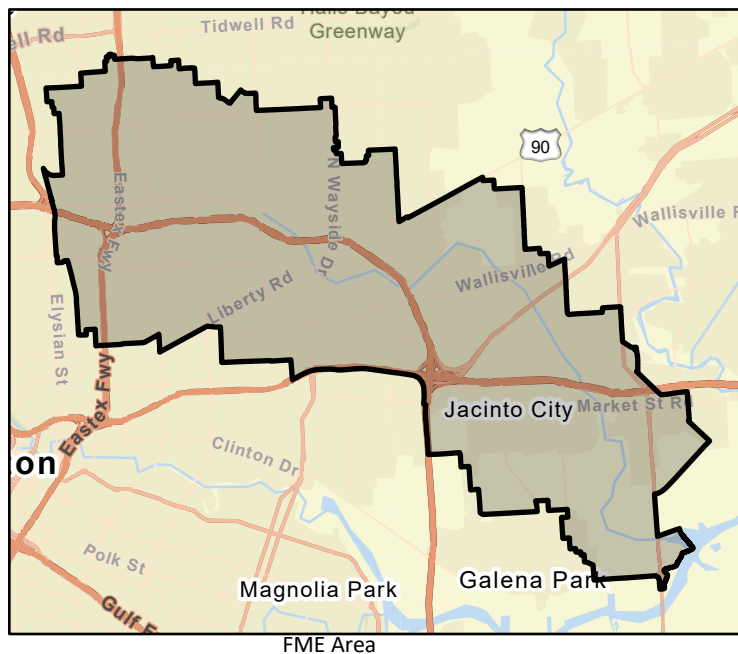
Farm/Ranch land impacted (acres) **21** Roadway(s) impacted (length) **102**

Number of low water crossings **6** Historical road closures **6**

Estimated Cost and Funding Availability

Total Cost **\$4,967,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **CDBG-MIT**



Flood Management Evaluation (FME)



Title **Houston Port Area Flood Mitigation**

ID# **061000418**

Sponsor (name of entity, not person) **Houston (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Further study to develop this project into a FMP. The project includes storm sewer improvements on nearly every street in the Pleasantville neighborhood to improve conveyance capacity and construction of a detention basin.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Harris** Watershed HUC# (if known) **120401040701**

Drainage area (Square miles, est.) **41** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **34,532** # of structures **6,262** Critical facilities **112**

Flood risk type: Riverine? **Yes** Coastal? **Yes** Local? **No** Playa? **No** Other? **No**

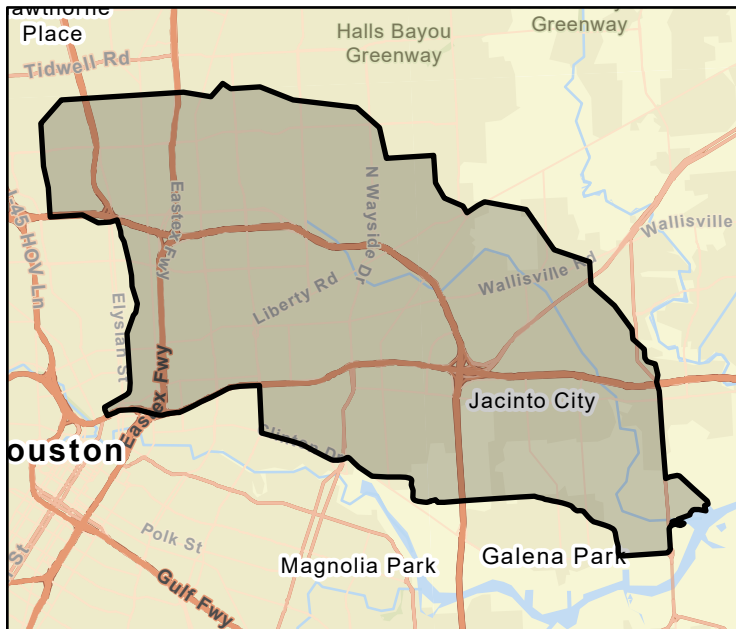
Farm/Ranch land impacted (acres) **20** Roadway(s) impacted (length) **101**

Number of low water crossings **6** Historical road closures **6**

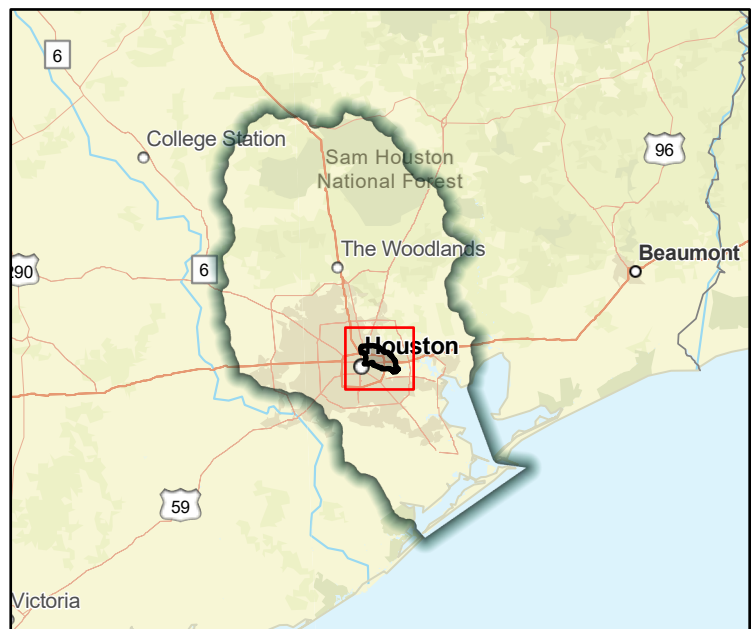
Estimated Cost and Funding Availability

Total Cost **\$4,901,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **CDBG-MIT**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Houston Sunnyside Area Flood Mitigation

ID# 061000468

Sponsor (name of entity, not person) Houston (Municipality)

RFPG recommend? -

Reason for Recommendation -

Study Details

Study type Project Planning

Study description Further study to develop into a FMP. Includes new storm sewer trunk systems on major thoroughfares & new or improved neighborhood storm sewer systems. Will also require construction of detention basins to mitigate the proposed improvements.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Harris

Watershed HUC# (if known) 120401040402,120401040502,120401040501,120402040100

Drainage area (Square miles, est.) 24

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 531

of structures 99

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 1

Roadway(s) impacted (length) 2

Number of low water crossings 0

Historical road closures 0

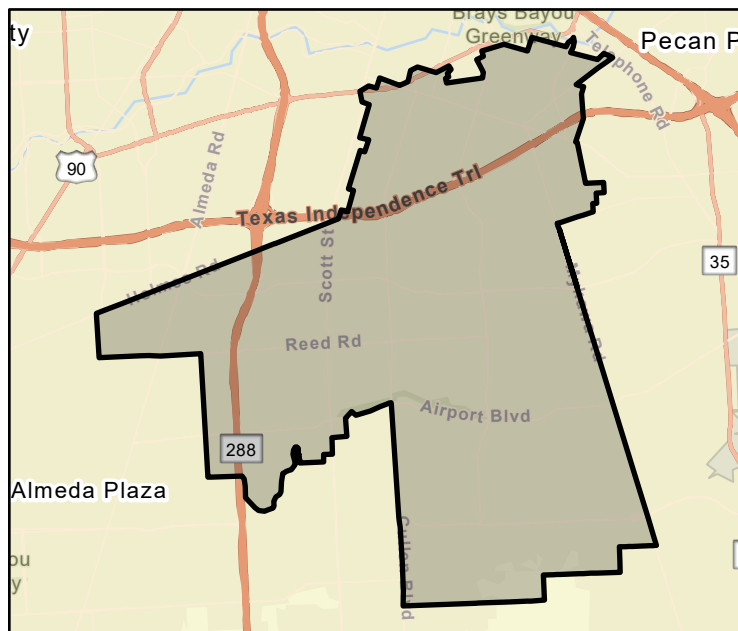
Estimated Cost and Funding Availability

Total Cost \$2,000,000

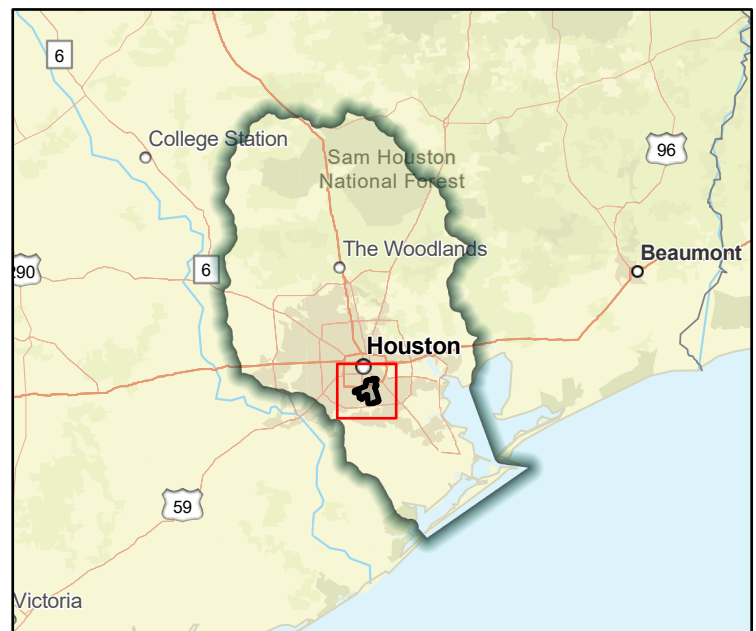
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Hunnington - Stewarts Creek Watershed**

ID# **061000456**

Sponsor (name of entity, not person) **Conroe (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Develop a benefits cost analysis in support of this project identified in the City of Conroe Master Drainage Plan.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Montgomery** Watershed HUC# (if known) **120401010207,120401010403,120401010401,120401010402,120401010**

Drainage area (Square miles, est.) **20** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **3,099** # of structures **516** Critical facilities **2**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

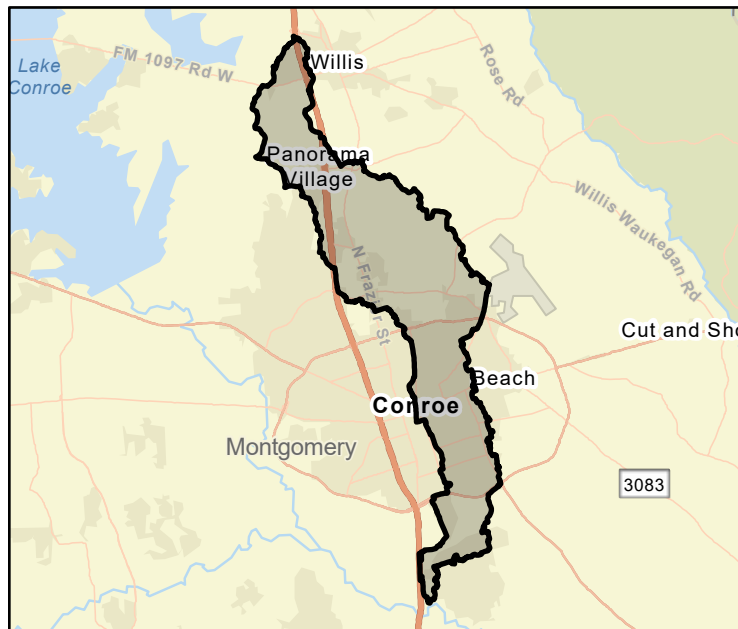
Farm/Ranch land impacted (acres) **2** Roadway(s) impacted (length) **10**

Number of low water crossings **9** Historical road closures **9**

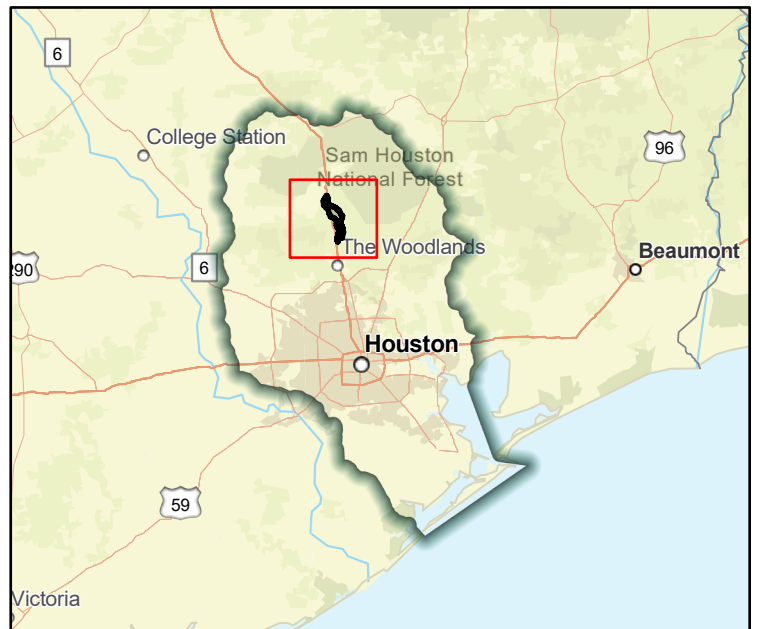
Estimated Cost and Funding Availability

Total Cost **\$30,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title **Hunting Bayou Wallisville Outfall (H103-00-00) - Denver Harbor**

ID# **061000406**

Sponsor (name of entity, not person) **Harris County Flood Control District**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Denver Harbor drainage system improvements.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Harris** Watershed HUC# (if known) **120401040606,120401040701**

Drainage area (Square miles, est.) **5** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **10,304** # of structures **396** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **Yes** Local? **No** Playa? **No** Other? **No**

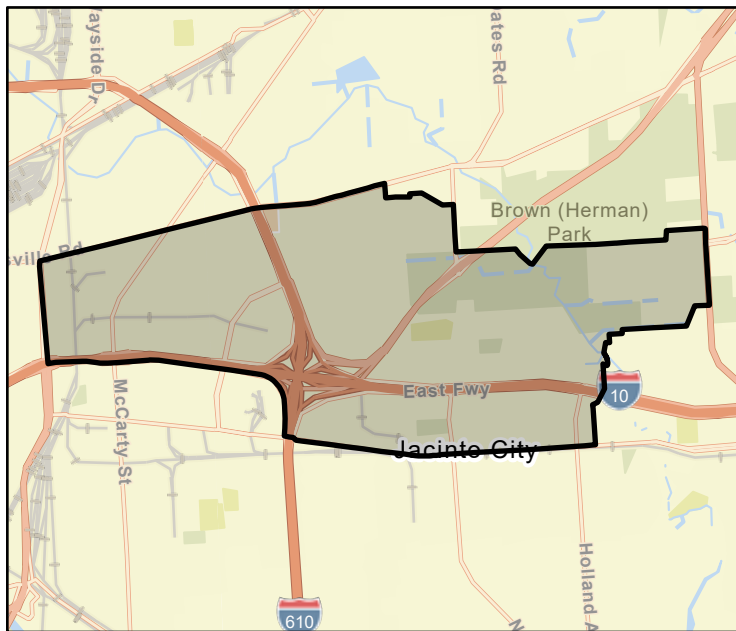
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **13**

Number of low water crossings **2** Historical road closures **2**

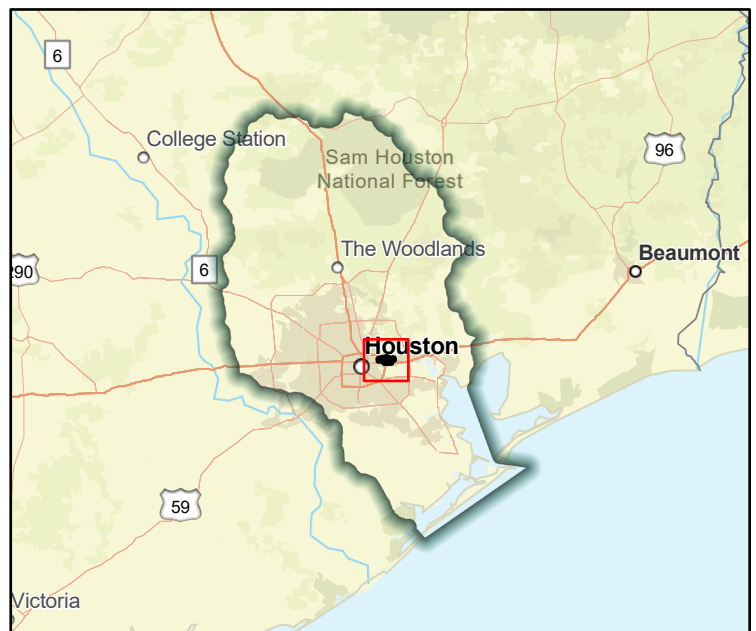
Estimated Cost and Funding Availability

Total Cost **\$30,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title **Hunting Bayou Wallisville Outfall (H103-00-00) - Gellhorn Drive**

ID# **061000405**

Sponsor (name of entity, not person) **Harris County Flood Control District**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Study to develop a Benefit Cost Analysis needed for this project to become a FMP. Diversion channel expansion for Gellhorn Drive flood reductions.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Harris** Watershed HUC# (if known) **120401040606,120401040701**

Drainage area (Square miles, est.) **5** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **10,304** # of structures **396** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **Yes** Local? **No** Playa? **No** Other? **No**

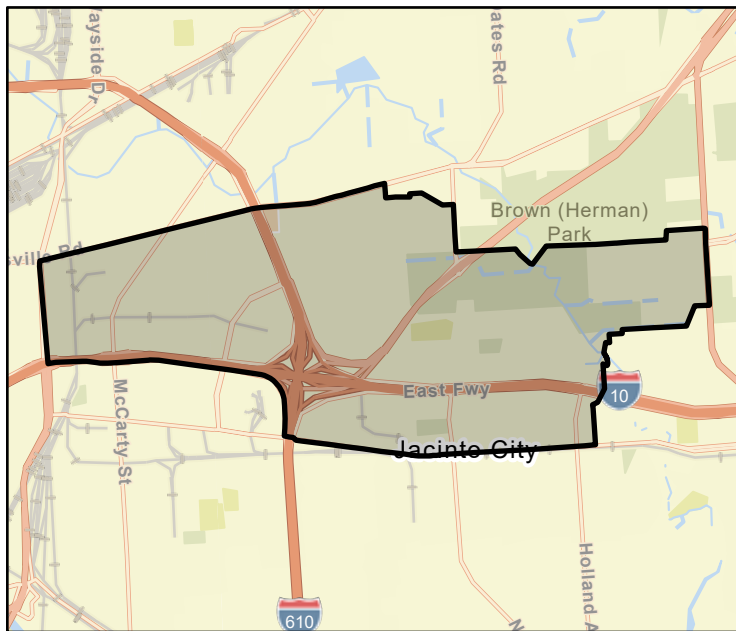
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **13**

Number of low water crossings **2** Historical road closures **2**

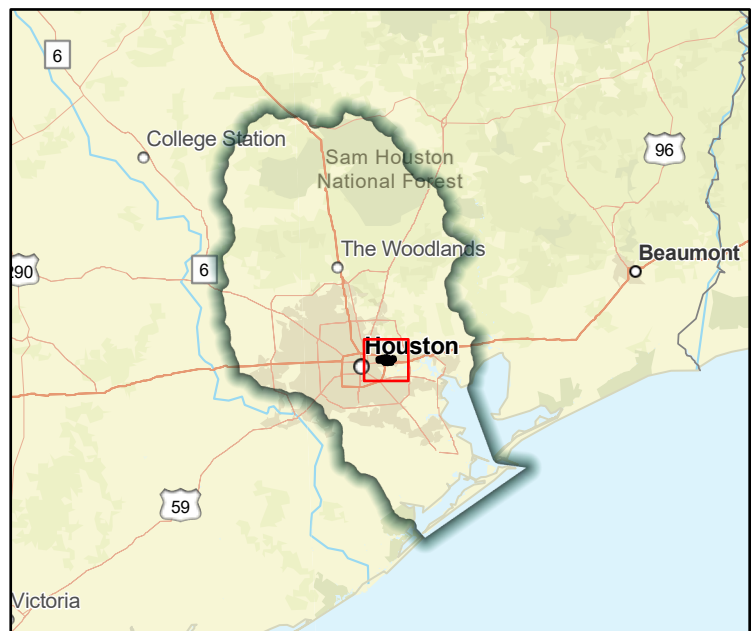
Estimated Cost and Funding Availability

Total Cost **\$30,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title **Hunting Bayou Watershed Study**

ID# **061000182**

Sponsor (name of entity, not person) **Harris County Flood Control District**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Watershed Planning**

Study description **Watershed wide study using latest data, including MAAPnext models and Atlas 14 rainfall. Study to identify flooding issues within watershed, identify projects to reduce flooding, and provide cost estimates and benefit and cost metrics for each project**

New Hydrologic or Hydraulic model? **-**

Emergency Need? **-**

Existing/Anticipated models in near term? **-**

County **Harris**

Watershed HUC# (if known) **120401040703,120401040604,120401040606,120401040304,120401040**

Drainage area (Square miles, est.) **31**

Goal(s) **06000001,06000010,06000015**

100-Year Flood Risk Summary

Population at risk **34,523**

of structures **6,244**

Critical facilities **98**

Flood risk type: Riverine? **Yes**

Coastal? **Yes**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **21**

Roadway(s) impacted (length) **102**

Number of low water crossings **6**

Historical road closures **6**

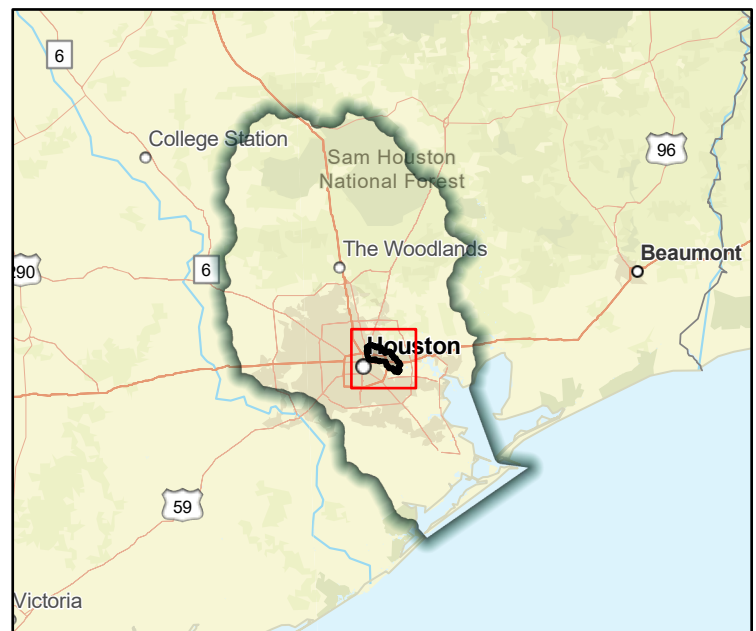
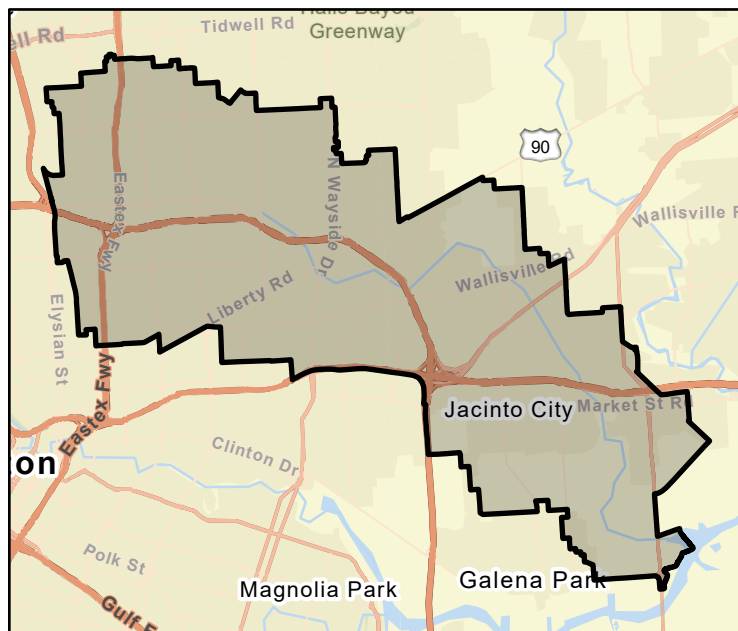
Estimated Cost and Funding Availability

Total Cost **\$800,000**

Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title **I100-WP01 Vince Bayou Watershed Planning Project Recommendation**

ID# **061000326**

Sponsor (name of entity, not person) **Harris County Flood Control District**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study 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.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Harris** Watershed HUC# (if known) **120401040703,120402040100**

Drainage area (Square miles, est.) **2** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **3,202** # of structures **766** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **Yes** Local? **No** Playa? **No** Other? **No**

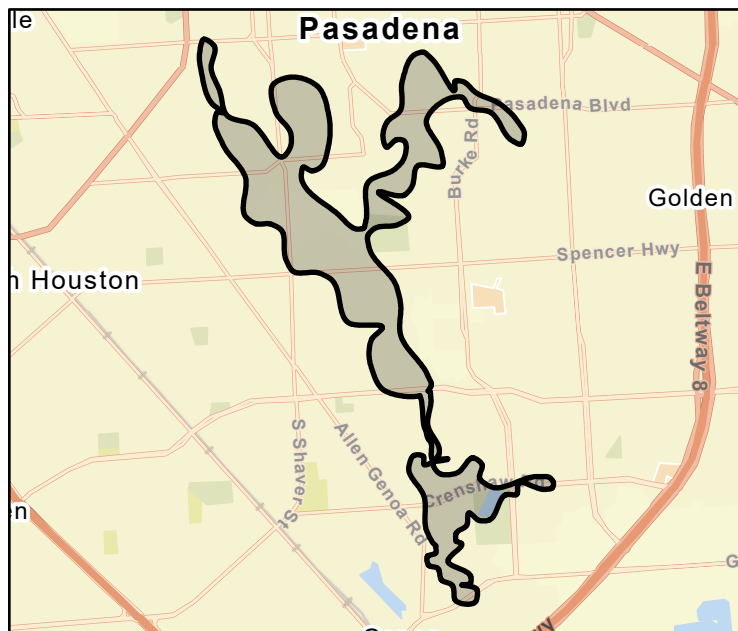
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **8**

Number of low water crossings **0** Historical road closures **0**

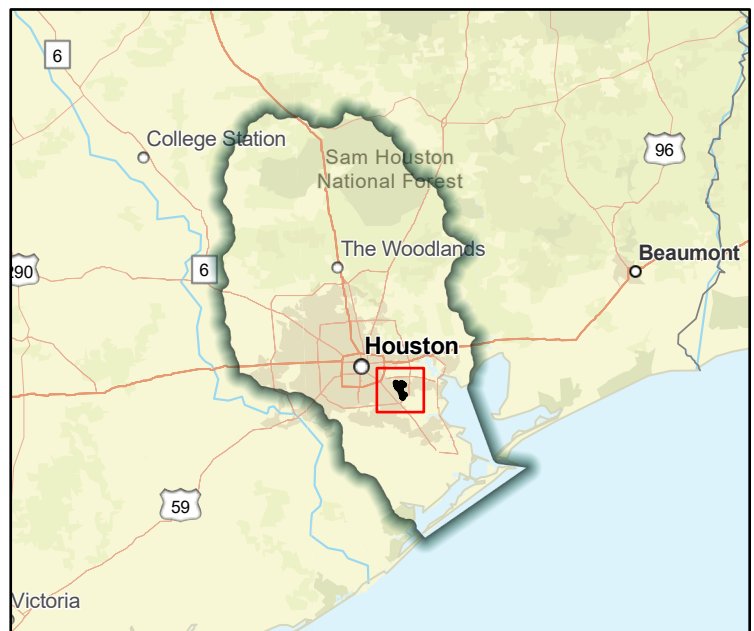
Estimated Cost and Funding Availability

Total Cost **\$30,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **Harris County, Harris County Flood Control District, City of Pasadena CIP**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title I100-WP06 for Vince Bayou Watershed Planning Project

ID# 061000329

Sponsor (name of entity, not person) Harris (County)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study 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 schannel widening near Strawberry Road and Young Street

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Harris Watershed HUC# (if known) 120401040703,120401040502,120402040100

Drainage area (Square miles, est.) 4 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 4,153 # of structures 948 Critical facilities 8

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No

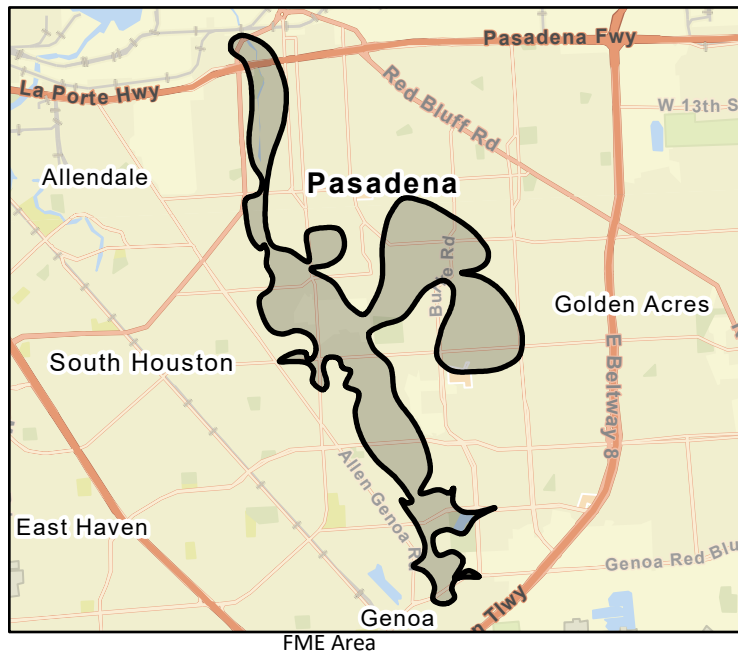
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 14

Number of low water crossings 1 Historical road closures 1

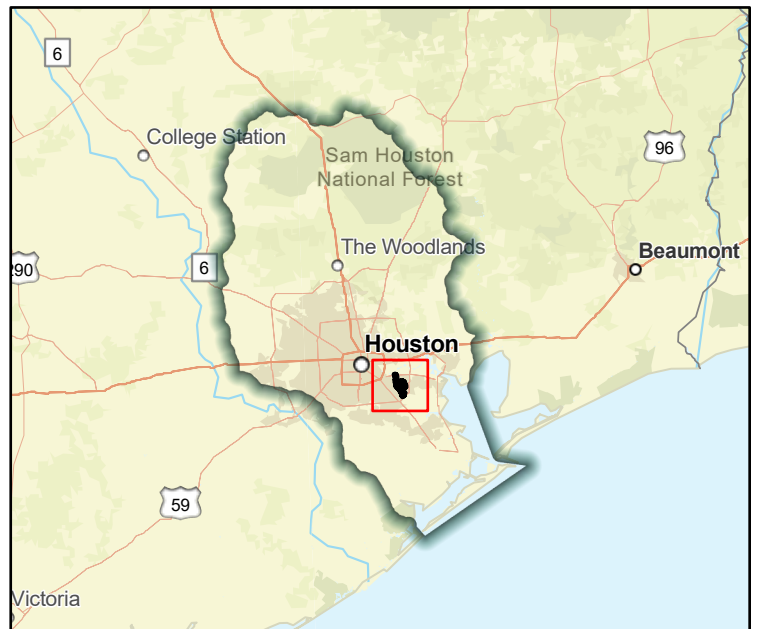
Estimated Cost and Funding Availability

Total Cost \$30,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title I100-WP07 for Vince Bayou Watershed Planning Project

ID# 061000331

Sponsor (name of entity, not person) Harris (County)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study 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.

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Harris Watershed HUC# (if known) 120401040703,120401040502,120402040100

Drainage area (Square miles, est.) 4 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 4,153 # of structures 948 Critical facilities 8

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No

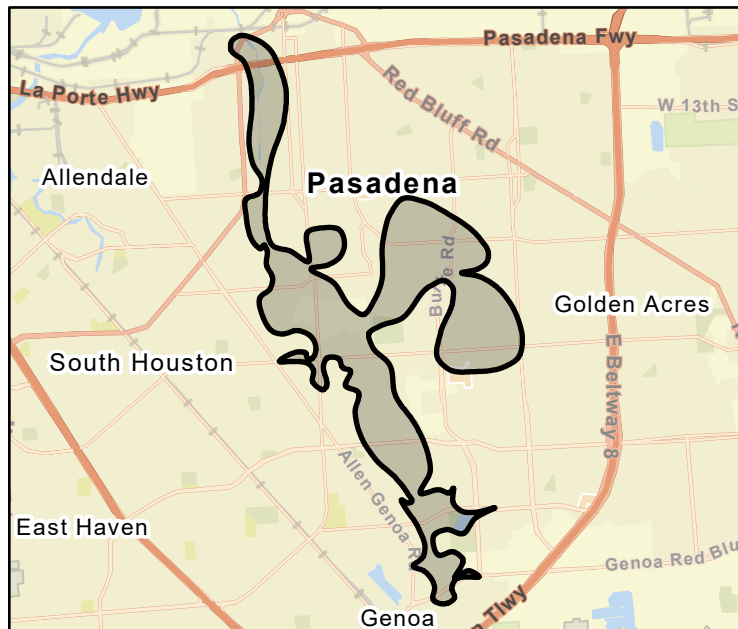
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 14

Number of low water crossings 1 Historical road closures 1

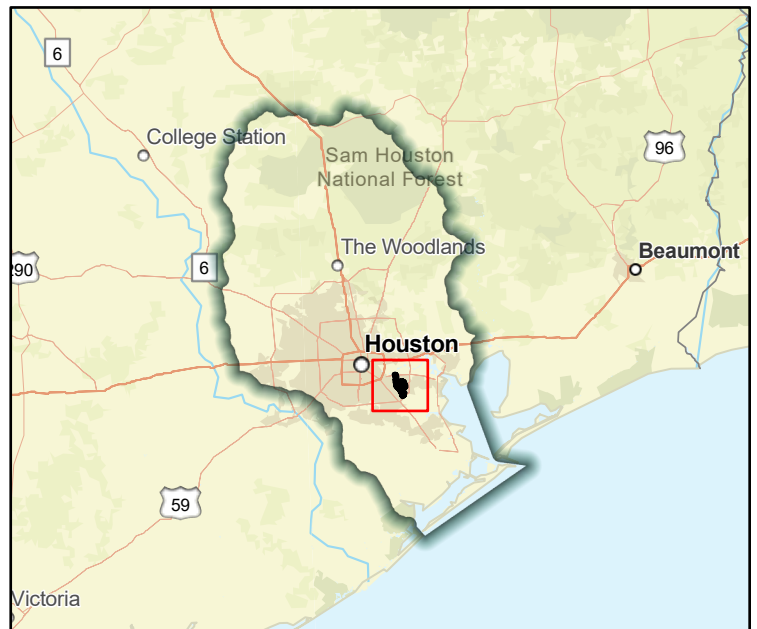
Estimated Cost and Funding Availability

Total Cost \$30,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title I100-WP10 for Vince Bayou Watershed Planning Project

ID# 061000330

Sponsor (name of entity, not person) Harris (County)

RFPG recommend? -

Reason for Recommendation -



Study Details

Study type Project Planning

Study 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.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Harris

Watershed HUC# (if known) 120401040703,120401040502,120402040100

Drainage area (Square miles, est.) 4

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 4,153

of structures 948

Critical facilities 8

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 2

Roadway(s) impacted (length) 14

Number of low water crossings 1

Historical road closures 1

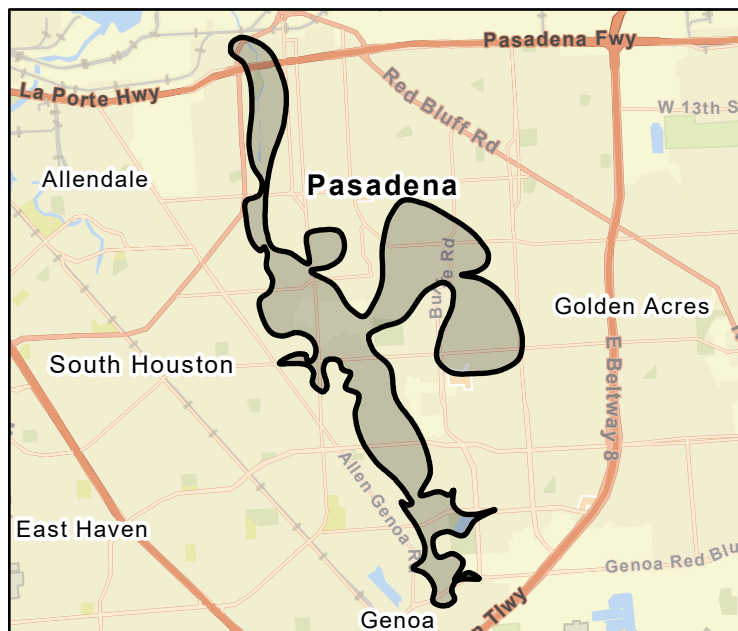
Estimated Cost and Funding Availability

Total Cost \$30,000

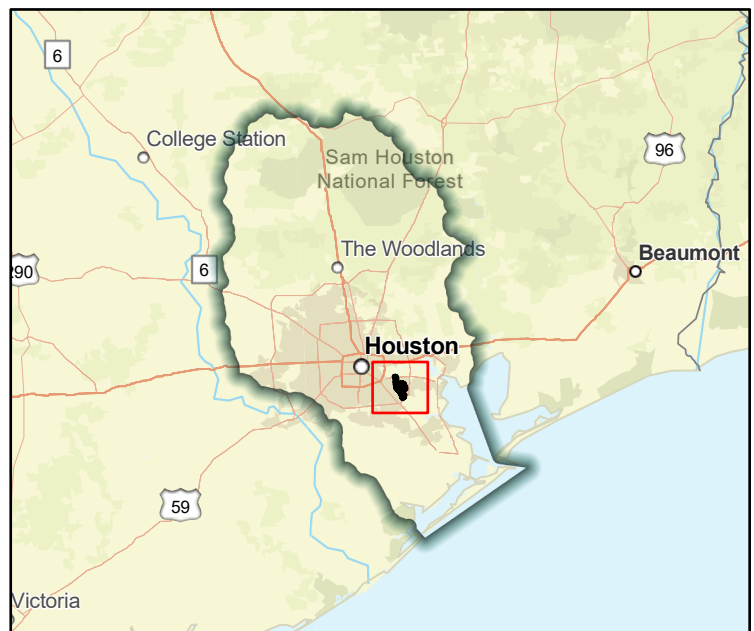
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title I100-WP11 for Vince Bayou Watershed Planning Project

ID# 061000332

Sponsor (name of entity, not person) Harris (County)

RFPG recommend? -

Reason for Recommendation -



Study Details

Study type Project Planning

Study 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

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Harris

Watershed HUC# (if known) 120401040703,120401040502,120402040100

Drainage area (Square miles, est.) 4

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 4,153

of structures 948

Critical facilities 8

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 2

Roadway(s) impacted (length) 14

Number of low water crossings 1

Historical road closures

1

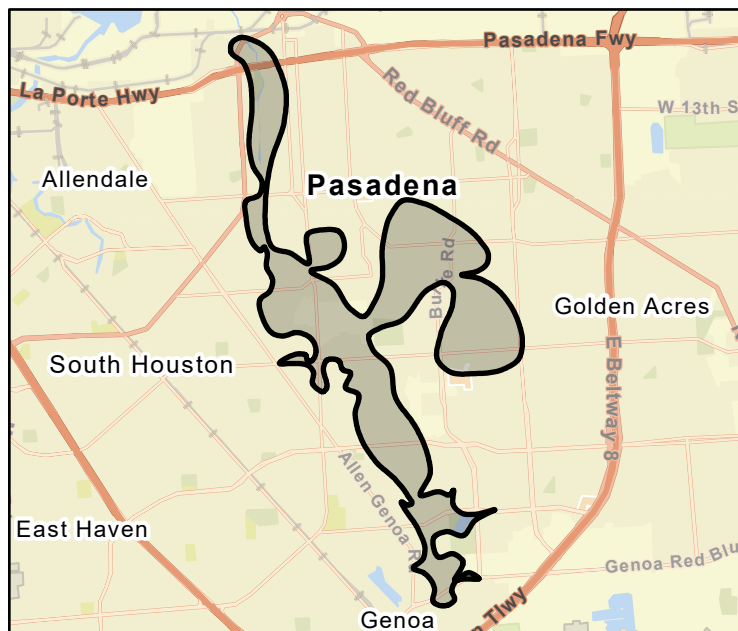
Estimated Cost and Funding Availability

Total Cost \$30,000

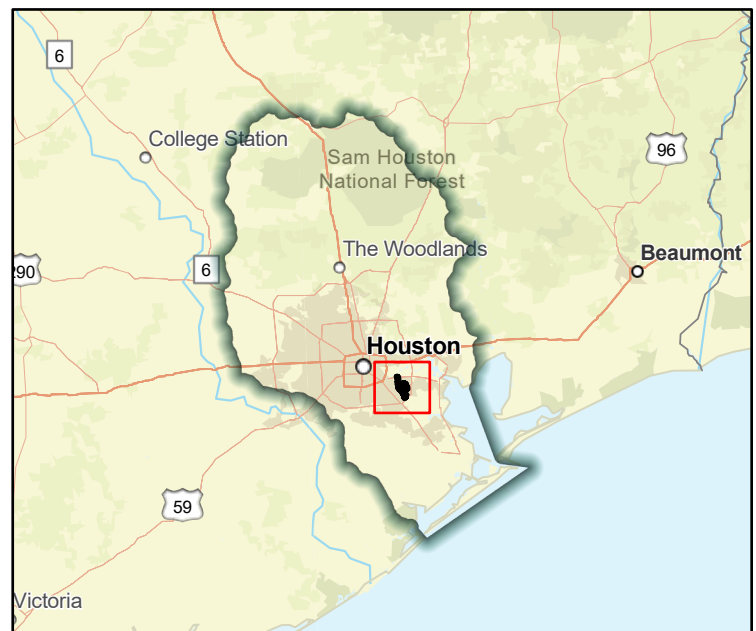
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Implement Drainage Improvements in City of La Marque**

ID# **061000147**

Sponsor (name of entity, not person) **La Marque (Municipality)**

RFPG recommend? **-** Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Implement drainage projects that support low maintenance and cleaning of drainage ditches.**

New Hydrologic or Hydraulic model? **-** Emergency Need? **-** Existing/Anticipated models in near term? **-**

County **Galveston** Watershed HUC# (if known) **120402040200**

Drainage area (Square miles, est.) **14** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **1,612** # of structures **829** Critical facilities **8**

Flood risk type: Riverine? **Yes** Coastal? **Yes** Local? **No** Playa? **No** Other? **No**

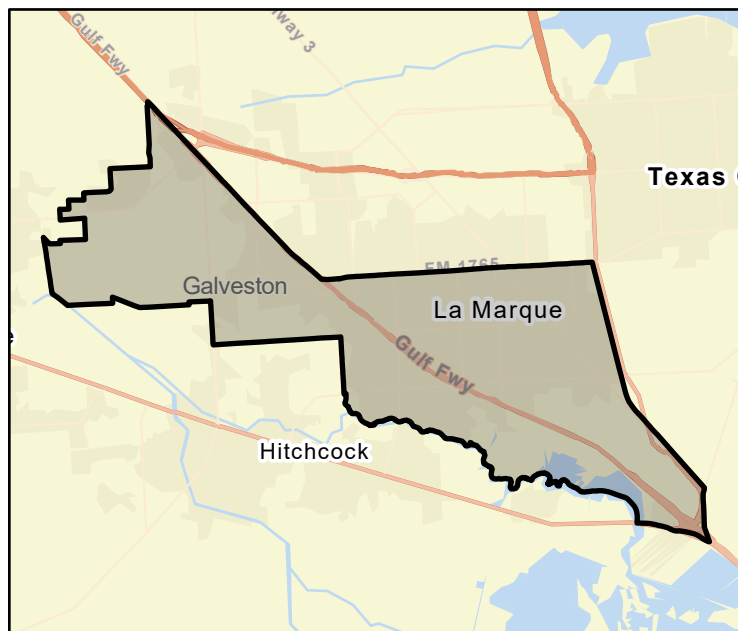
Farm/Ranch land impacted (acres) **38** Roadway(s) impacted (length) **31**

Number of low water crossings **1** Historical road closures **1**

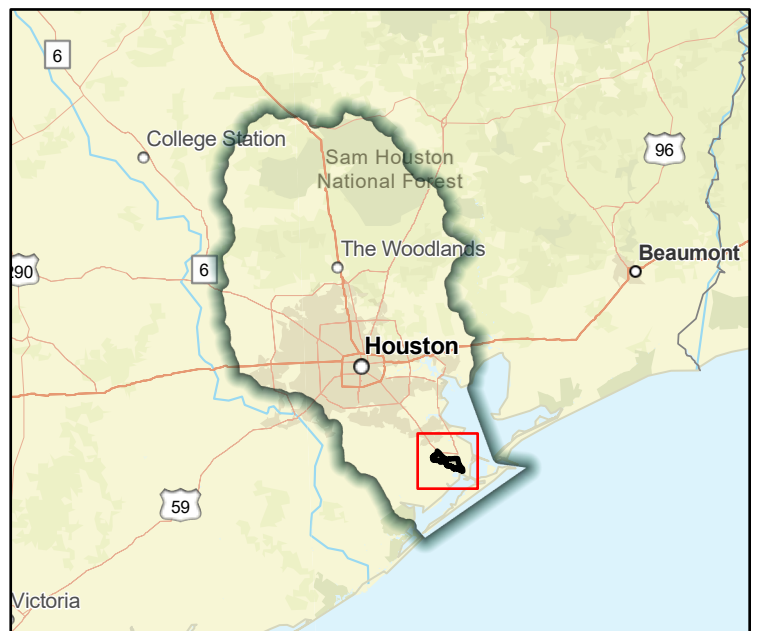
Estimated Cost and Funding Availability

Total Cost **\$300,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



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

ID# 061000131

Sponsor (name of entity, not person) Kemah (Municipality)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Watershed Planning

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

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Galveston,Chambers Watershed HUC# (if known) 120402040200,120402040100

Drainage area (Square miles, est.) 2 Goal(s) 06000001,06000010,06000015

100-Year Flood Risk Summary

Population at risk 3,492 # of structures 562 Critical facilities 7

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No

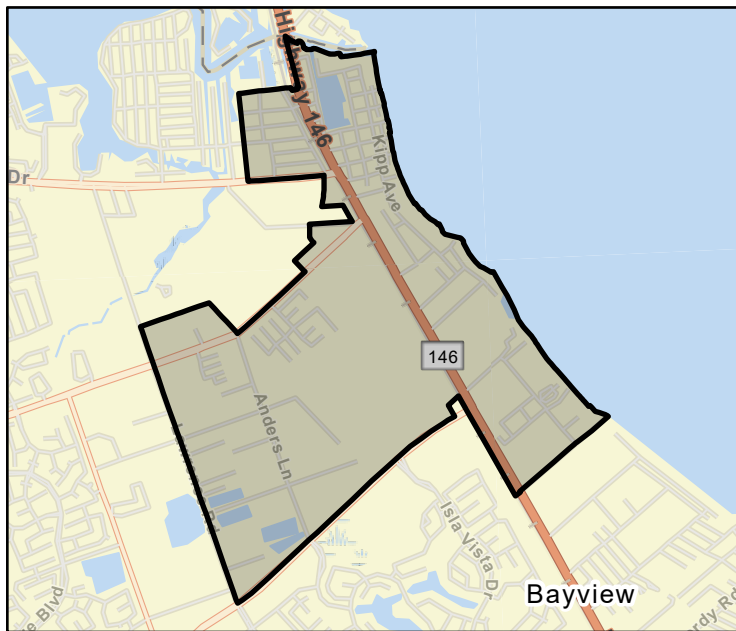
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 12

Number of low water crossings - Historical road closures -

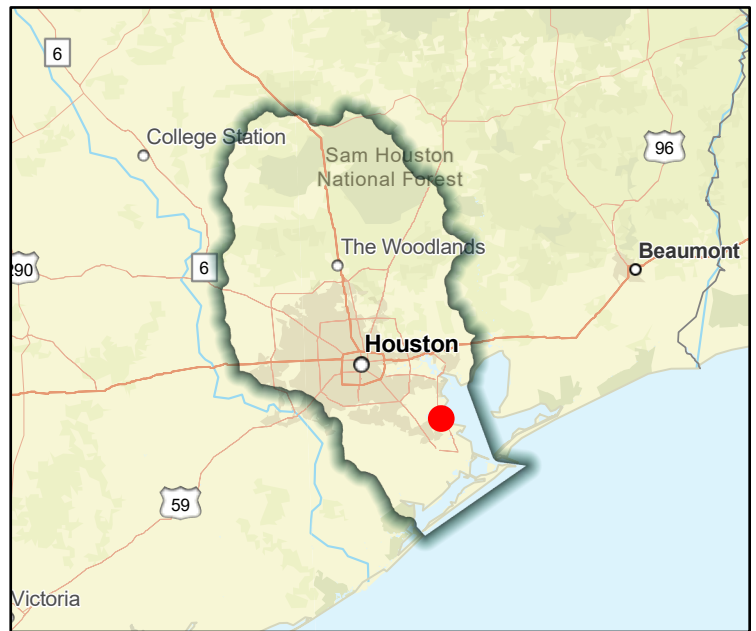
Estimated Cost and Funding Availability

Total Cost \$80,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Jackson Bayou Watershed Planning Project- Immediate: First Street Crossing Mitigation

ID# 061000322

Sponsor (name of entity, not person) Harris County Flood Control District

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study 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 of 32.4 acre-feet of detention.

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Harris Watershed HUC# (if known) 120401040704

Drainage area (Square miles, est.) 1 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 598 # of structures 111 Critical facilities 8

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

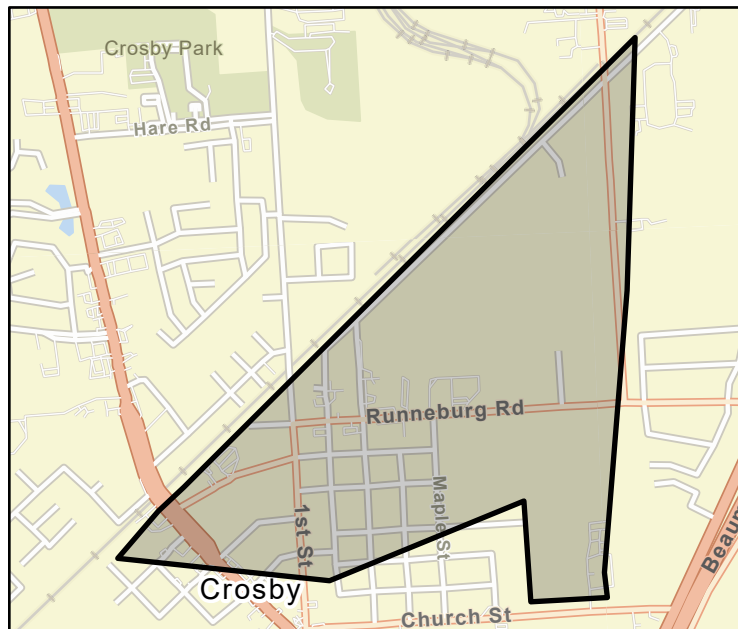
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 1

Number of low water crossings 0 Historical road closures 0

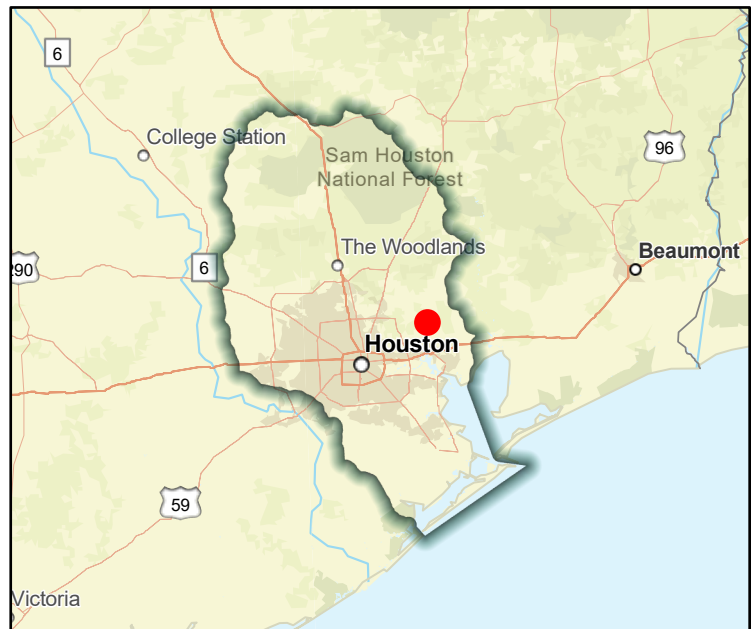
Estimated Cost and Funding Availability

Total Cost \$30,000 Amount of Available Funding - Federal funding availability -

Funding source Harris County Precinct 2, Harris County Engineering Department-Recovery and



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title **Jamica Cove Rd. Survey**

ID# **061000145**

Sponsor (name of entity, not person) **Jamaica Beach (Municipality)**

RFPG recommend? **-**

Reason for Recommendation **-**

Study Details

Study type **Project Planning**

Study description **Engineering assessment needed to determine if elevating the road would reduce future flooding impacts.**

New Hydrologic or Hydraulic model? **-**

Emergency Need? **-**

Existing/Anticipated models in near term? **-**

County **Galveston**

Watershed HUC# (if known) **120402040300**

Drainage area (Square miles, est.) **1**

Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **395**

of structures **1,276**

Critical facilities **4**

Flood risk type: Riverine? **Yes**

Coastal? **Yes**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **3**

Roadway(s) impacted (length) **14**

Number of low water crossings **-**

Historical road closures **-**

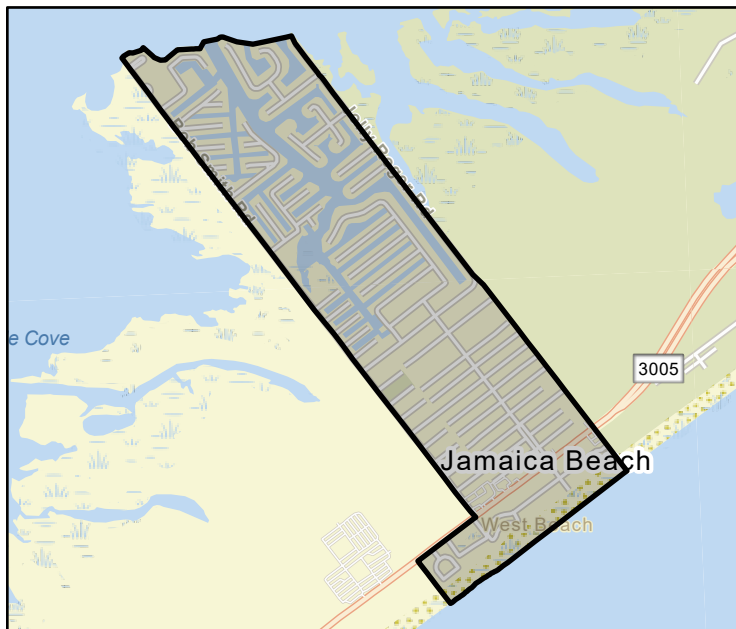
Estimated Cost and Funding Availability

Total Cost **\$50,000**

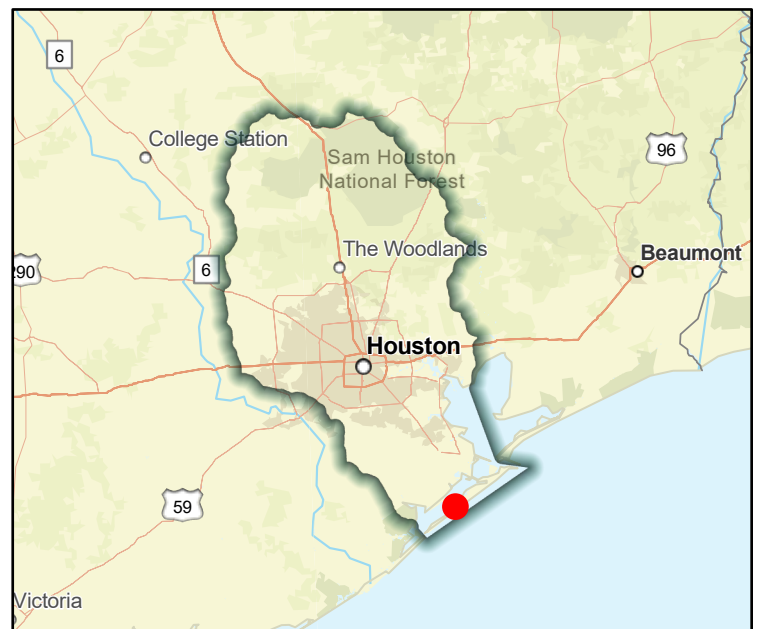
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Lake Shadows Subdivision Drainage Improvements

ID# 061000027

Sponsor (name of entity, not person) Harris (County)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study 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.

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Harris Watershed HUC# (if known) 120401010502,120401040704

Drainage area (Square miles, est.) 1 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 149 # of structures 41 Critical facilities 0

Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No

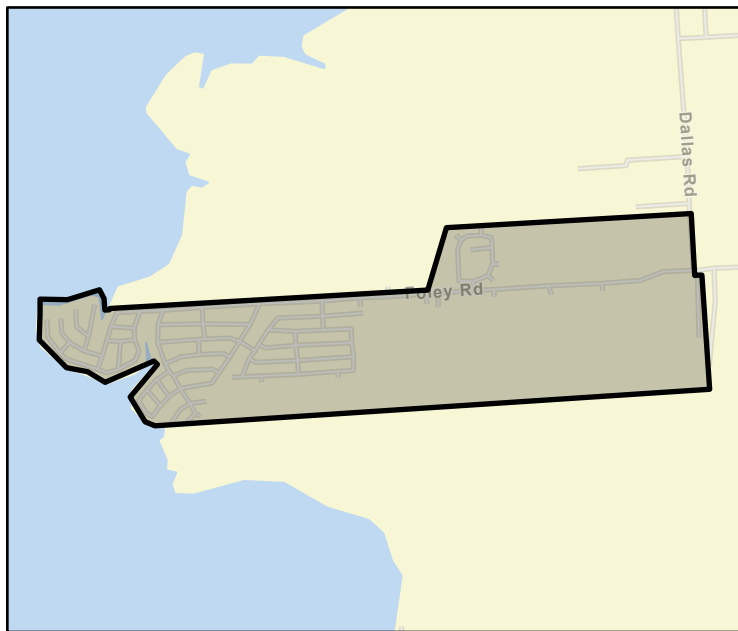
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) -

Number of low water crossings 0 Historical road closures 0

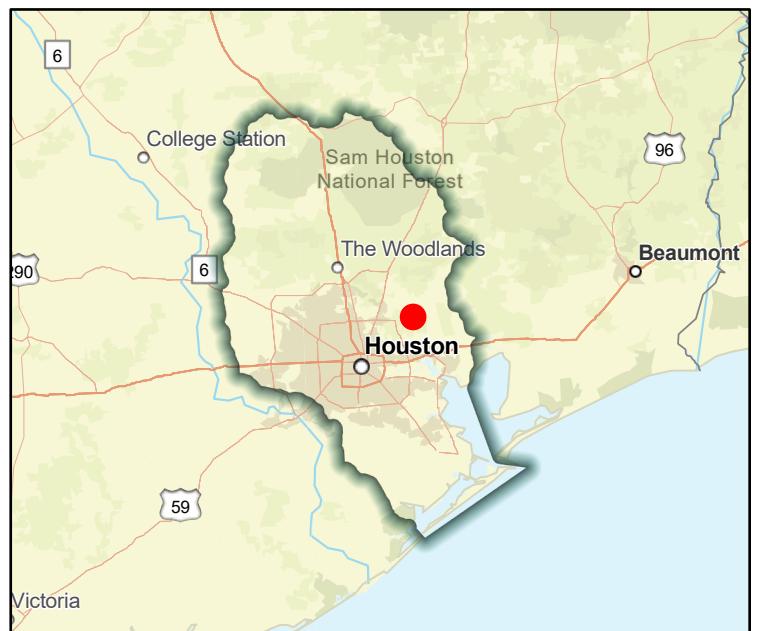
Estimated Cost and Funding Availability

Total Cost \$340,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title League City - Stormwater Drainage Improvement- Interurban & Newport ditch

ID# 061000097

Sponsor (name of entity, not person) League City (Municipality)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study description Further study of proposed slope paving (concrete lining) improvements

New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -

County Galveston,Harris Watershed HUC# (if known) 120402040200,120402040100

Drainage area (Square miles, est.) 53 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 20,978 # of structures 5,251 Critical facilities 25

Flood risk type: Riverine? Yes Coastal? Yes Local? No Playa? No Other? No

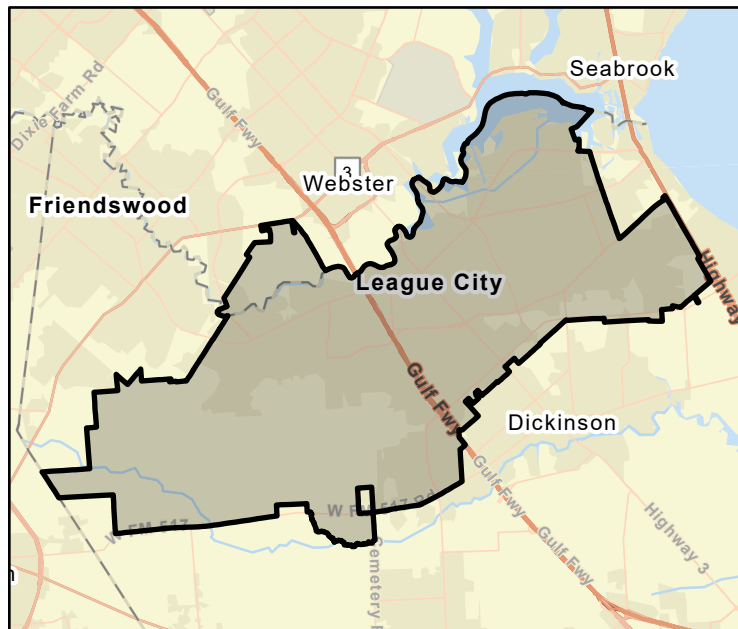
Farm/Ranch land impacted (acres) 1,308 Roadway(s) impacted (length) 105

Number of low water crossings 2 Historical road closures 2

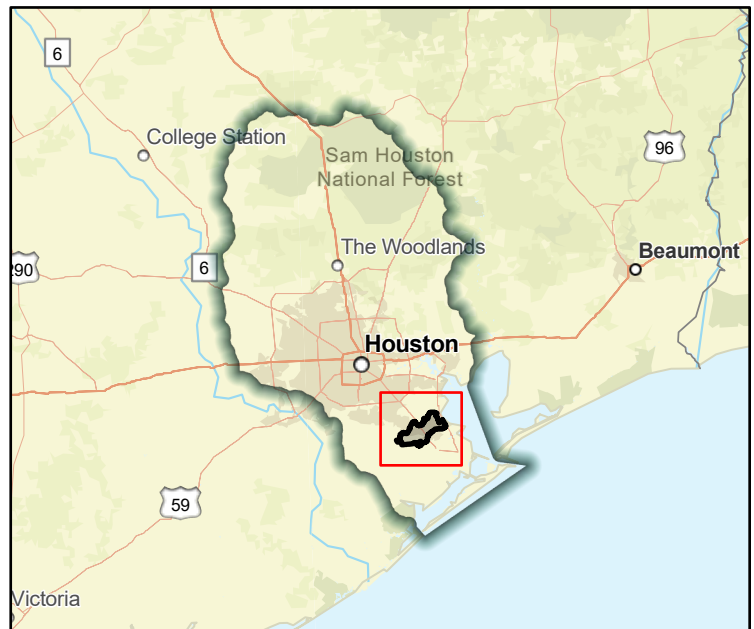
Estimated Cost and Funding Availability

Total Cost \$100,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area