

Flood Management Evaluation (FME)



Title 37th Street, Galveston, Drainage Project

ID# 061000311

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

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study description Further study and FMP development of existing storm sewer system replacement and upgrades using the city's updated drainage criteria that now require a 25-year storm drainage capacity.

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

County Brazoria, Galveston Watershed HUC# (if known) 120402040200

Drainage area (Square miles, est.) 253 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 150,807 # of structures 40,153 Critical facilities 648

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

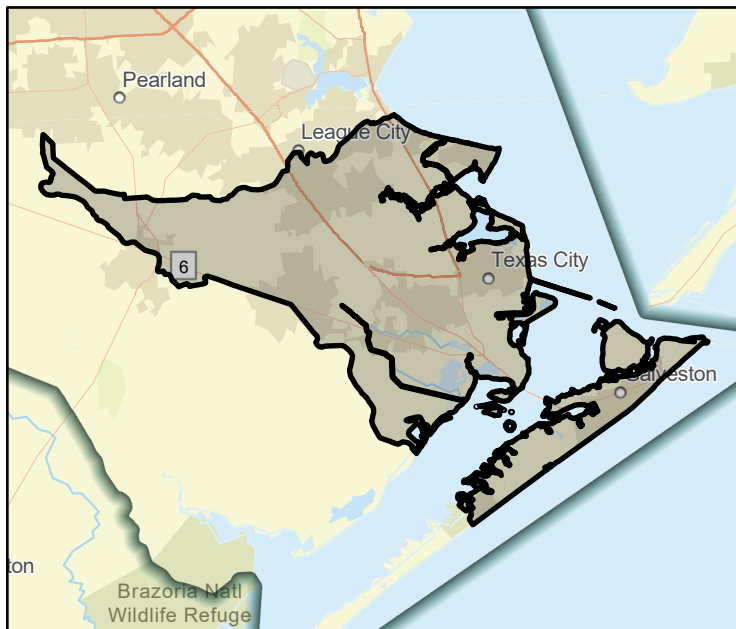
Farm/Ranch land impacted (acres) 2,683 Roadway(s) impacted (length) 723

Number of low water crossings 26 Historical road closures 26

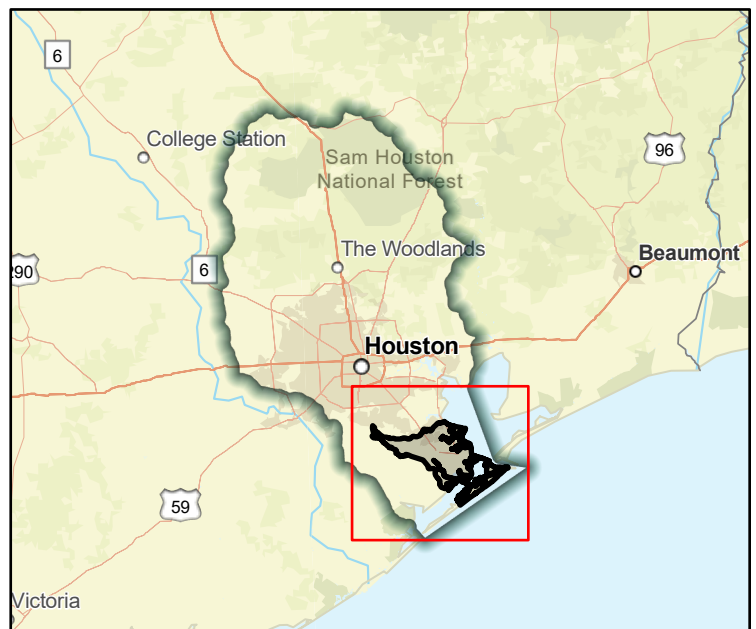
Estimated Cost and Funding Availability

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

Funding source CDBG-MIT



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Addicks Reservoir - Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek

ID# 061000312

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. This project is part of the South Mayde Creek Plan that could reduce the risk of flooding for more than 70 homes and reduce the rainfall event by more than 340 acres in a pre-Atlas 1% rainfall event.

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

County Harris Watershed HUC# (if known) 120401040102,120401040202,120401040104,120401040203,120401040

Drainage area (Square miles, est.) 16 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 3,061 # of structures 692 Critical facilities 12

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

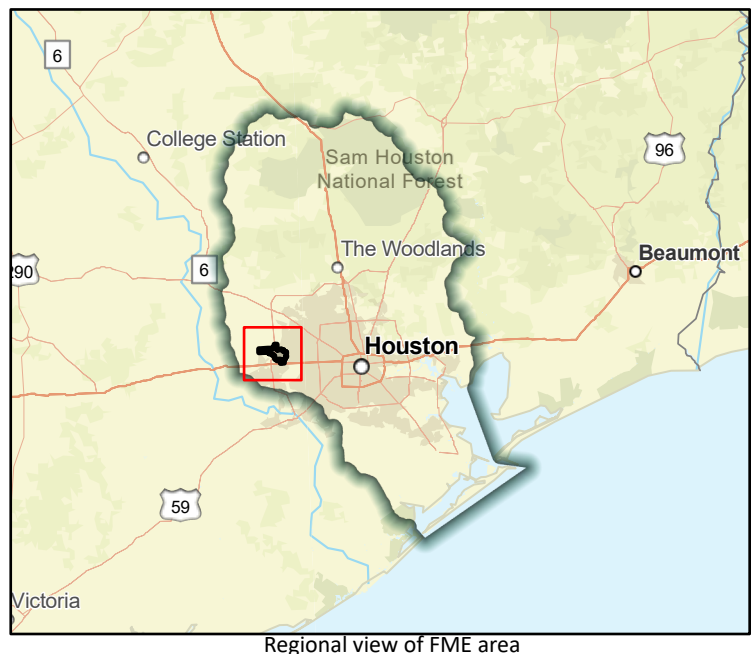
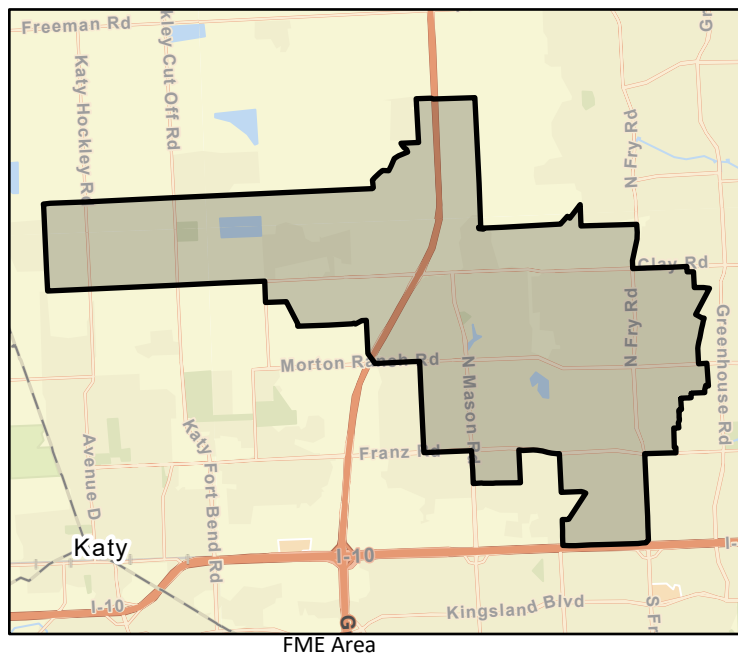
Farm/Ranch land impacted (acres) 27 Roadway(s) impacted (length) 12

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 -



Flood Management Evaluation (FME)

Title Addicks Reservoir - Design and Construction of a Bridge Replacement for Greenhouse Road at South Mayde Creek

ID# 061000441

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. This project is part of the South Mayde Creek Plan that could reduce the risk of flooding for more than 70 homes and reduce the rainfall event by more than 340 acres in a pre-Atlas 1% rainfall event.

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

County Harris Watershed HUC# (if known) 120401040102,120401040202,120401040104,120401040203,120401040

Drainage area (Square miles, est.) 16 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 3,061 # of structures 692 Critical facilities 12

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

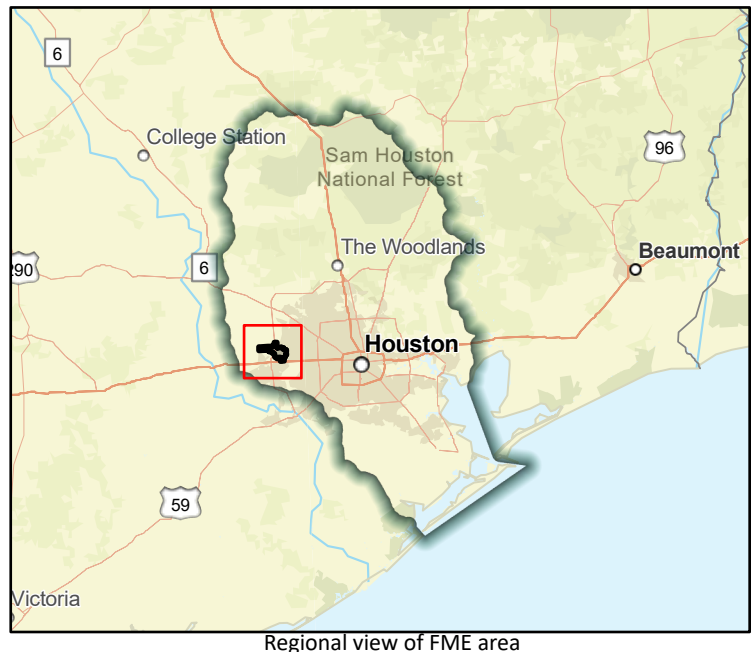
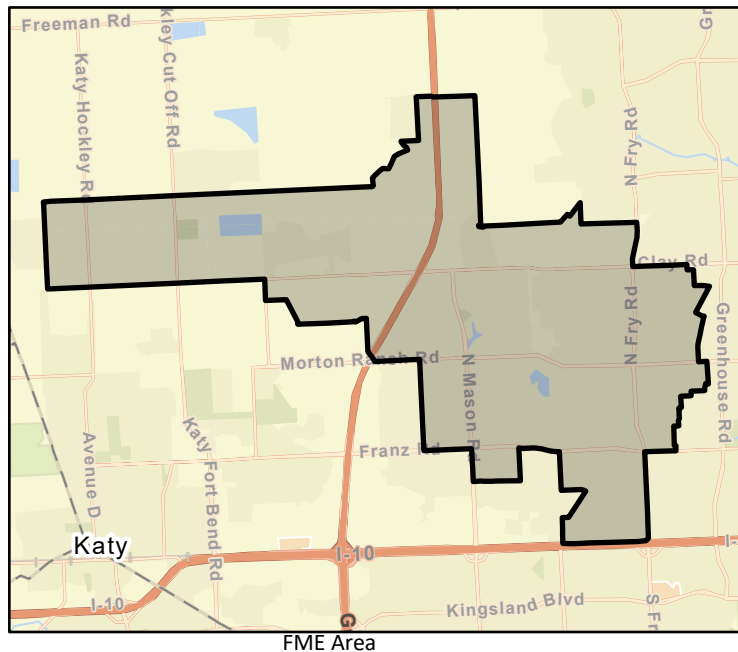
Farm/Ranch land impacted (acres) 27 Roadway(s) impacted (length) 12

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 -



Flood Management Evaluation (FME)



Title Addicks Reservoir - Design and Construction of Dinner Creek Stormwater Detention Basin

ID# 061000313

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. Project would provide additional stormwater detention in support of flood damage reduction and could reduce the risk of flooding for approximately 30 multi-family structures in Addicks Reservoir Watershed.

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

County Harris Watershed HUC# (if known) 120401040102,120401040202,120401040104,120401040203,120401040

Drainage area (Square miles, est.) 16 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 3,061 # of structures 692 Critical facilities 12

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

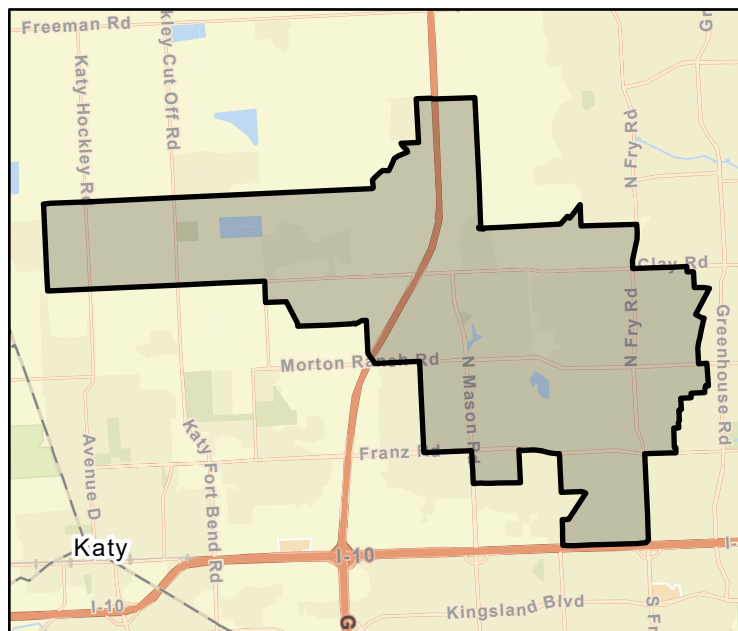
Farm/Ranch land impacted (acres) 27 Roadway(s) impacted (length) 12

Number of low water crossings 0 Historical road closures 0

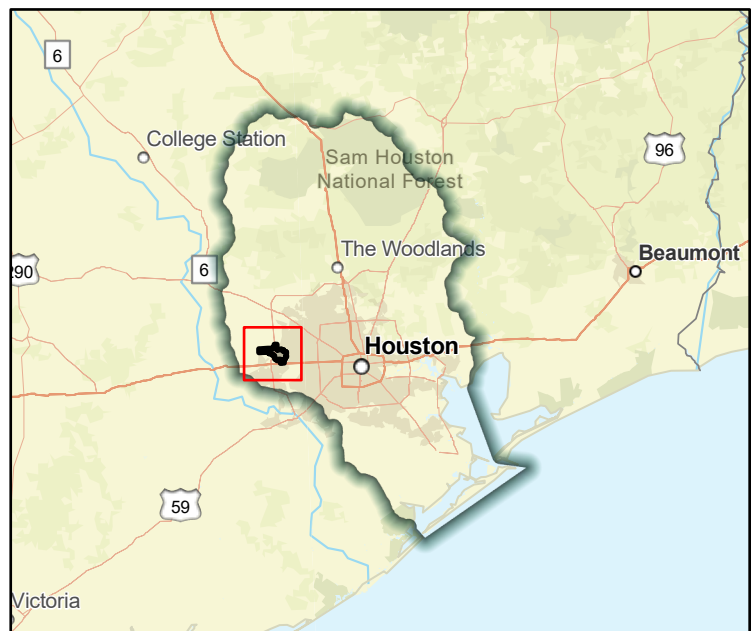
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Addicks Reservoir - Right-Of-Way Acquisition, Design and Construction of Channel Conveyance Improvements, Bypass Channel, and Detention for South Mayde Creek

ID# 061000315

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 BCA needed for this project to become a FMP. This project is part of the South Mayde Creek Plan to reduce flood risk 70+ homes & reduce the rainfall event by 340+ acres in pre-Atlas 1% rainfall event.

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

County Harris Watershed HUC# (if known) 120401040202,120401040104,120401040203,120401040303

Drainage area (Square miles, est.) 13 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 5,217 # of structures 944 Critical facilities 21

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

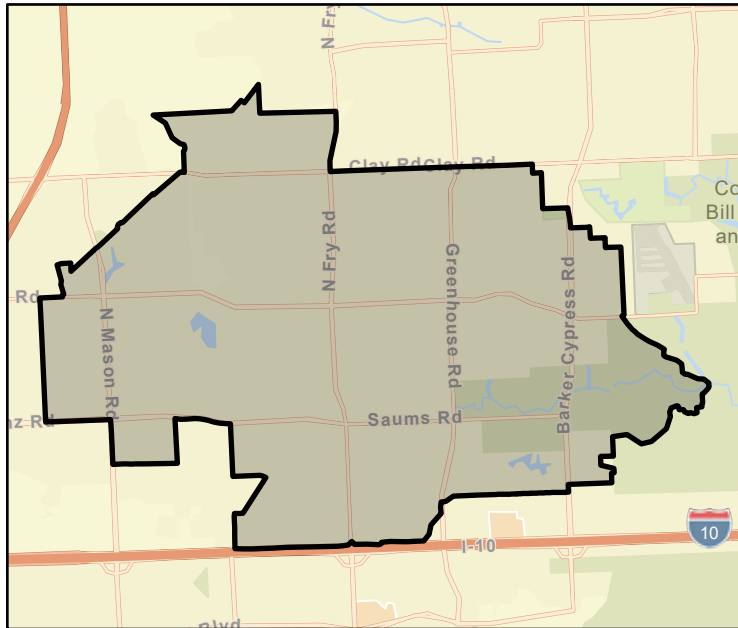
Farm/Ranch land impacted (acres) 19 Roadway(s) impacted (length) 16

Number of low water crossings 0 Historical road closures 0

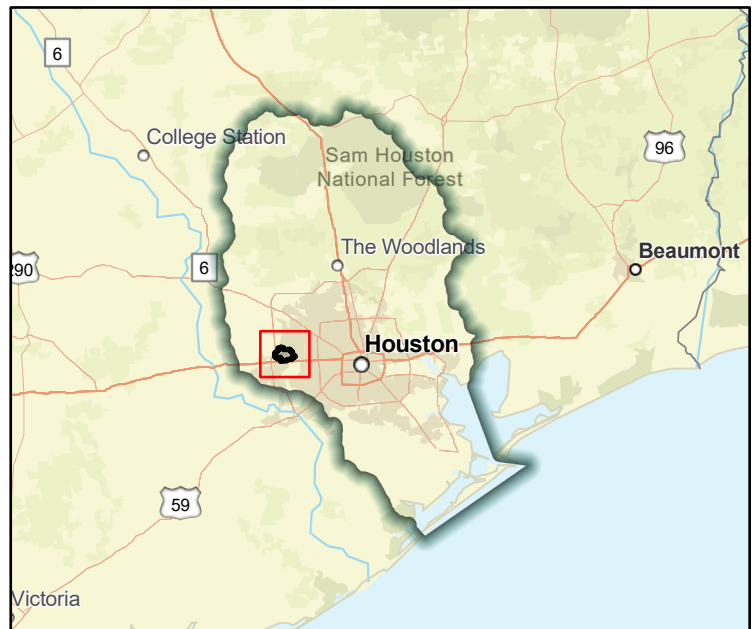
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Addicks Reservoir Watershed Study

ID# 061000177

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,Waller

Watershed HUC# (if known) 120401020103,120401040102,120401040202,120401040104,120401040

Drainage area (Square miles, est.) 138

Goal(s) 06000001,06000010,06000015

100-Year Flood Risk Summary

Population at risk 11,473

of structures 3,746

Critical facilities 53

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? Yes

Other? Yes

Farm/Ranch land impacted (acres) 1,607

Roadway(s) impacted (length) 114

Number of low water crossings 0

Historical road closures

0

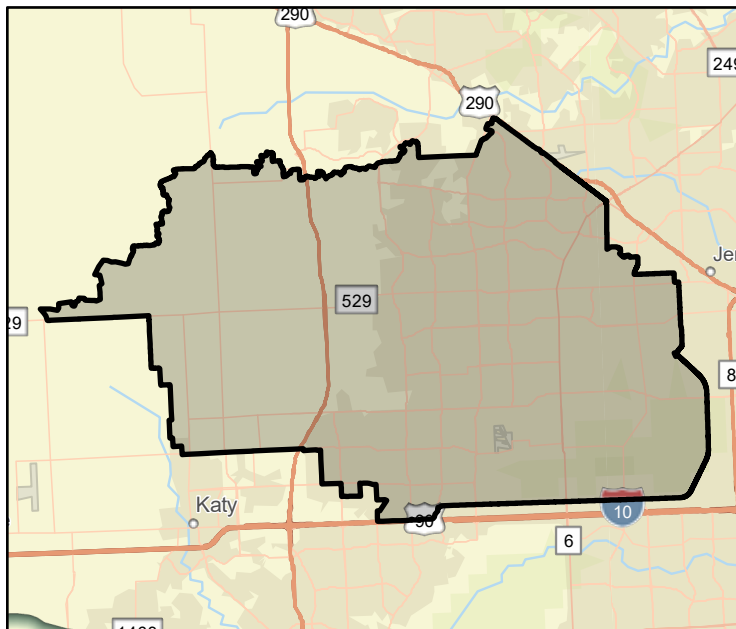
Estimated Cost and Funding Availability

Total Cost \$1,000,000

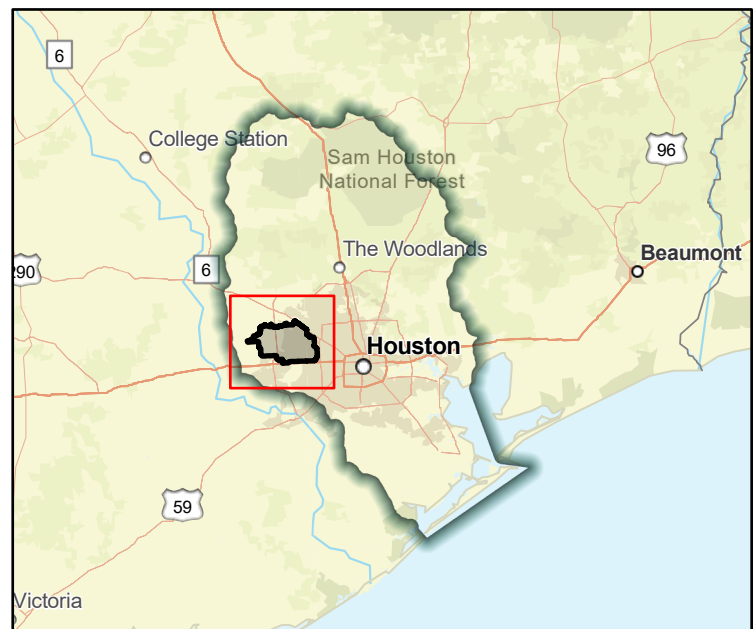
Amount of Available Funding -

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 Annalea/Whitehall Kings Park Drainage - Drainage Improvements Phase 2

ID# 061000146

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

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study description Further study of proposed drainage improvements to stafford oaks

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.) 21

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 5,467

of structures 1,680

Critical facilities 2

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 18

Roadway(s) impacted (length) 38

Number of low water crossings 5

Historical road closures

5

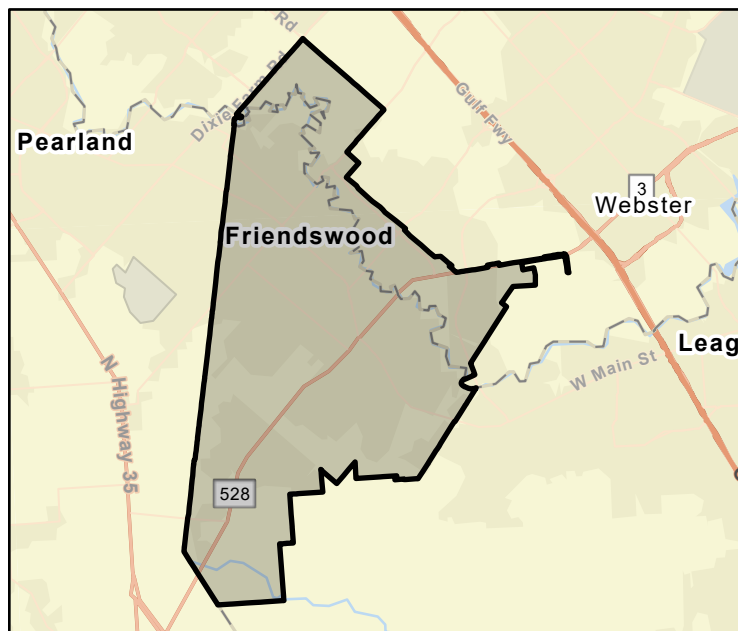
Estimated Cost and Funding Availability

Total Cost \$100,000

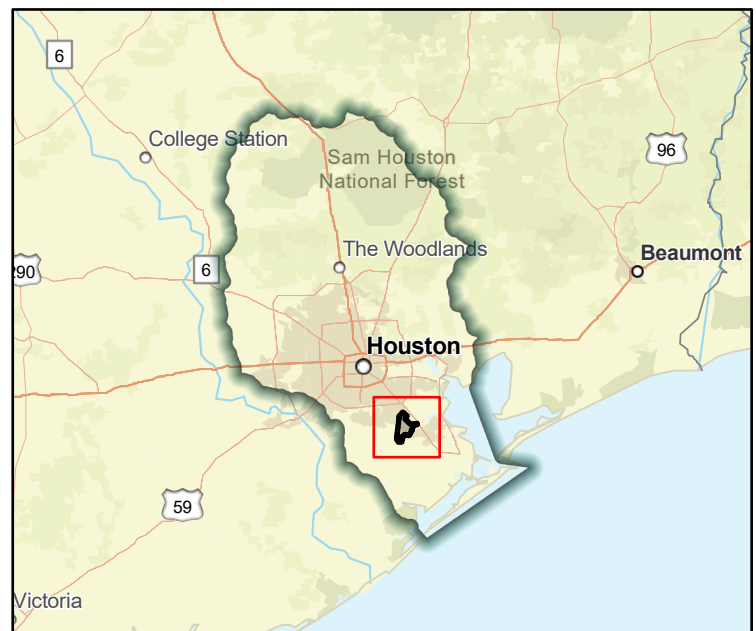
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title April Sound Subdivision Evaluation

ID# 061000214

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

RFPG recommend? - Reason for Recommendation -

Study Details

Study type Project Planning

Study description Detailed analysis to be completed for the entire development using detailed storm sewer modeling

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

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

Drainage area (Square miles, est.) 100 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 14,964 # of structures 3,465 Critical facilities 46

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

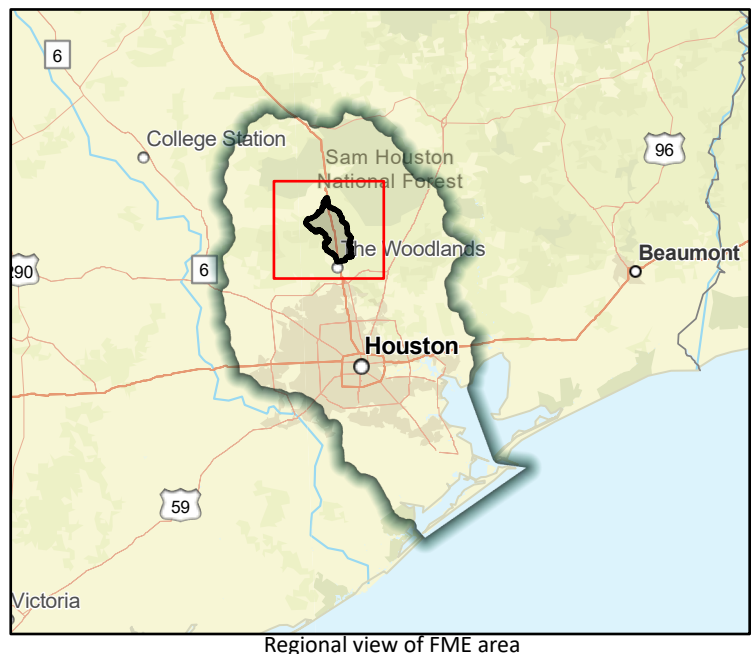
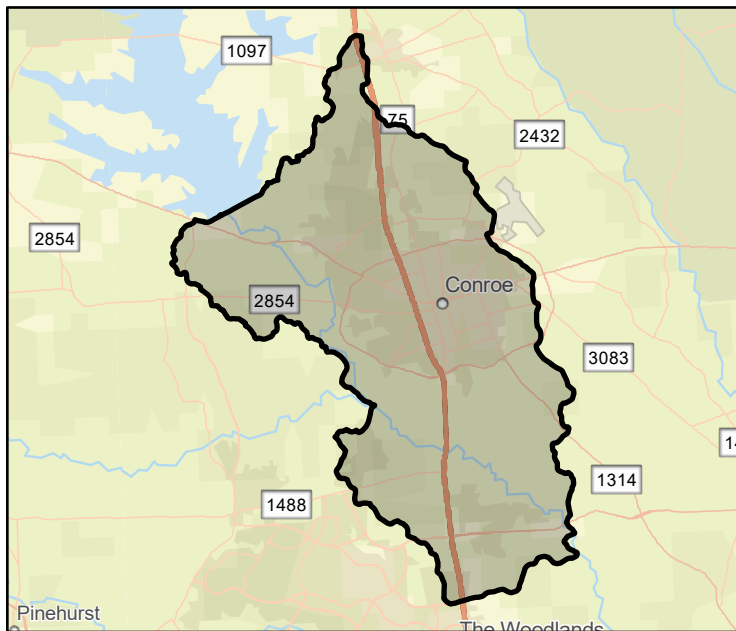
Farm/Ranch land impacted (acres) 98 Roadway(s) impacted (length) 84

Number of low water crossings 18 Historical road closures 18

Estimated Cost and Funding Availability

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

Funding source -



Flood Management Evaluation (FME)



Title Arcadian Gardens Subdivision Drainage Improvements

ID# 061000317

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 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.

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.) 0

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 5

of structures 5

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) -

Roadway(s) impacted (length) 0

Number of low water crossings -

Historical road closures -

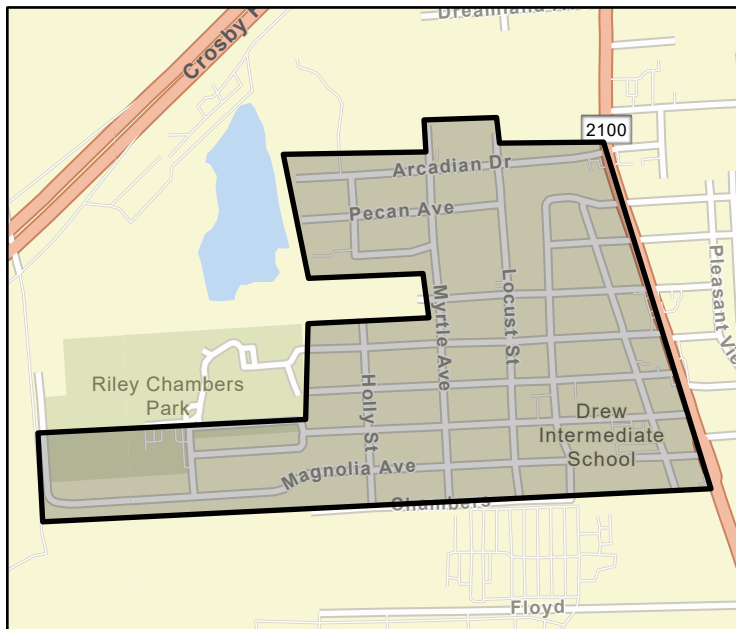
Estimated Cost and Funding Availability

Total Cost \$30,000

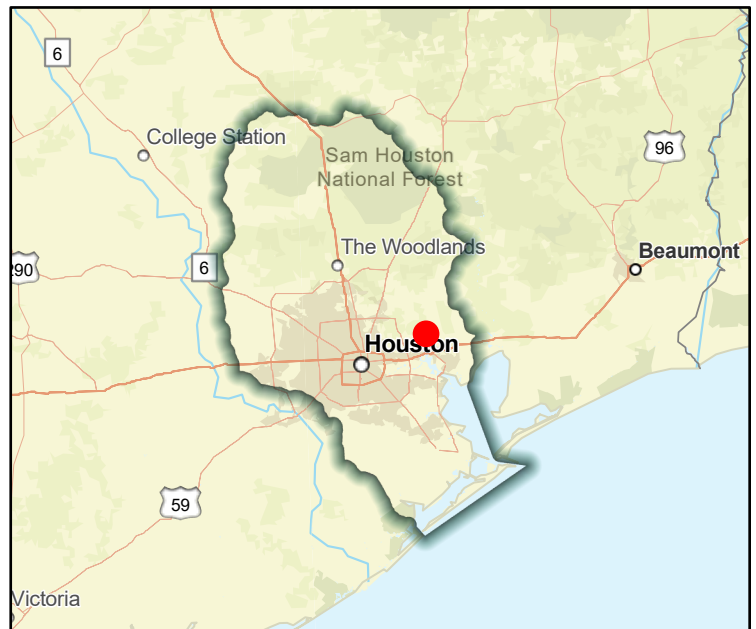
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Armand Bayou - Design and Construction of the B509-03-00 and B509-04-00 Stormwater Detention Basins**

ID# **061000319**

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. Design and Construction of this stormwater detention basin could reduce the risk of flooding for over 400 structures in an Atlas 14 1% rainfall event.**

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

County **Harris** 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 **468** # of structures **63** Critical facilities **0**

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

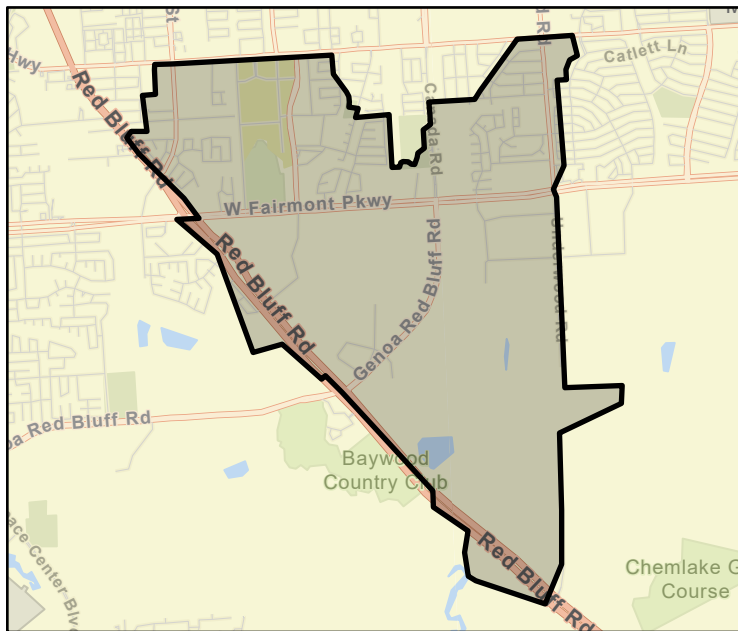
Farm/Ranch land impacted (acres) **6** Roadway(s) impacted (length) **3**

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

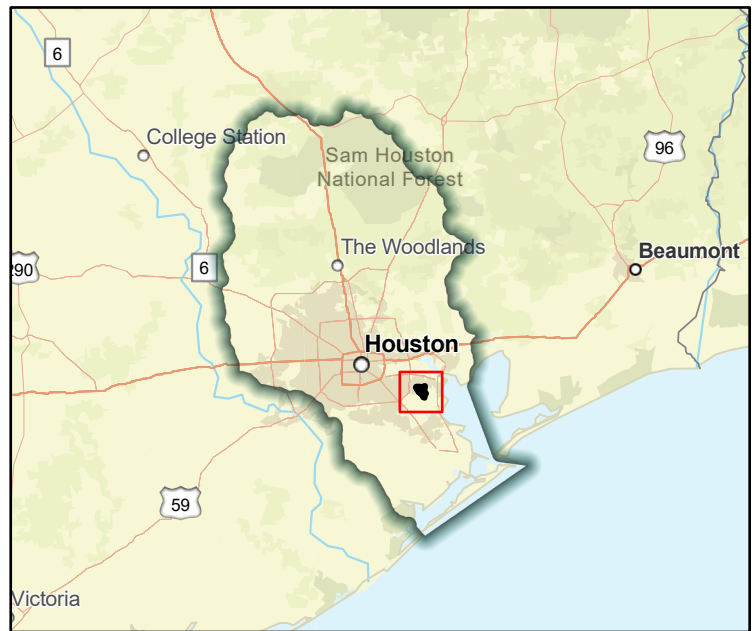
Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Armand Bayou Watershed- Basin Expansion and Extension and H&H Study (Phases 1 + 2)

ID# 061000321

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. Channel modifications along B115-00-00 requires expansion of B500-04-00 and new detention property,

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

County Harris 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 2,154 # of structures 371 Critical facilities 0

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

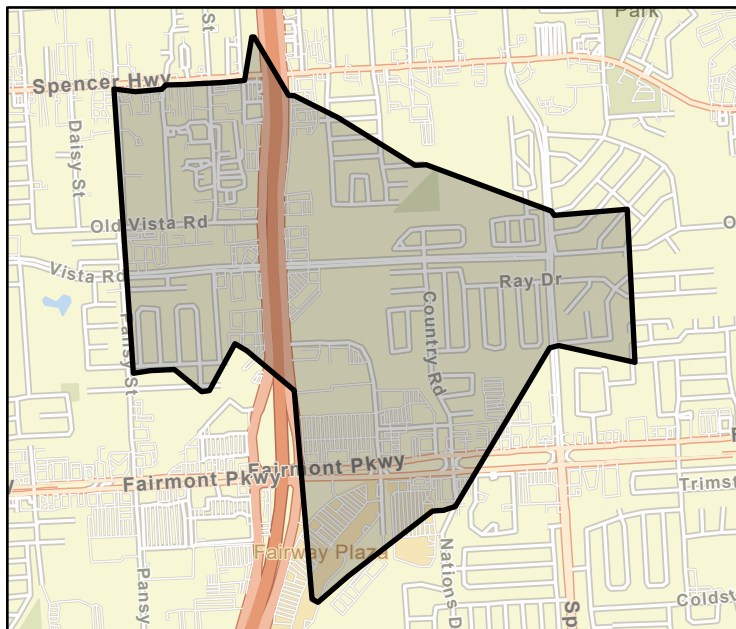
Farm/Ranch land impacted (acres) - Roadway(s) impacted (length) 4

Number of low water crossings 0 Historical road closures 0

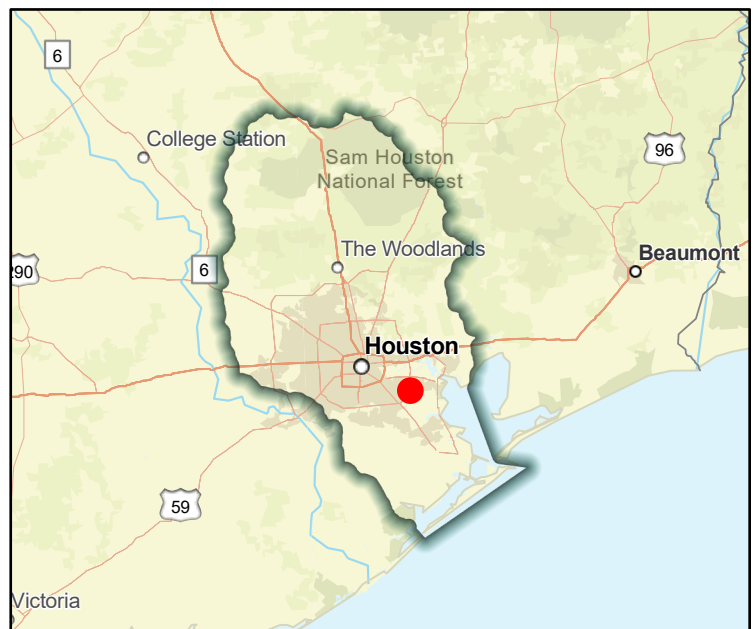
Estimated Cost and Funding Availability

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

Funding source HCFC



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Artesian Forest 1 - Artesian Creek Watershed**

ID# **061000443**

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**

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

100-Year Flood Risk Summary

Population at risk **155,360** # of structures **33,653** Critical facilities **395**

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

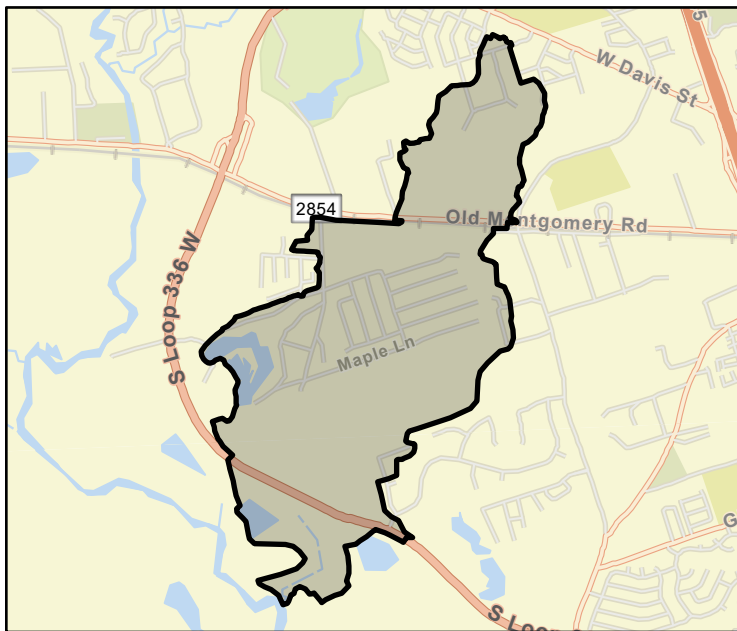
Farm/Ranch land impacted (acres) **597** Roadway(s) impacted (length) **578**

Number of low water crossings **16** Historical road closures **16**

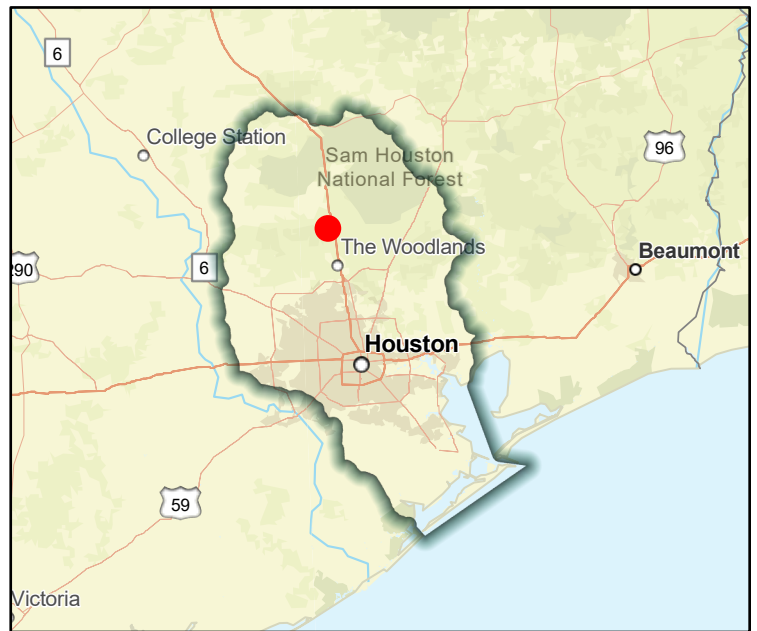
Estimated Cost and Funding Availability

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 Artesian Forest East - Artesian Creek Watershed

ID# 061000444

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

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

100-Year Flood Risk Summary

Population at risk 217 # of structures 80 Critical facilities 0

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

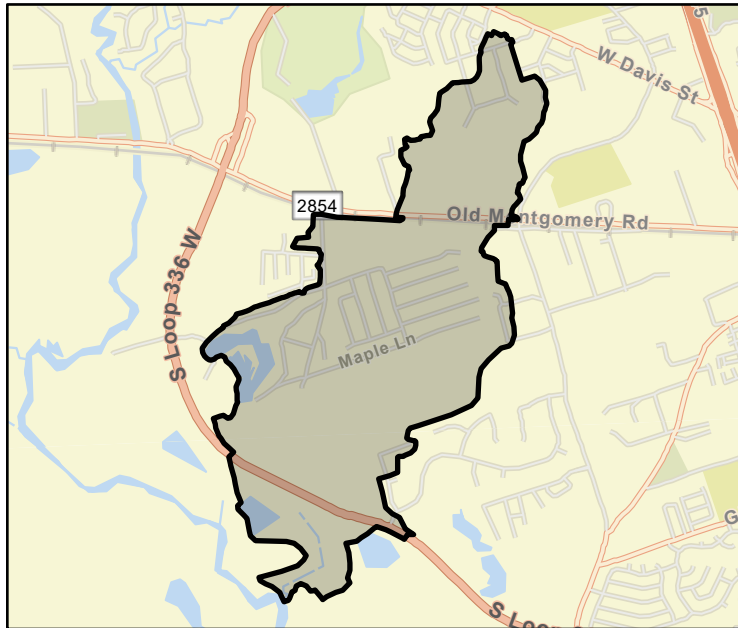
Farm/Ranch land impacted (acres) 2 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures 0

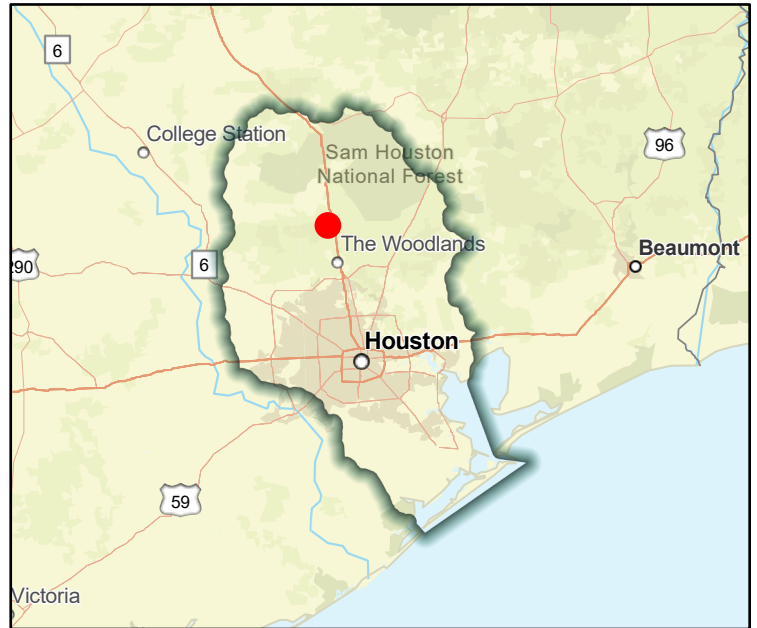
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Avenue M - Stewarts Creek Watershed

ID# 061000457

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) 120401010207,120401010403,120401010401,120401010402,12040101010

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

100-Year Flood Risk Summary

Population at risk 1,873 # of structures 365 Critical facilities 6

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

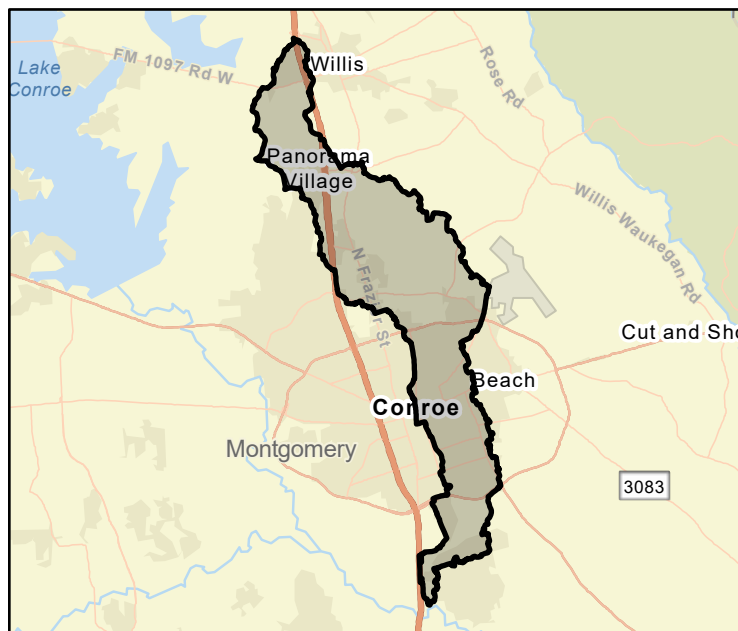
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 7

Number of low water crossings 0 Historical road closures 0

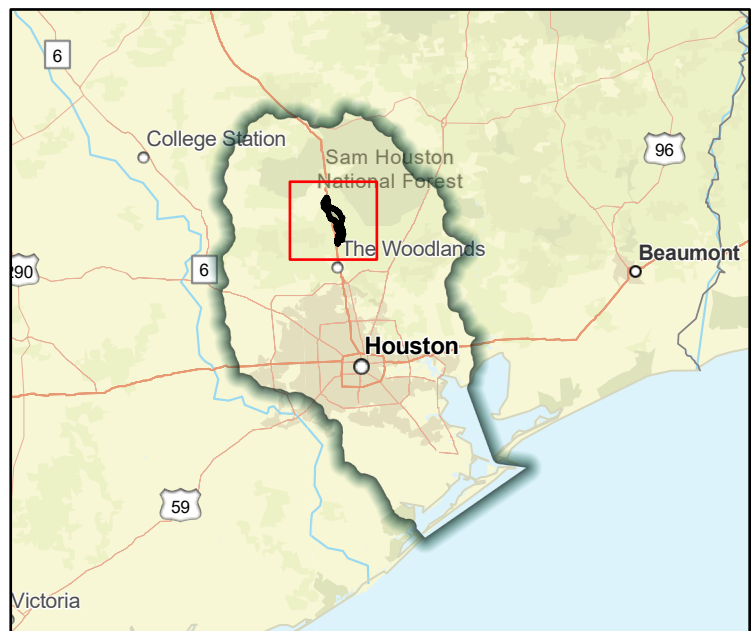
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title B106-WP01 & WP02 for Armand Bayou Watershed

ID# 061000323

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. Conveyance improvements for B106-00-00 channel, including detention/mitigation storage

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

County Harris Watershed HUC# (if known) 120401040706,120402040100

Drainage area (Square miles, est.) 10 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 2,199 # of structures 473 Critical facilities 0

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

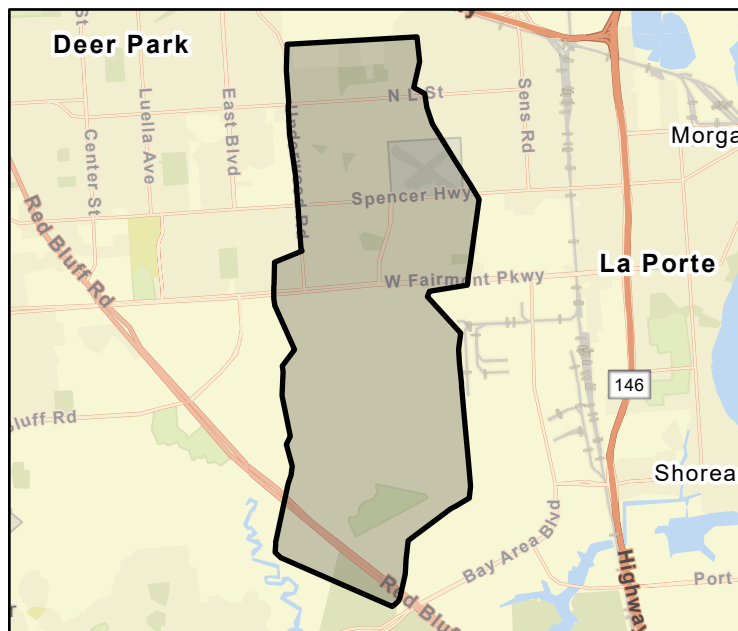
Farm/Ranch land impacted (acres) 21 Roadway(s) impacted (length) 7

Number of low water crossings 0 Historical road closures 0

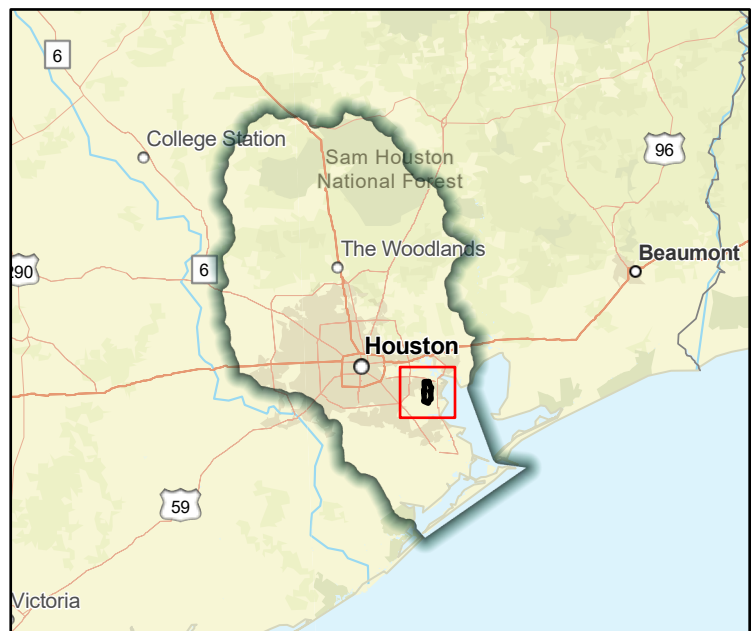
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Baretta - Grand Lake Creek Watershed

ID# 061000454

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) 120401010401

Drainage area (Square miles, est.) 4

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

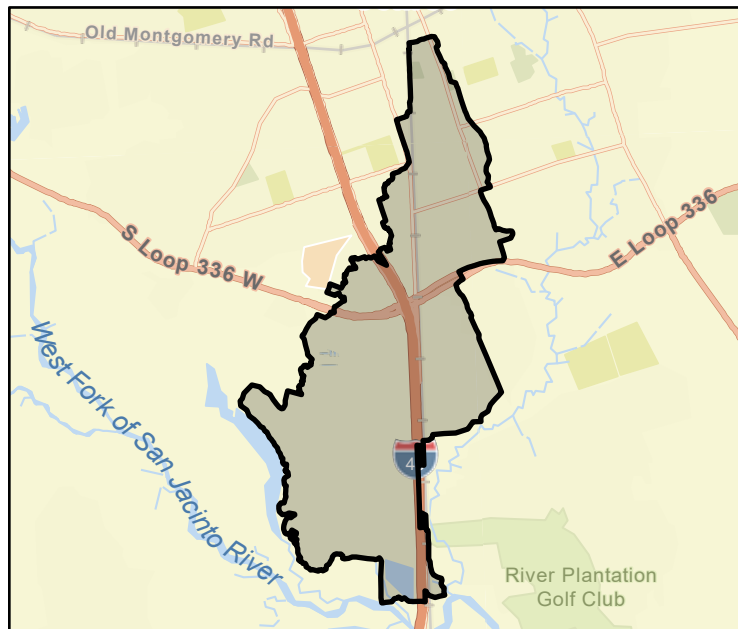
Estimated Cost and Funding Availability

Total Cost \$30,000

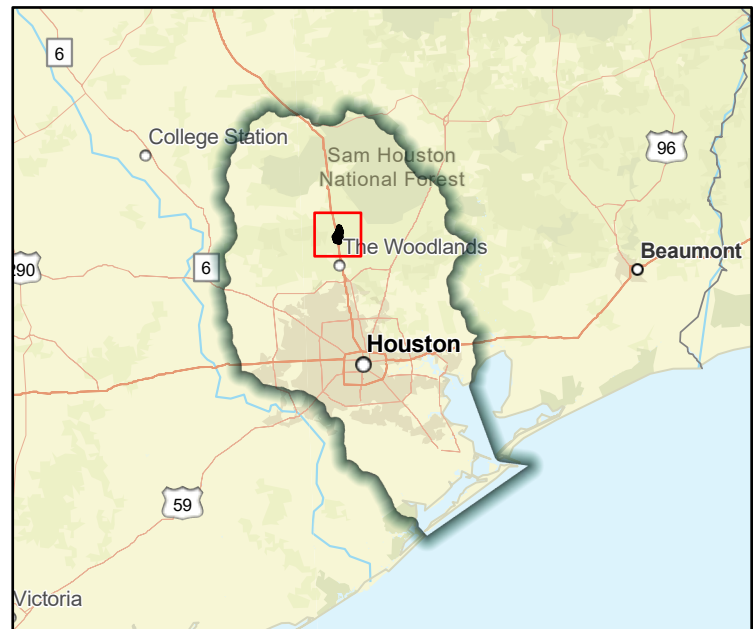
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Barker - T101-00-00

ID# 061000217

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 of Flood Risk Reduction need identified through the HCFCF 'Watershed Planning Tool' to determine channel modifications needed to restore/improve channel conveyance including Atlas 14 rainfall

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Harris

Watershed HUC# (if known) 120401040102,120401040104,120401040203,120401040303

Drainage area (Square miles, est.) 17

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 521

of structures 41

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 9

Roadway(s) impacted (length) 3

Number of low water crossings 0

Historical road closures 0

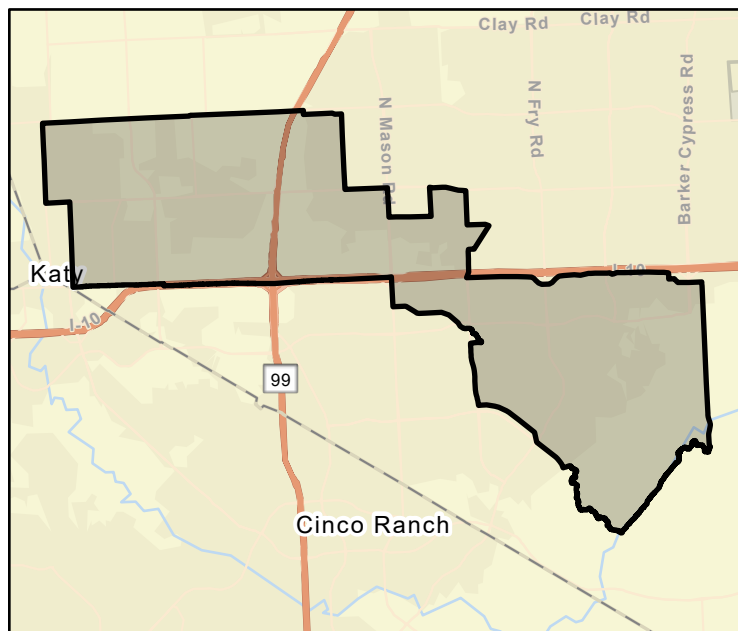
Estimated Cost and Funding Availability

Total Cost \$700,000

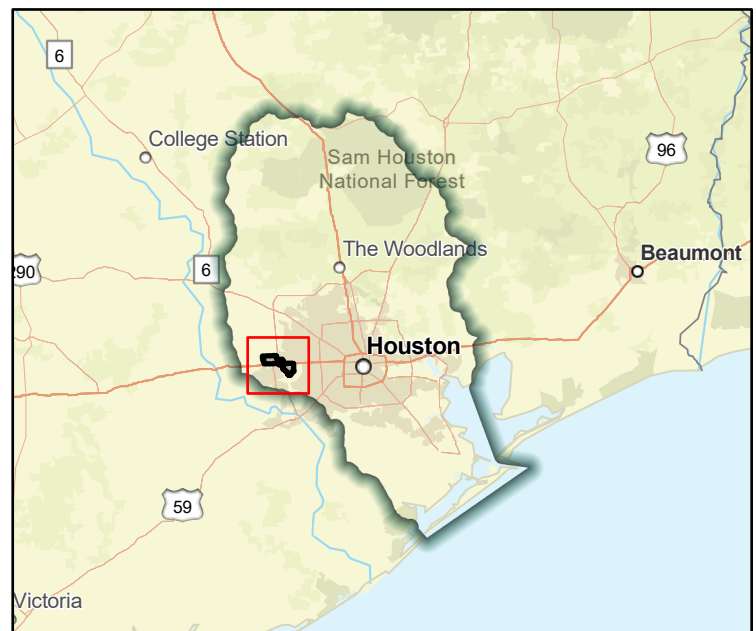
Amount of Available Funding -

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 **Barker - T103-00-00**

ID# **061000218**

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 of Flood Risk Reduction need identified through the HCFCF 'Watershed Planning Tool' to determine channel modifications needed to restore/improve channel conveyance including Atlas 14 rainfall**

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

County **Harris** Watershed HUC# (if known) **120401040102,120401040104,120401040203**

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

100-Year Flood Risk Summary

Population at risk **0** # of structures **0** Critical facilities **0**

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

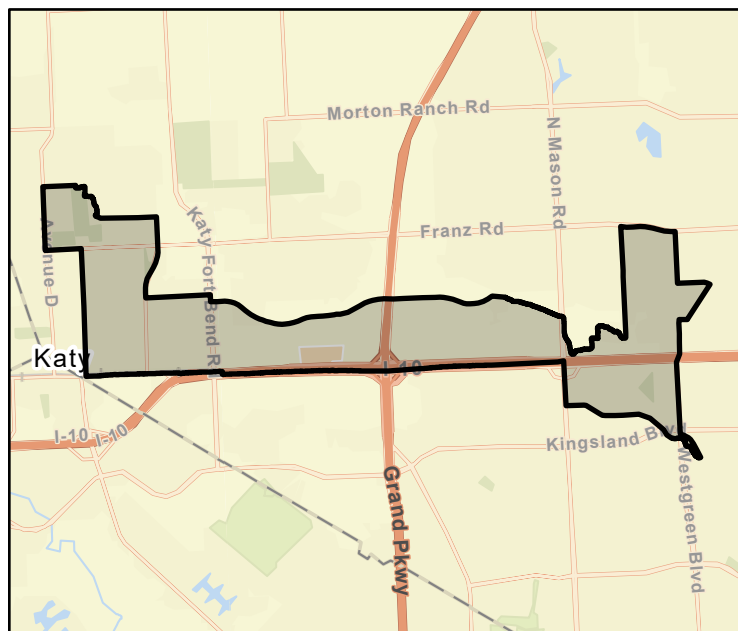
Farm/Ranch land impacted (acres) **1** Roadway(s) impacted (length) **1**

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

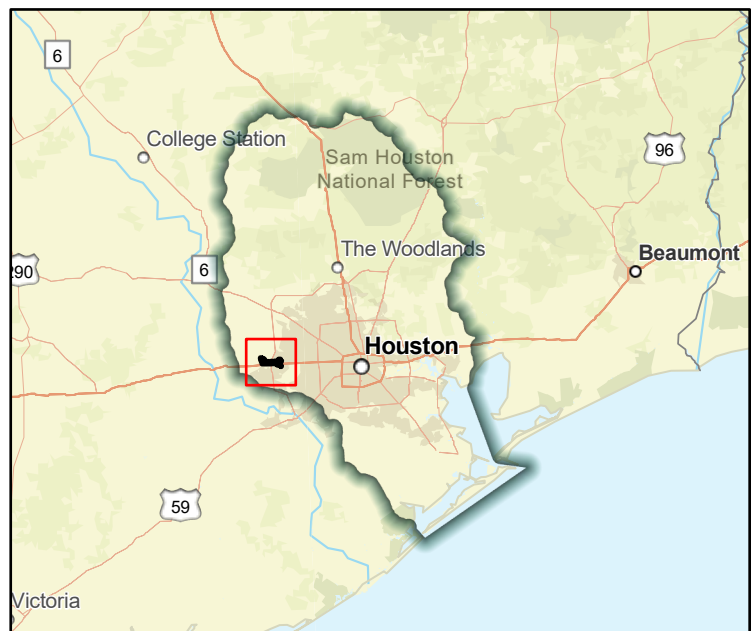
Estimated Cost and Funding Availability

Total Cost **\$700,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)

Title Barker Reservoir Flood Risk Reduction and Park Project

ID# 061000324

Sponsor (name of entity, not person) Willow Fork Drainage District

RFPG recommend? -

Reason for Recommendation -



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Study Details

Study type Project Planning

Study description Study to further the proposed project. FIF application information unavailable.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Fort Bend,Harris,Waller

Watershed HUC# (if known) 120401040103

Drainage area (Square miles, est.) 27

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 306

of structures 115

Critical facilities 2

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 20

Roadway(s) impacted (length) 1

Number of low water crossings 0

Historical road closures 0

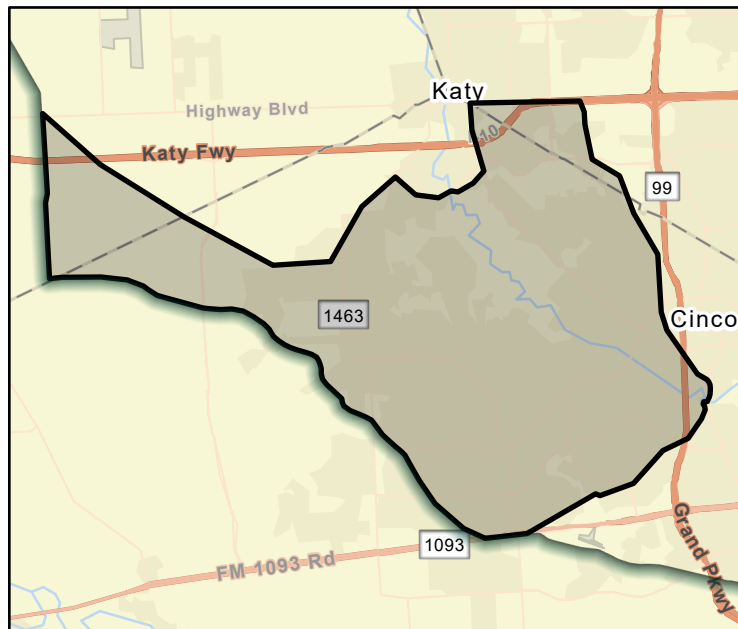
Estimated Cost and Funding Availability

Total Cost \$2,400,000

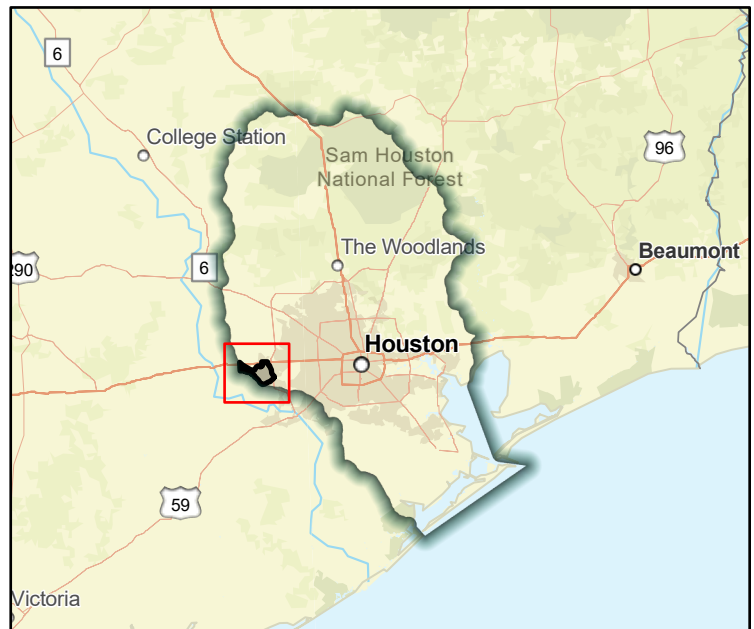
Amount of Available Funding -

Federal funding availability -

Funding source Unknown



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title **Barker Reservoir Watershed Study**

ID# **061000178**

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 **Fort Bend,Harris,Waller**

Watershed HUC# (if known) **120401020103,120401040102,120401040103,120401040104,120401040**

Drainage area (Square miles, est.) **128**

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

100-Year Flood Risk Summary

Population at risk **4,313**

of structures **1,052**

Critical facilities **11**

Flood risk type: Riverine? **Yes**

Coastal? **No**

Local? **No**

Playa? **No**

Other? **No**

Farm/Ranch land impacted (acres) **753**

Roadway(s) impacted (length) **34**

Number of low water crossings **5**

Historical road closures **5**

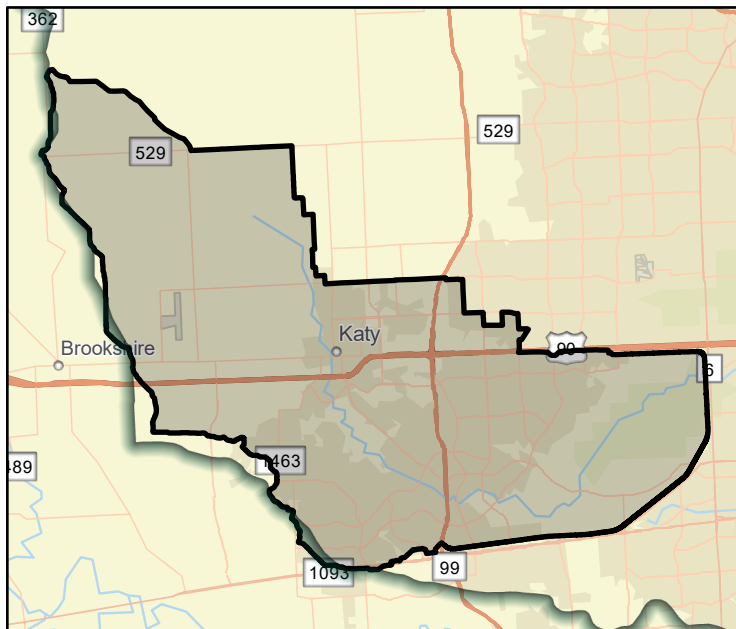
Estimated Cost and Funding Availability

Total Cost **\$1,000,000**

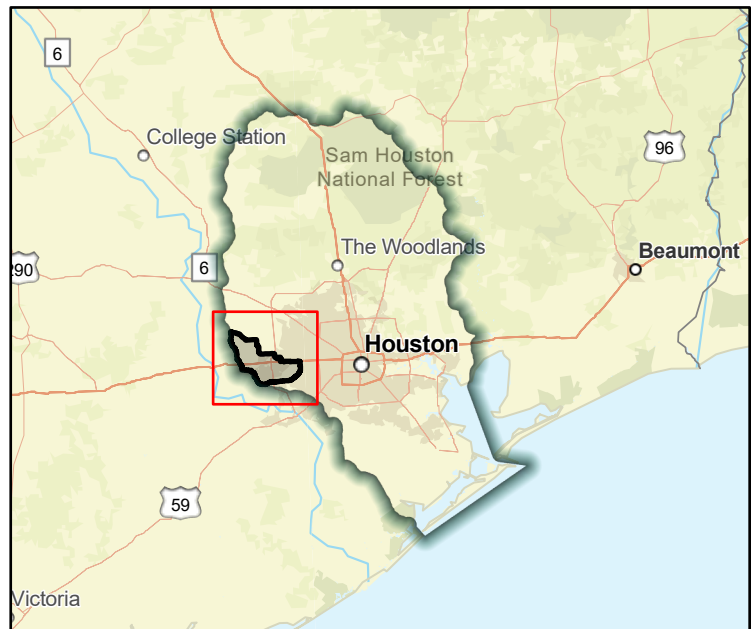
Amount of Available Funding **-**

Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Beaumont Place Subdivision Drainage Improvement Phase 2**

ID# **061000325**

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. FIF application information unavailable.**

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

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

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

100-Year Flood Risk Summary

Population at risk **868** # of structures **103** Critical facilities **3**

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

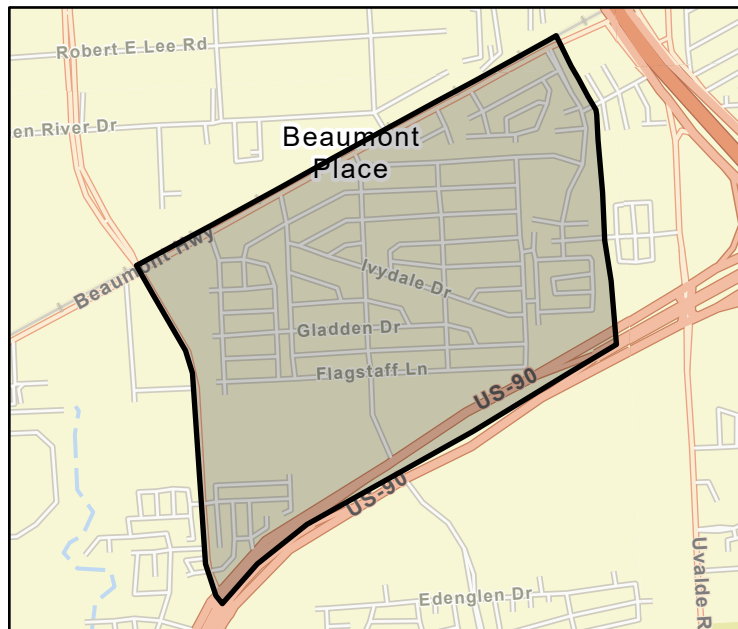
Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (length) **2**

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

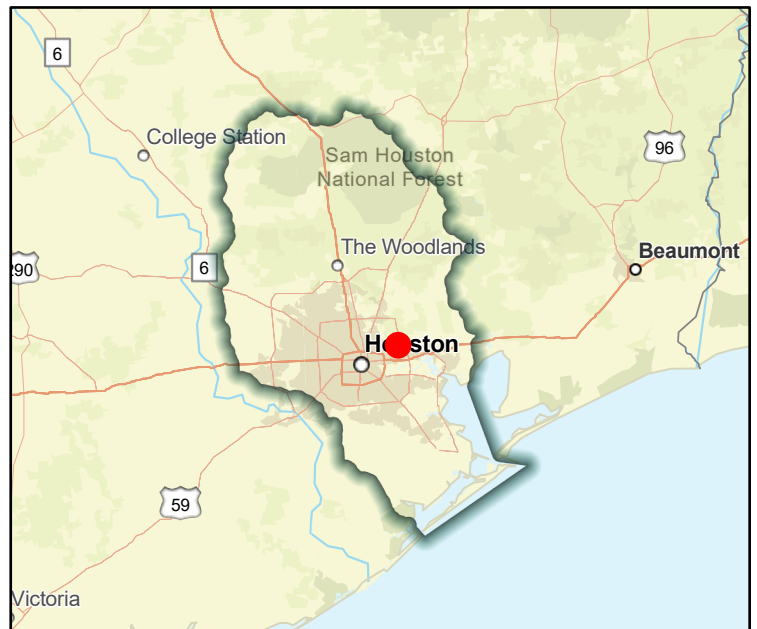
Estimated Cost and Funding Availability

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

Funding source **Unknown**



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title **Blalock Road Drainage Improvement Project**

ID# **061000327**

Sponsor (name of entity, not person) **Piney Point Village (Municipality)**

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

Study Details

Study type **Project Planning**

Study description **Study to further the proposed project that includes increasing the capacity of the drainage system with a 9'x9' RCB to replace dual 36-inch RCP along the east side of the road and an open ditch with driveway culverts on the west side of the road.**

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

County **Harris** Watershed HUC# (if known) **120401040302,120401040303**

Drainage area (Square miles, est.) **7** Goal(s) **06000001,06000011,06000012,06000015**

100-Year Flood Risk Summary

Population at risk **365** # of structures **35** Critical facilities **1**

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

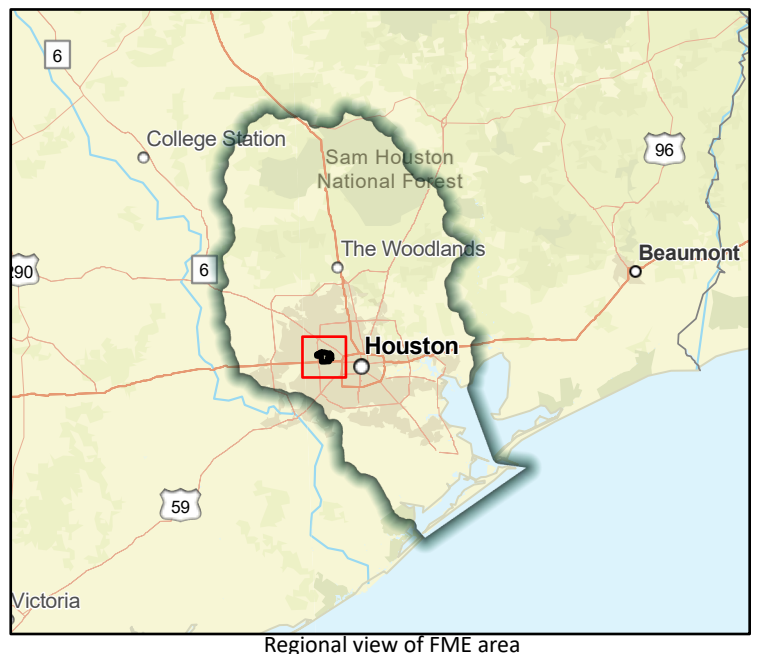
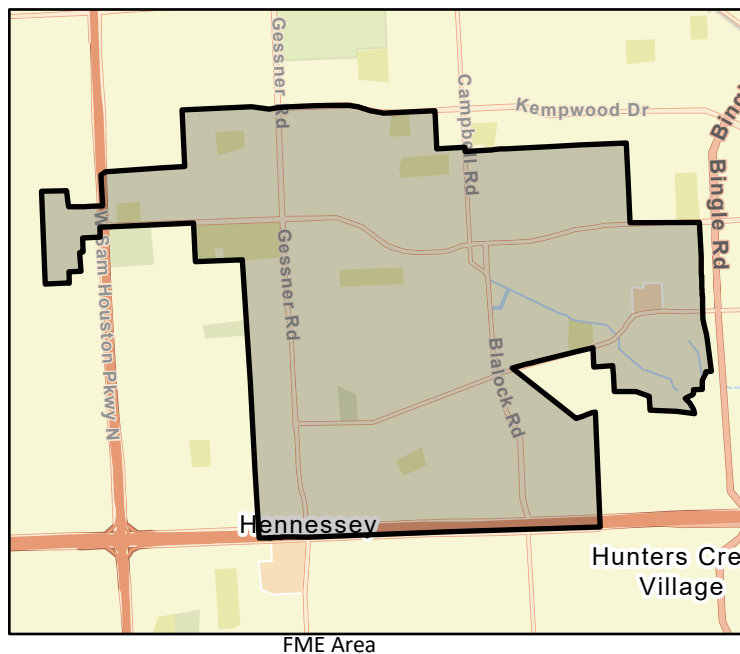
Farm/Ranch land impacted (acres) **-** Roadway(s) impacted (length) **0**

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

Estimated Cost and Funding Availability

Total Cost **\$480,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **CDBG-MIT**



Flood Management Evaluation (FME)



Title Brays Bayou - Keegans Bayou (D118-00-00) Flood Risk Reduction

ID# 061000328

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. A project could reduce the risk flooding for over 2,500 structures and could reduce the frequency and duration of flooding along about 100 miles of roadway.

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.) 23 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 30,383 # of structures 2,549 Critical facilities 27

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

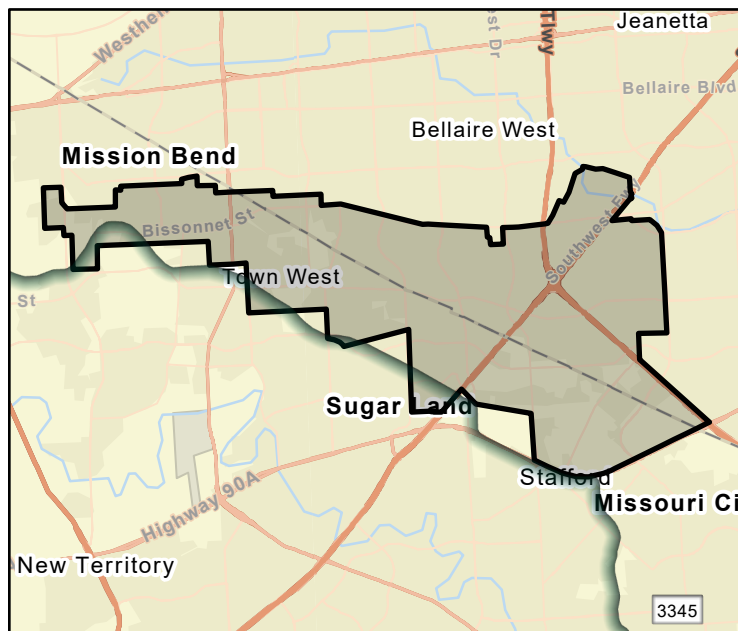
Farm/Ranch land impacted (acres) 3 Roadway(s) impacted (length) 39

Number of low water crossings 0 Historical road closures 0

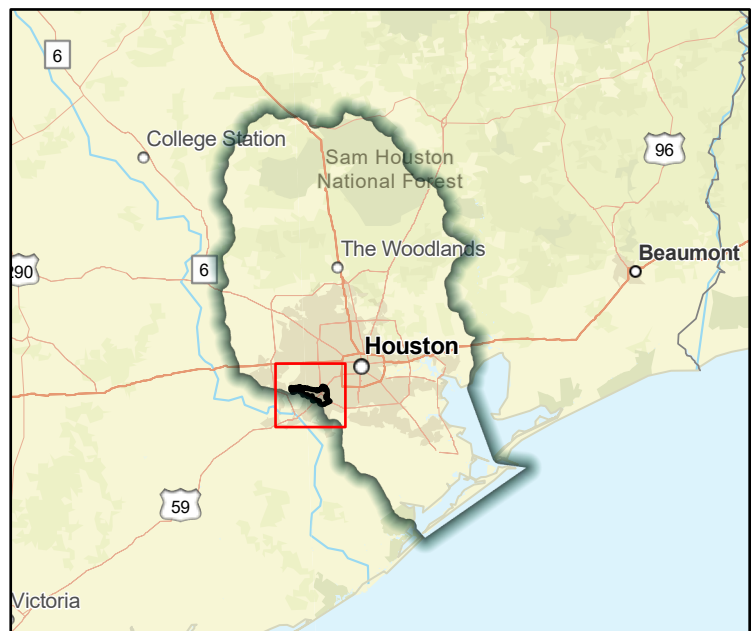
Estimated Cost and Funding Availability

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

Funding source -



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

ID# 061000188

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 of channel improvements from partnership project to restore channel conveyance including Atlas 14 rainfalls

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

County Fort Bend,Harris Watershed HUC# (if known) 120401040103,120401040104,120401040303,120401040401

Drainage area (Square miles, est.) 34 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 1,703 # of structures 328 Critical facilities 1

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

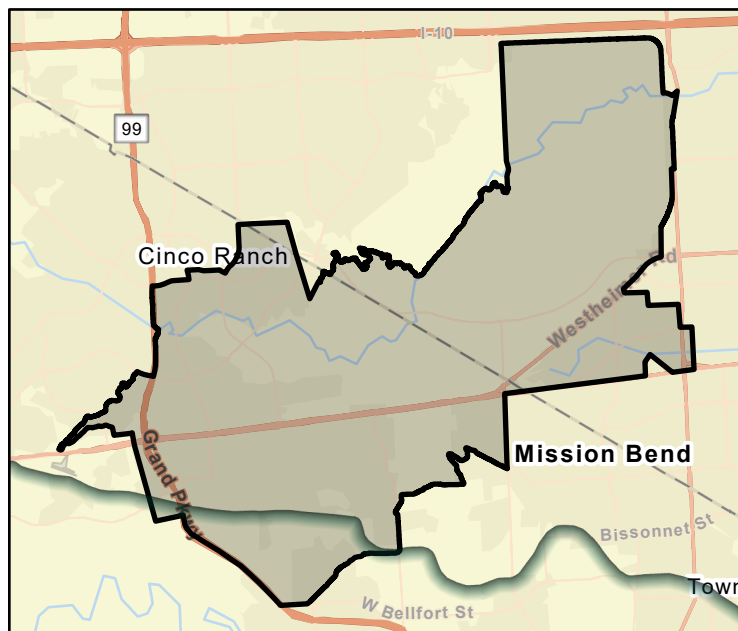
Farm/Ranch land impacted (acres) 218 Roadway(s) impacted (length) 20

Number of low water crossings 0 Historical road closures 0

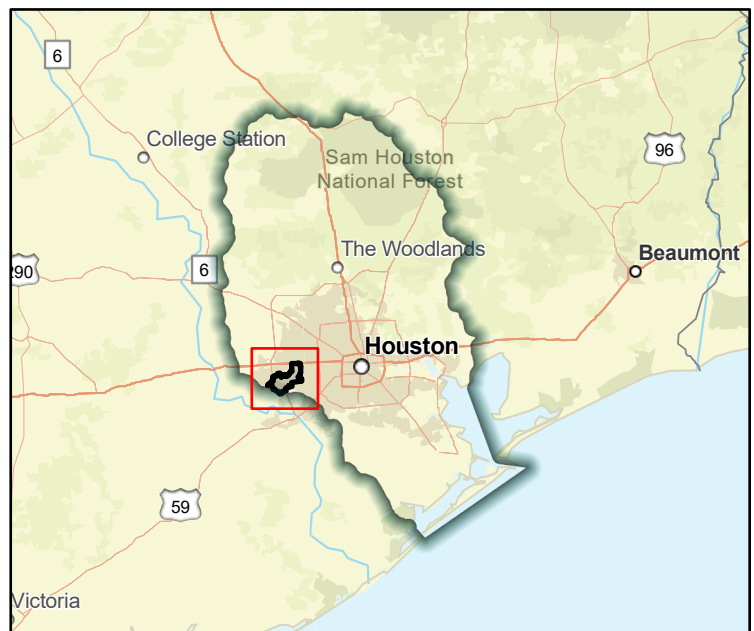
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Brays Bayou - Poor Farm Ditch

ID# 061000186

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 and elevate project to a FMP. Further study of channel improvements from partnership project to restore channel conveyance including Atlas 14 rainfalls

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

County Harris Watershed HUC# (if known) 120401040402

Drainage area (Square miles, est.) 3 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 25,842 # of structures 3,295 Critical facilities 34

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

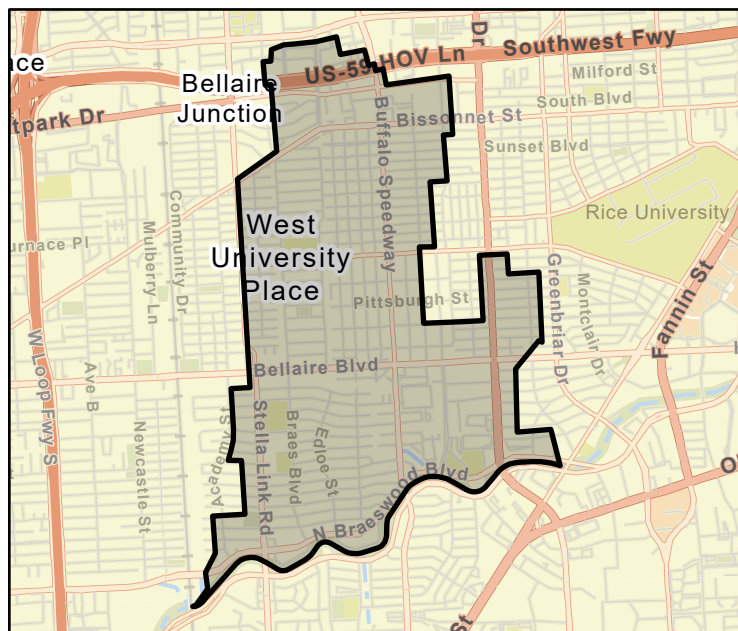
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 37

Number of low water crossings 0 Historical road closures 0

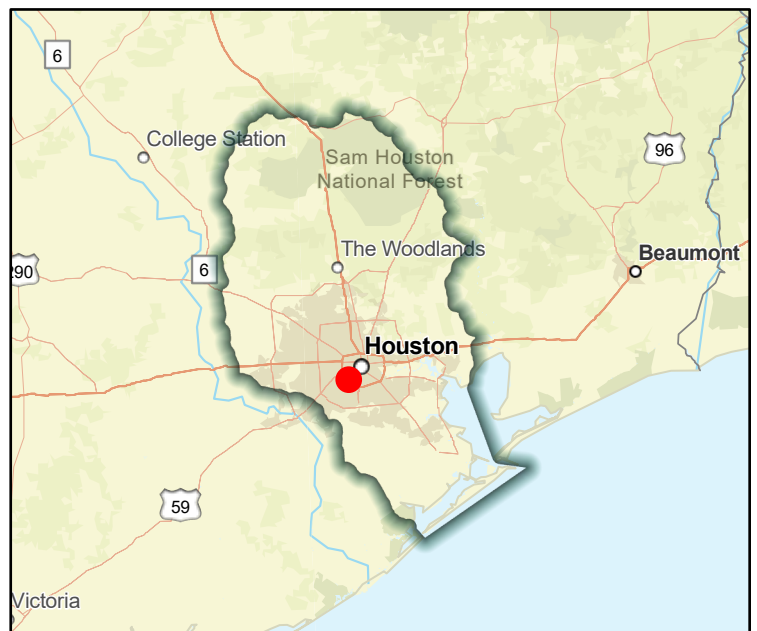
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Brays Bayou Restore Channel Conveyance Capacity Along D115-00-00

ID# 061000187

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 of channel improvements from partnership project to restore channel conveyance including Atlas 14 rainfalls

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

County Harris Watershed HUC# (if known) 120401040401

Drainage area (Square miles, est.) 6 Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 34,583 # of structures 5,579 Critical facilities 75

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

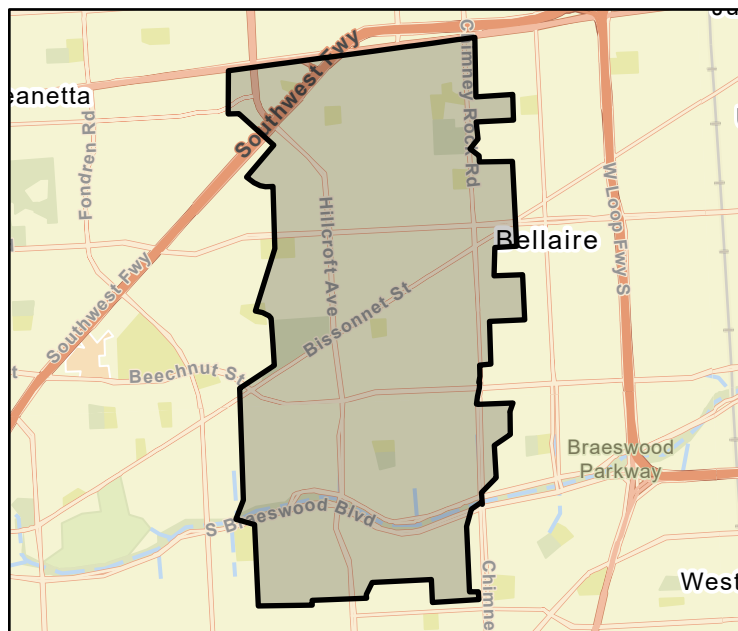
Farm/Ranch land impacted (acres) 1 Roadway(s) impacted (length) 59

Number of low water crossings 0 Historical road closures 0

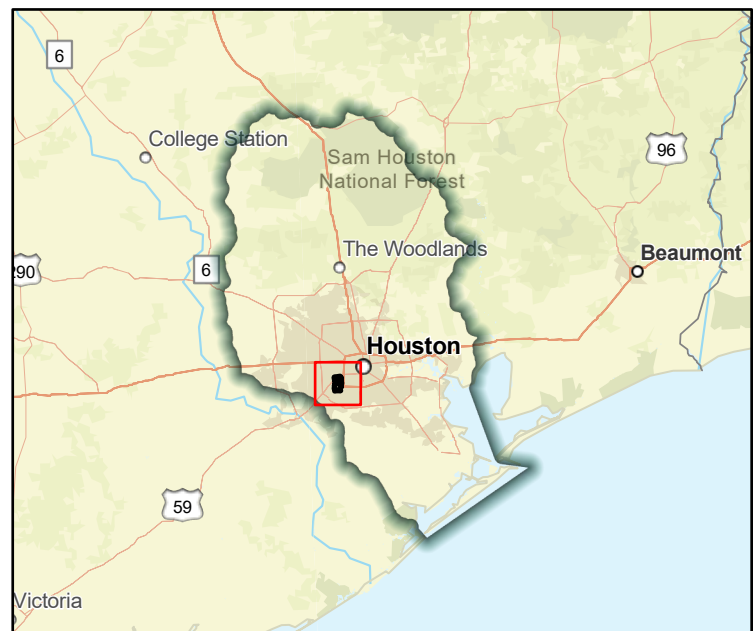
Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title Brays Bayou Watershed Study

ID# 061000180

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 Fort Bend,Harris

Watershed HUC# (if known) 120401040703,120401040402,120401040305,120401040303,120401040

Drainage area (Square miles, est.) 128

Goal(s) 06000001,06000010,06000015

100-Year Flood Risk Summary

Population at risk 361,848

of structures 40,950

Critical facilities 594

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 45

Roadway(s) impacted (length) 537

Number of low water crossings 2

Historical road closures

2

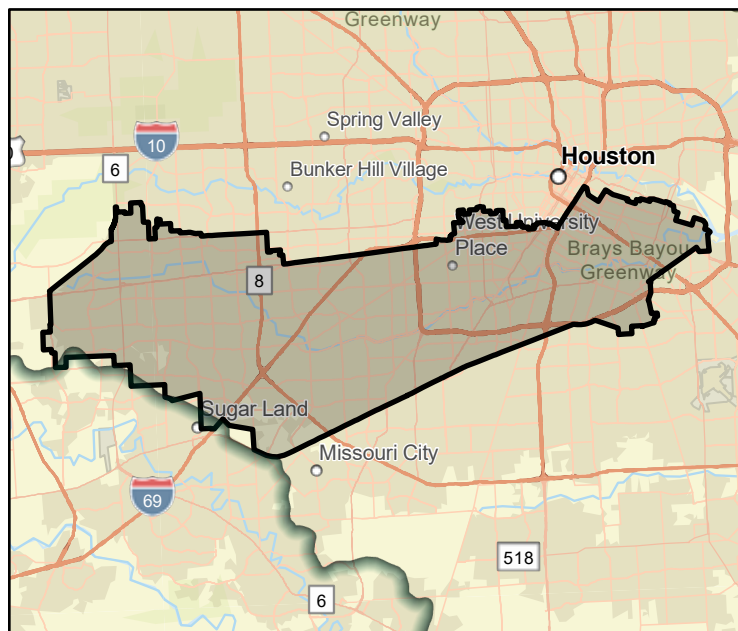
Estimated Cost and Funding Availability

Total Cost \$1,000,000

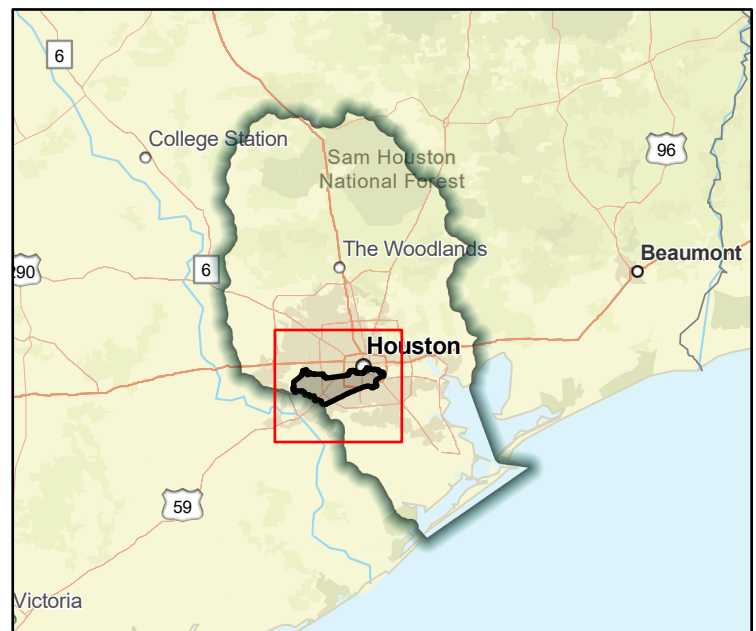
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area