

# Flood Management Evaluation (FME)



Title City of Cleveland Drainage Improvements

ID# 061000167

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

Study description Further study of proposed city of cleveland drainage improvements

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Liberty, Montgomery, San Jacinto

Watershed HUC# (if known) 120401030201, 120401030108, 120401030109, 120401030203, 120401030

Drainage area (Square miles, est.) 19

Goal(s) 06000001, 06000011, 06000012, 06000015

## 100-Year Flood Risk Summary

Population at risk 1,267

# of structures 261

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 29

Roadway(s) impacted (length) 27

Number of low water crossings 1

Historical road closures

1

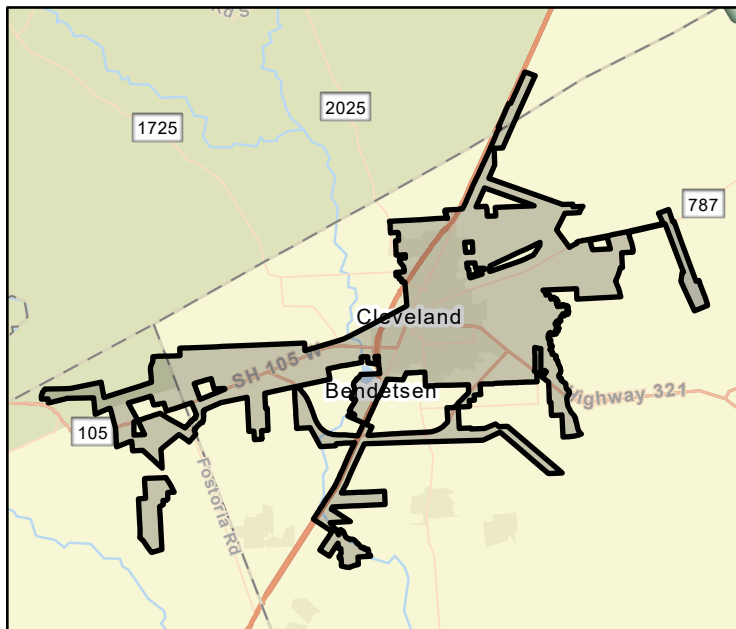
## Estimated Cost and Funding Availability

Total Cost \$530,000

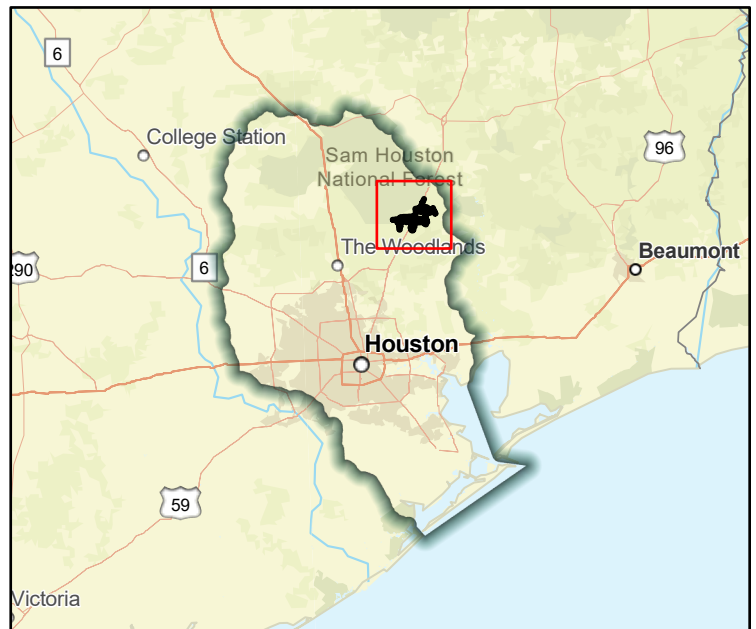
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title

ID#

Sponsor (name of entity, not person)

RFPG recommend?  Reason for Recommendation

## Study Details

Study type

Study description

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

County  Watershed HUC# (if known)

Drainage area (Square miles, est.)  Goal(s)

## 100-Year Flood Risk Summary

Population at risk  # of structures  Critical facilities

Flood risk type: Riverine?  Coastal?  Local?  Playa?  Other?

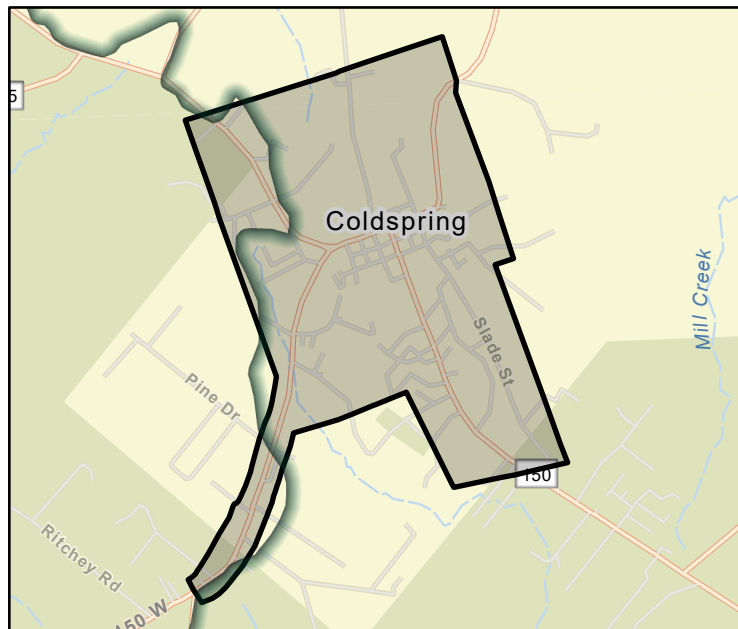
Farm/Ranch land impacted (acres)  Roadway(s) impacted (length)

Number of low water crossings  Historical road closures

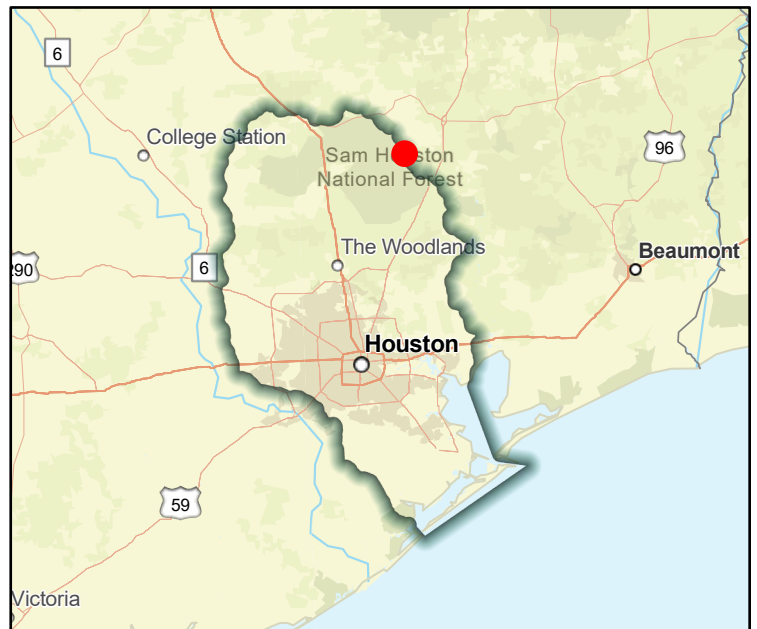
## Estimated Cost and Funding Availability

Total Cost  Amount of Available Funding  Federal funding availability

Funding source



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title City of Conroe Downtown Master Drainage Plan

ID# 061000215

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

Study description Full as-built storm sewer inventory survey and a full drainage study recommended.

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

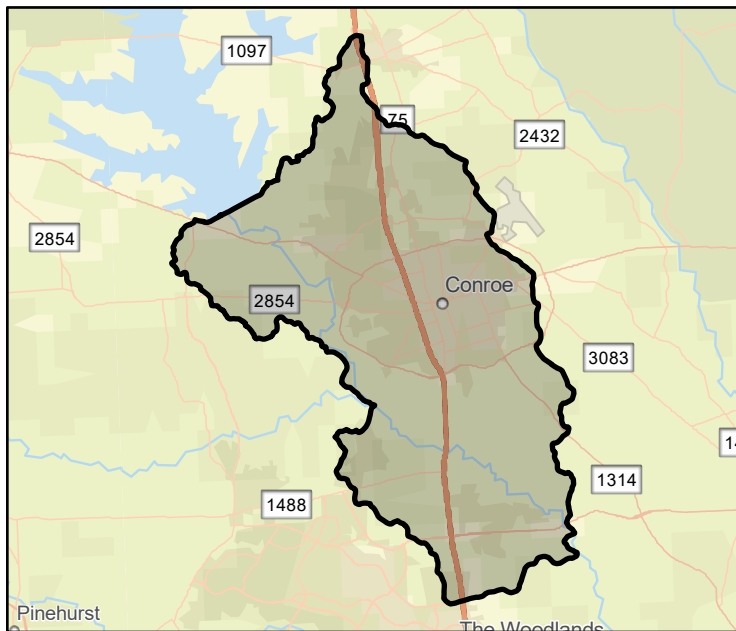
Farm/Ranch land impacted (acres) 98 Roadway(s) impacted (length) 84

Number of low water crossings 18 Historical road closures 18

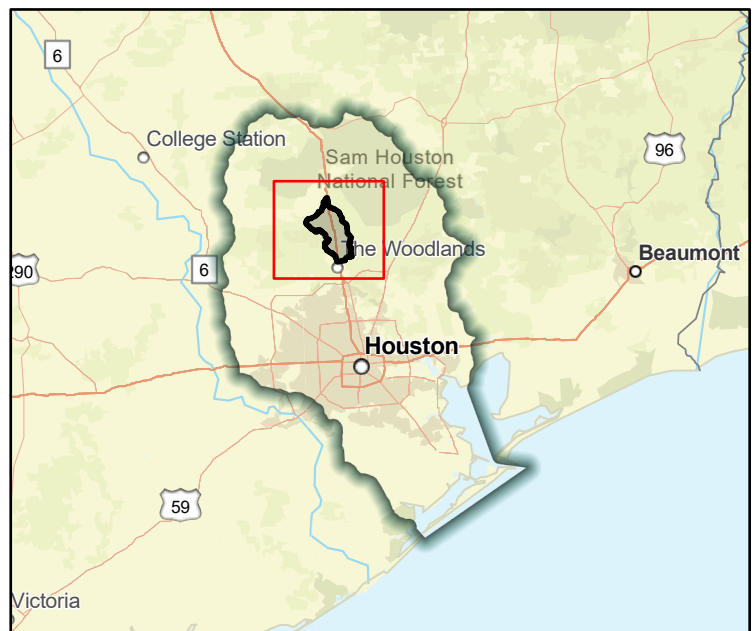
## Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

Title City of Conroe Riverine Study and Mapping Improvements

ID# 061000213

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

RFPG recommend? - Reason for Recommendation -



SAN JACINTO REGIONAL FLOOD PLANNING GROUP  
**REGION 6**

## Study Details

Study type Watershed Planning

Study description Study and new modeling for moderate to low quality areas and revise the flood maps using the results from the updated 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) 06000001,06000010,06000015

## 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

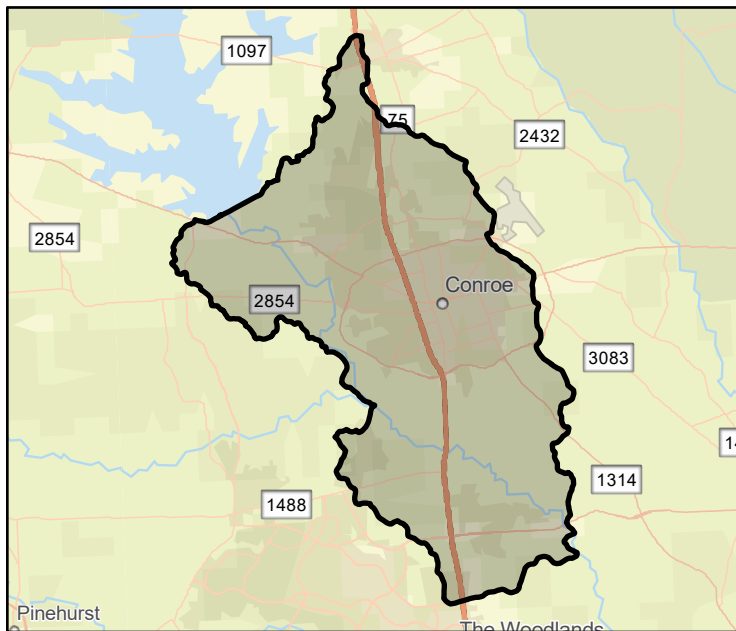
## Estimated Cost and Funding Availability

Total Cost \$500,000

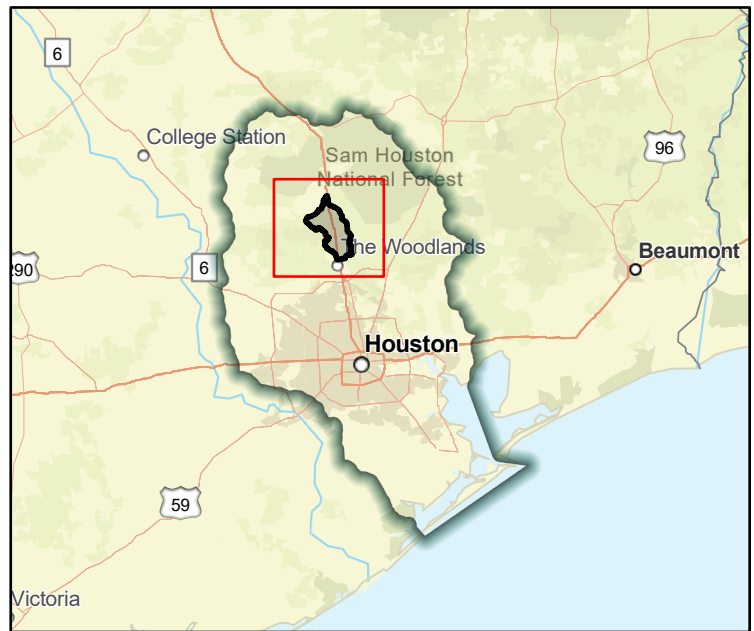
Amount of Available Funding -

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 City of Cut and Shoot Master Drainage Plan

ID# 061000232

Sponsor (name of entity, not person) Cut and Shoot (Municipality)

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

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

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Montgomery

Watershed HUC# (if known) 120401010403,120401030102,120401030104

Drainage area (Square miles, est.) 3

Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 258

# of structures 90

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 3

Roadway(s) impacted (length) 2

Number of low water crossings 0

Historical road closures 0

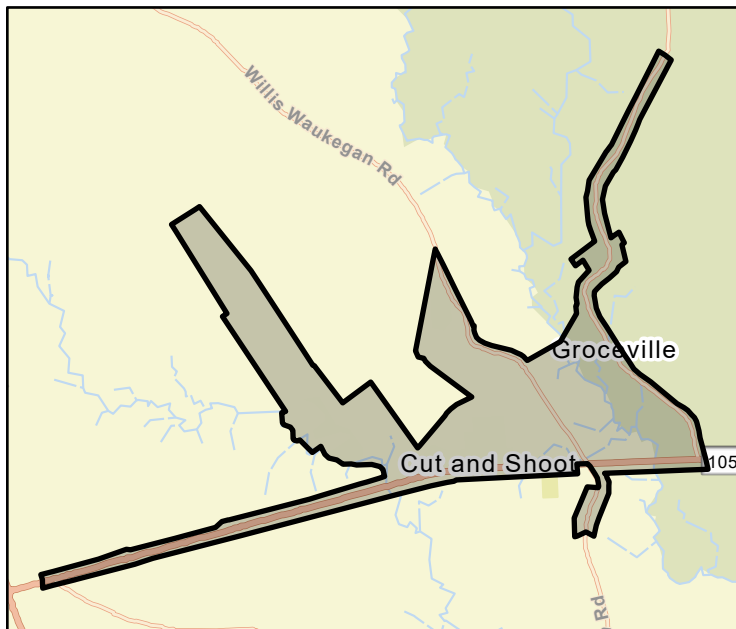
## Estimated Cost and Funding Availability

Total Cost \$100,000

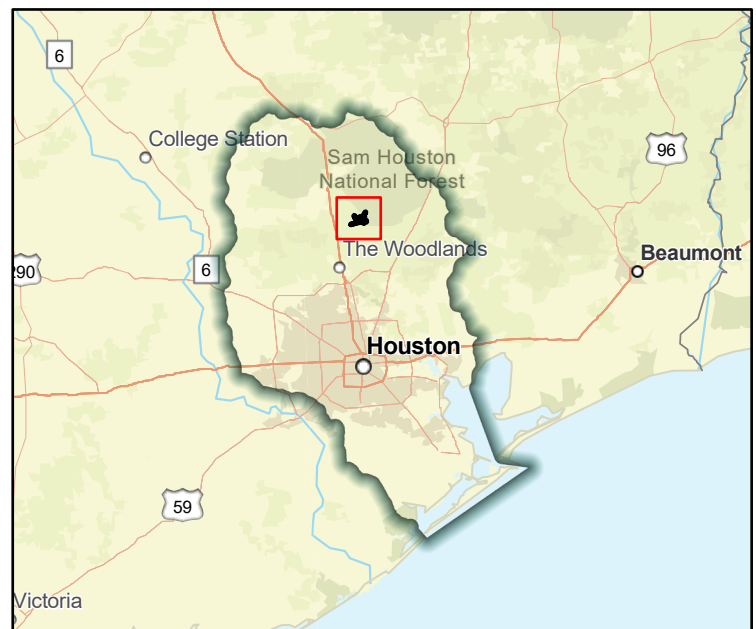
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title City of Dayton Master Drainage Plan

ID# 061000233

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

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

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Liberty

Watershed HUC# (if known) 120402030104,120402030103,120402030102,120402030101

Drainage area (Square miles, est.) 31

Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 74

# of structures 32

Critical facilities 0

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 66

Roadway(s) impacted (length) 1

Number of low water crossings -

Historical road closures -

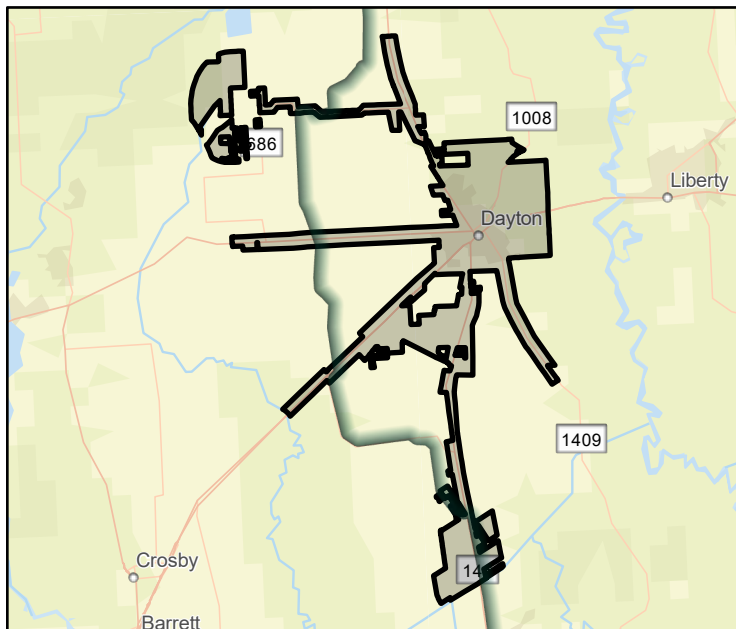
## Estimated Cost and Funding Availability

Total Cost \$600,000

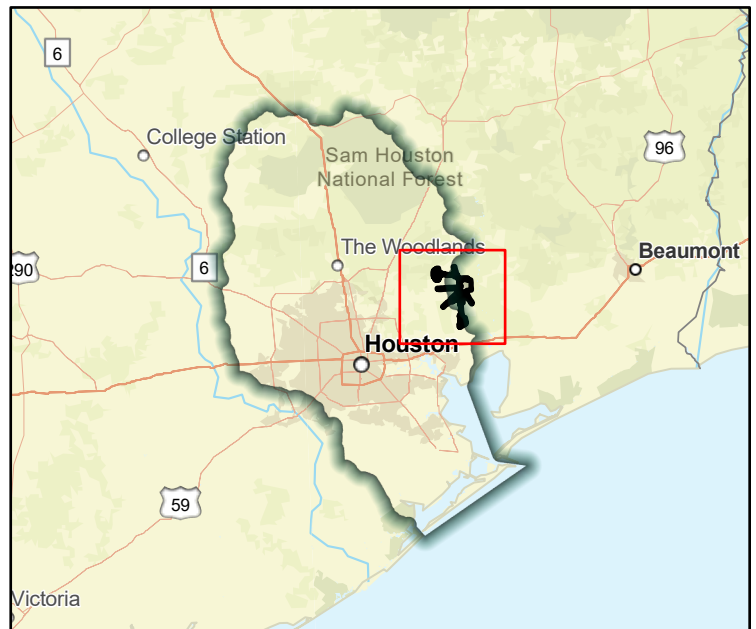
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title City of Deer Park Master Drainage Plan

ID# 061000234

Sponsor (name of entity, not person) Deer Park (Municipality)

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

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

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

County Harris Watershed HUC# (if known) 120401040703,120401040706,120402040100

Drainage area (Square miles, est.) 11 Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 8,356 # of structures 469 Critical facilities 6

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

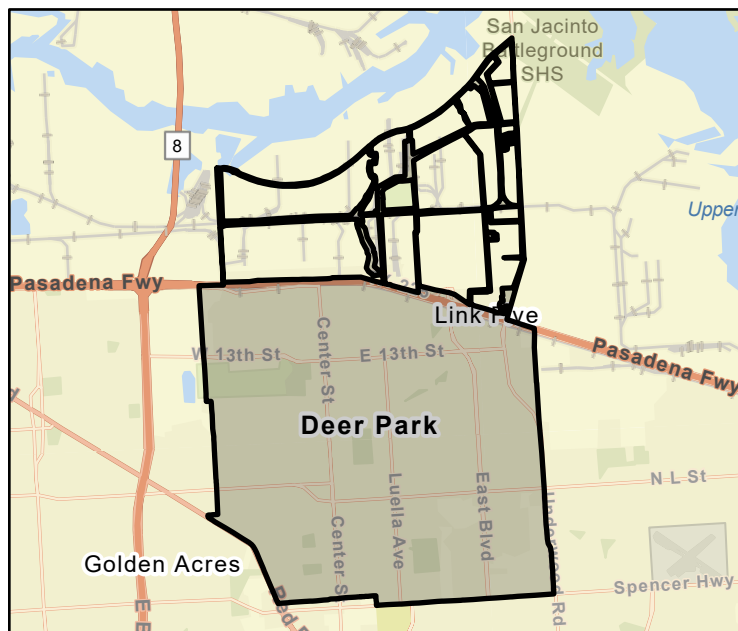
Farm/Ranch land impacted (acres) 4 Roadway(s) impacted (length) 9

Number of low water crossings 1 Historical road closures 1

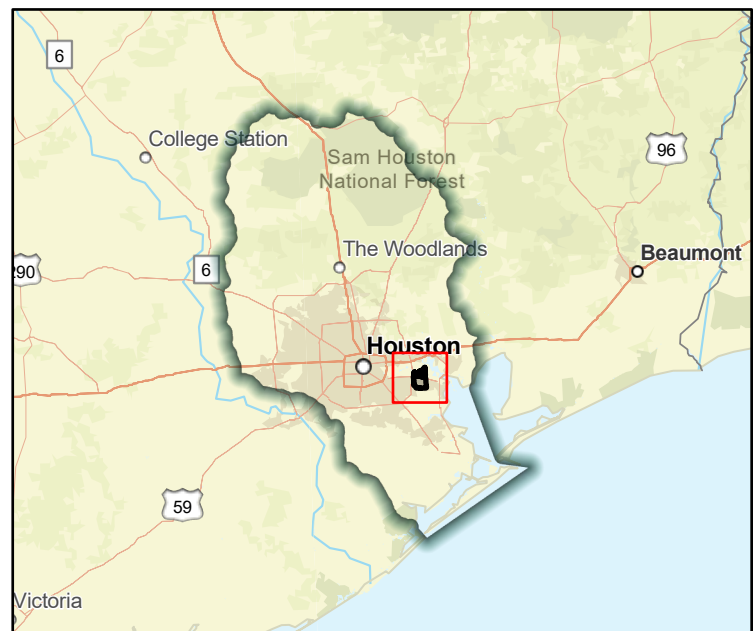
## Estimated Cost and Funding Availability

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 City of Dickinson Master Drainage Plan

ID# 061000235

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

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

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

## 100-Year Flood Risk Summary

Population at risk 22,231 # of structures 5,624 Critical facilities 78

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

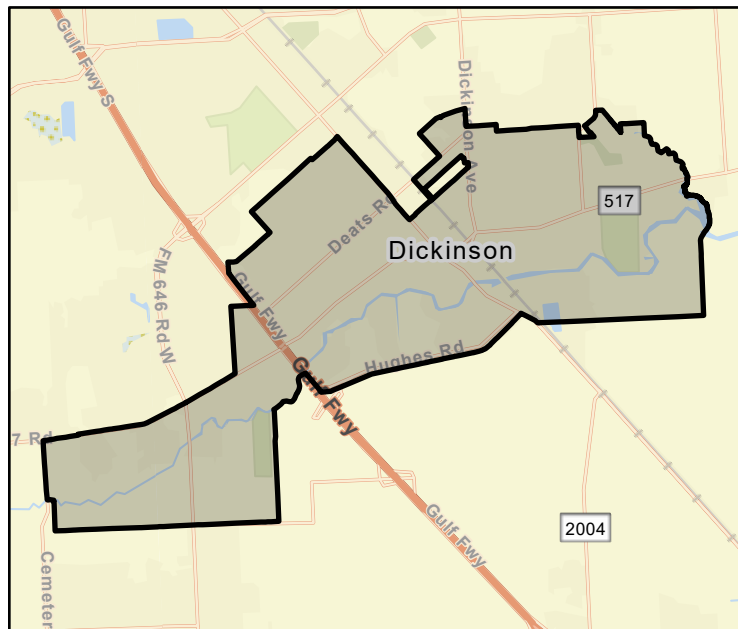
Farm/Ranch land impacted (acres) 38 Roadway(s) impacted (length) 79

Number of low water crossings 10 Historical road closures 10

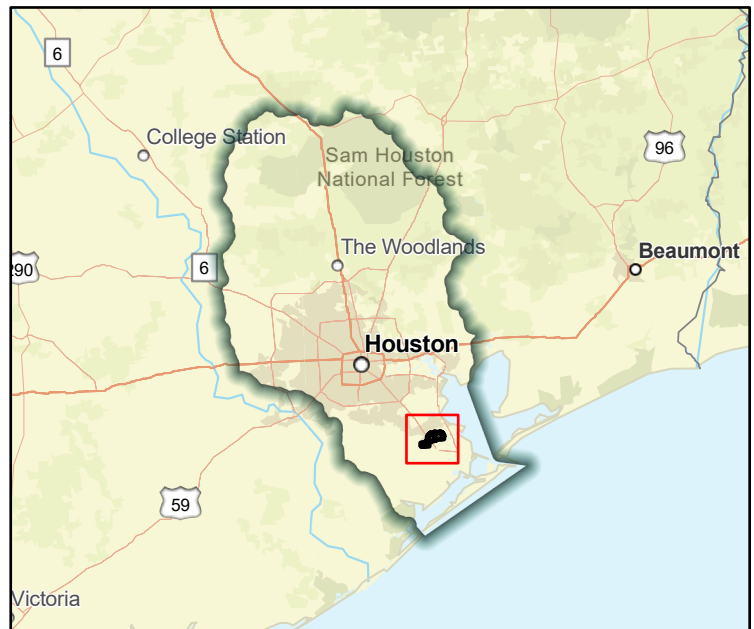
## Estimated Cost and Funding Availability

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 City of El Lago Master Drainage Plan

ID# 061000236

Sponsor (name of entity, not person) El Lago (Municipality)

RFPG recommend? -

Reason for Recommendation -

## Study Details

Study type Project Planning

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

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 3,033

# of structures 743

Critical facilities 9

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (length) 9

Number of low water crossings -

Historical road closures -

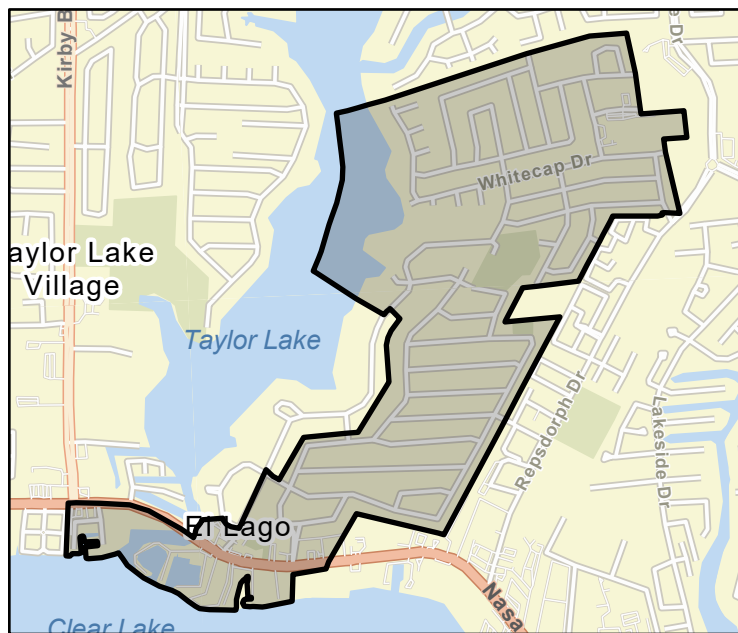
## Estimated Cost and Funding Availability

Total Cost \$100,000

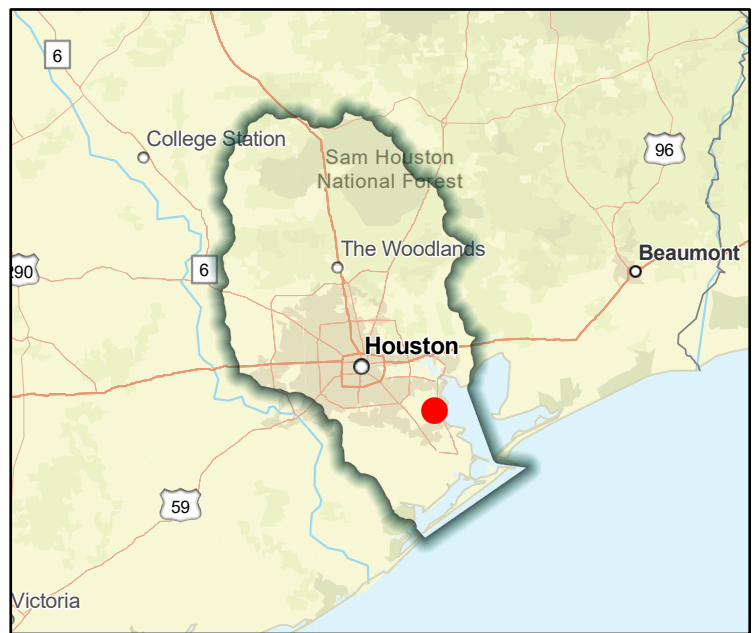
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title City of Friendswood - Clear Creek Inline & Offline Detention - Bay Area Blvd. Phase I

ID# 061000424

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

Study description This project, which includes terraces, detention, and a trail network, will reduce water surface elevations on Clear Creek within the City of Friendswood and will make the Blackhawk Wastewater Treatment Facility more resilient.

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

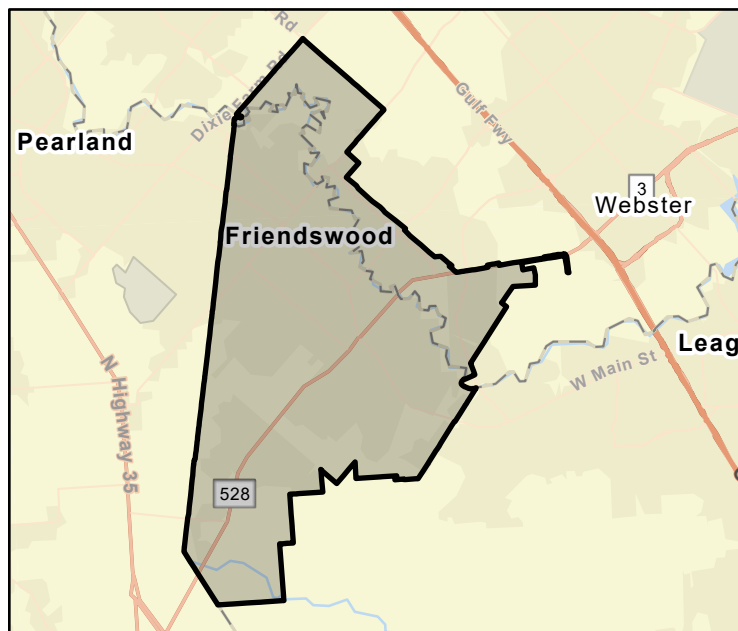
Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (length) 38

Number of low water crossings 5 Historical road closures 5

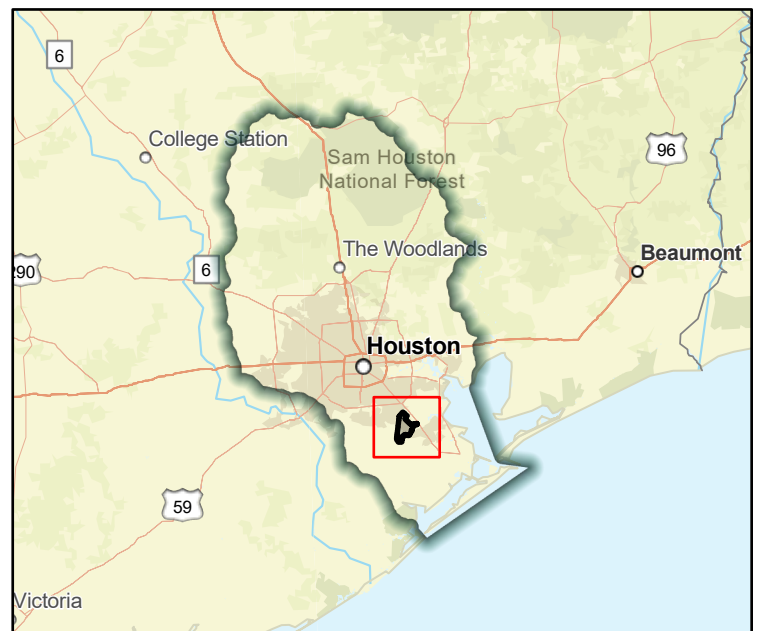
## Estimated Cost and Funding Availability

Total Cost \$3,946,000 Amount of Available Funding - Federal funding availability -

Funding source CDBG-MIT



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

Title City of Friendswood - Comprehensive Flood Mitigation Plan

ID# 061000091

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

RFPG recommend? - Reason for Recommendation -



SAN JACINTO REGIONAL FLOOD PLANNING GROUP  
**REGION 6**

## Study Details

Study type Watershed Planning

Study description Study to update city floodplain maps and develop flood mitigation plan

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) 06000001,06000010,06000015

## 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

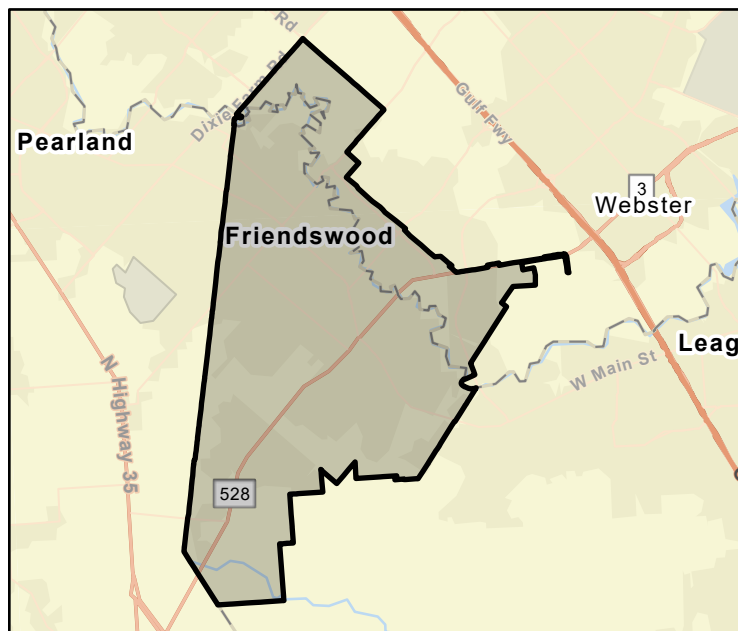
## Estimated Cost and Funding Availability

Total Cost \$200,000

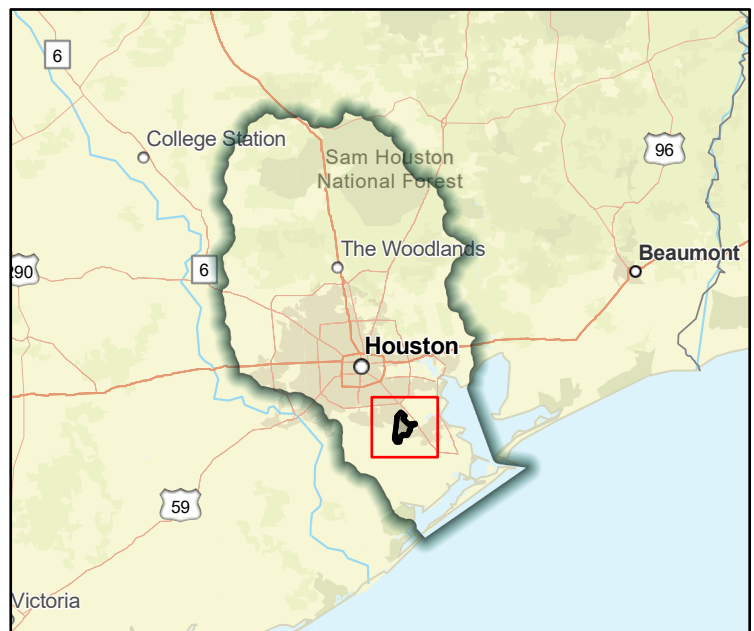
Amount of Available Funding -

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 City of Friendswood - Devils Dip

ID# 061000096

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

Study description Further study and design of modifications along Mary's creek bridge and channel

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

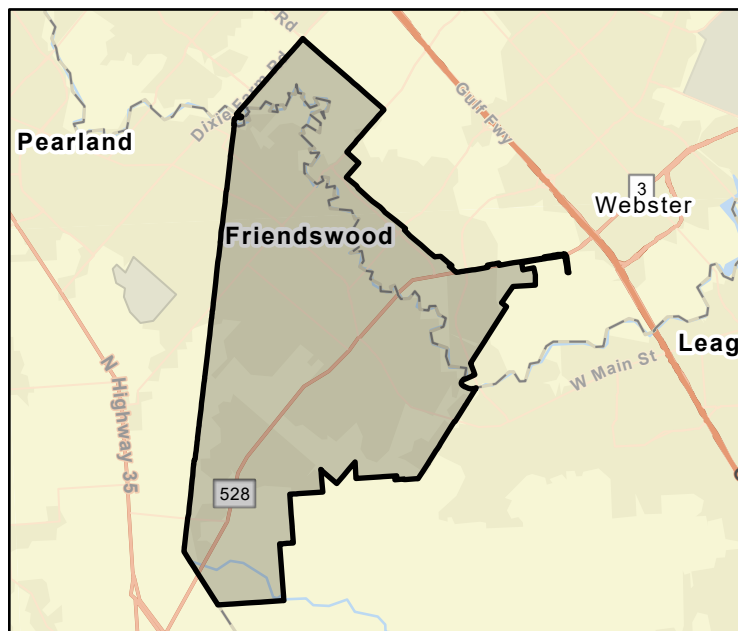
Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (length) 38

Number of low water crossings 5 Historical road closures 5

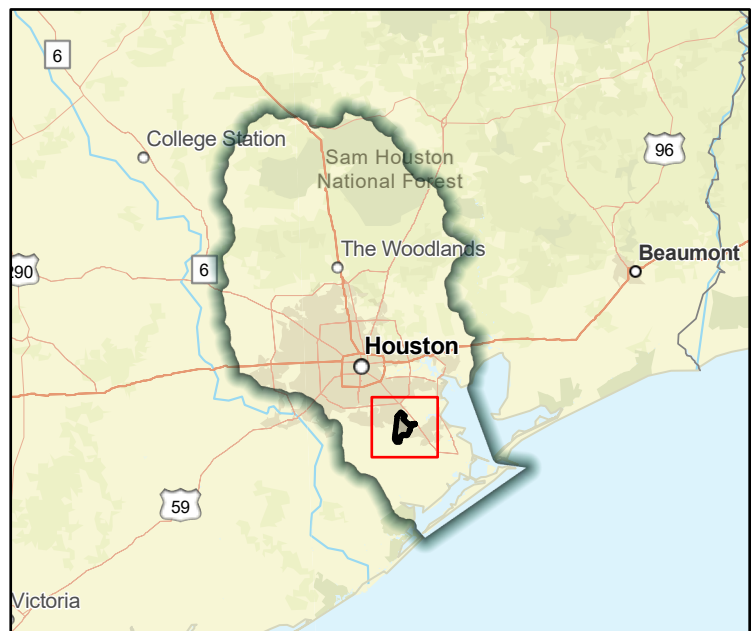
## Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title City of Friendswood - Tributary 2 Drainage/Outfall Improvements

ID# 061000105

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

Study description Further study of component of 2004 TXDOT study to include Atlas 14 rainfalls

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

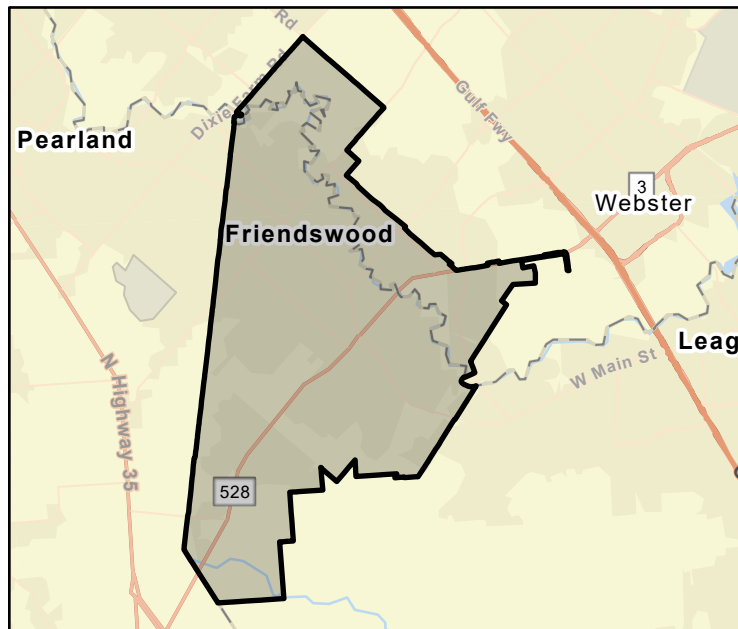
Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (length) 38

Number of low water crossings 5 Historical road closures 5

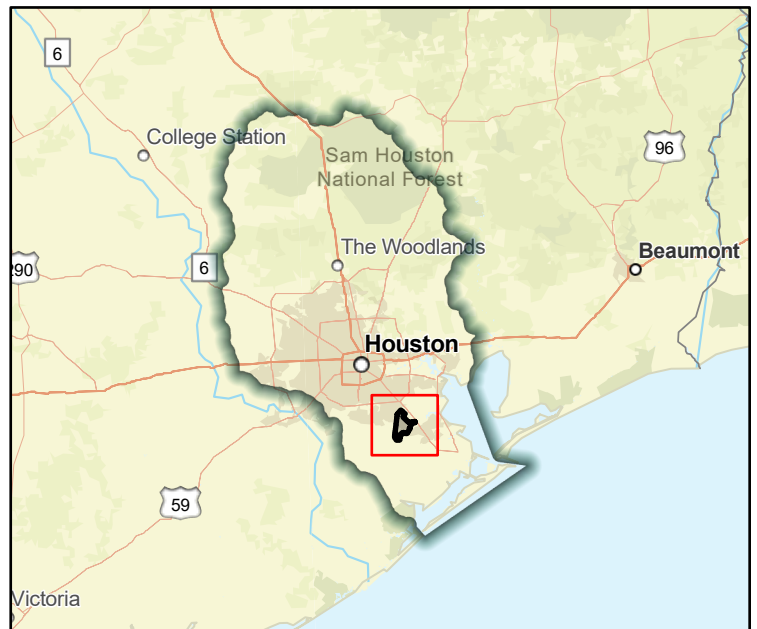
## Estimated Cost and Funding Availability

Total Cost \$180,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

Title City of Friendswood Master Drainage Plan

ID# 061000237

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

RFPG recommend? - Reason for Recommendation -



## Study Details

Study type Project Planning

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

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

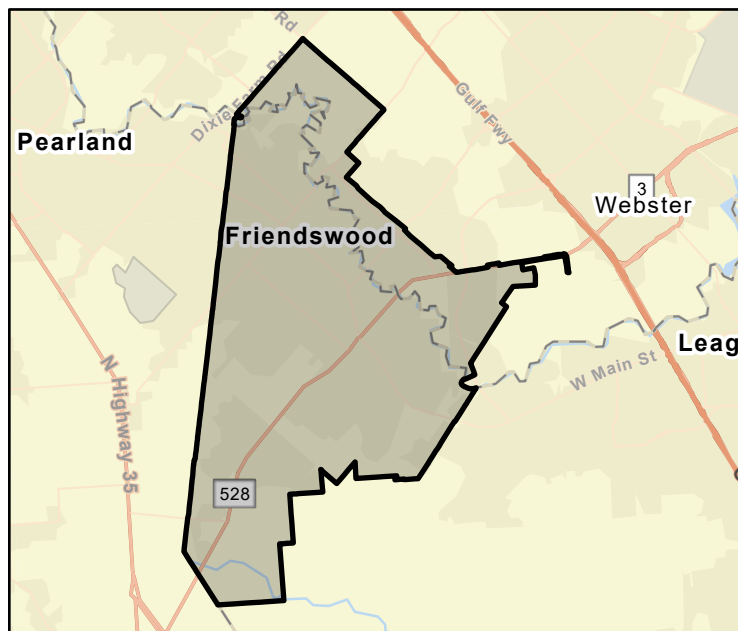
Farm/Ranch land impacted (acres) 18 Roadway(s) impacted (length) 38

Number of low water crossings 5 Historical road closures 5

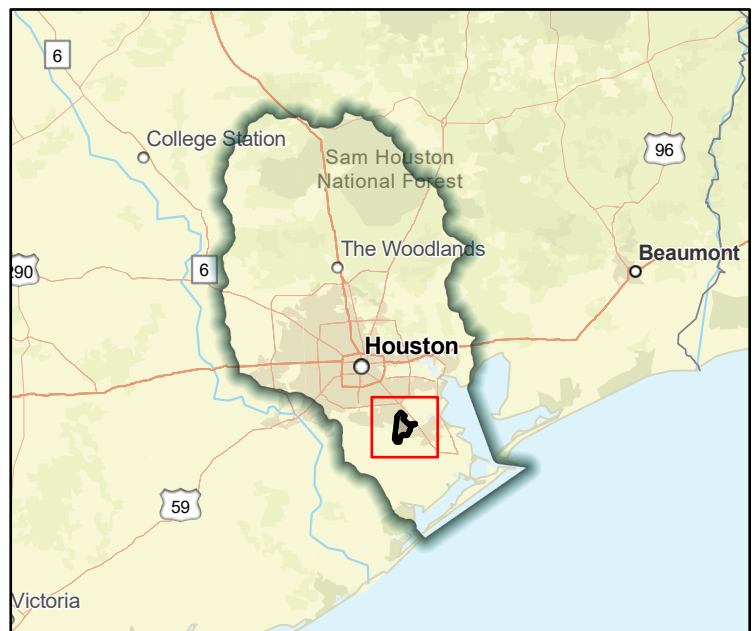
## Estimated Cost and Funding Availability

Total Cost \$400,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)

Title City of Fulshear Master Drainage Plan

ID# 061000238

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

RFPG recommend? - Reason for Recommendation -



## Study Details

Study type Project Planning

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

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

County Fort Bend Watershed HUC# (if known) 120401040103

Drainage area (Square miles, est.) 12 Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk - # of structures - Critical facilities -

Flood risk type: Riverine? <Null> Coastal? <Null> Local? <Null> Playa? <Null> Other? <Null>

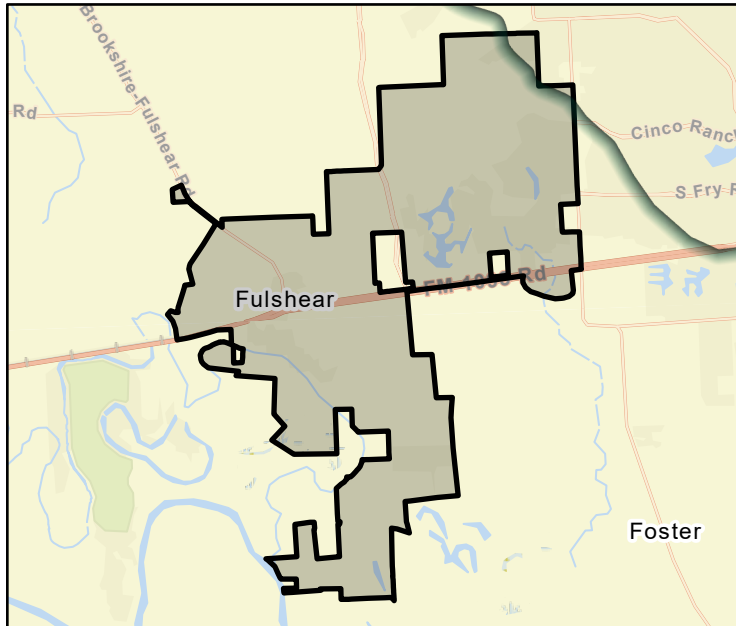
Farm/Ranch land impacted (acres) - Roadway(s) impacted (length) -

Number of low water crossings - Historical road closures -

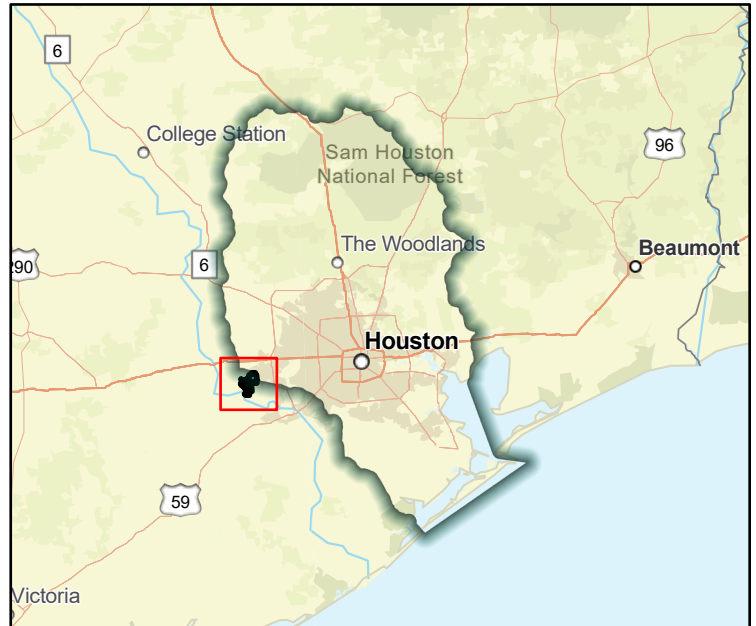
## Estimated Cost and Funding Availability

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 **City of Galena Park Master Drainage Plan**

ID# **061000239**

Sponsor (name of entity, not person) **Galena Park (Municipality)**

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

## Study Details

Study type **Project Planning**

Study description **Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall**

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

County **Harris** Watershed HUC# (if known) **120401040703,120401040701**

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

## 100-Year Flood Risk Summary

Population at risk **712** # of structures **205** Critical facilities **9**

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

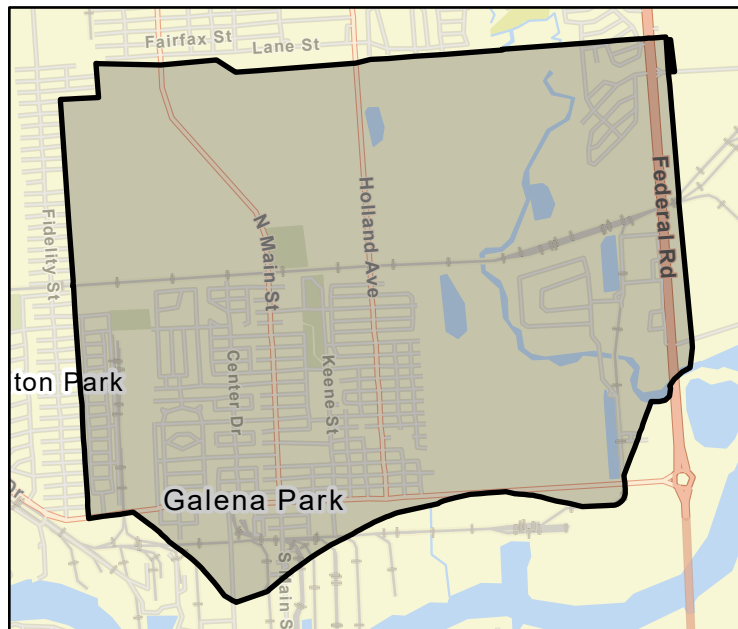
Farm/Ranch land impacted (acres) **3** Roadway(s) impacted (length) **3**

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

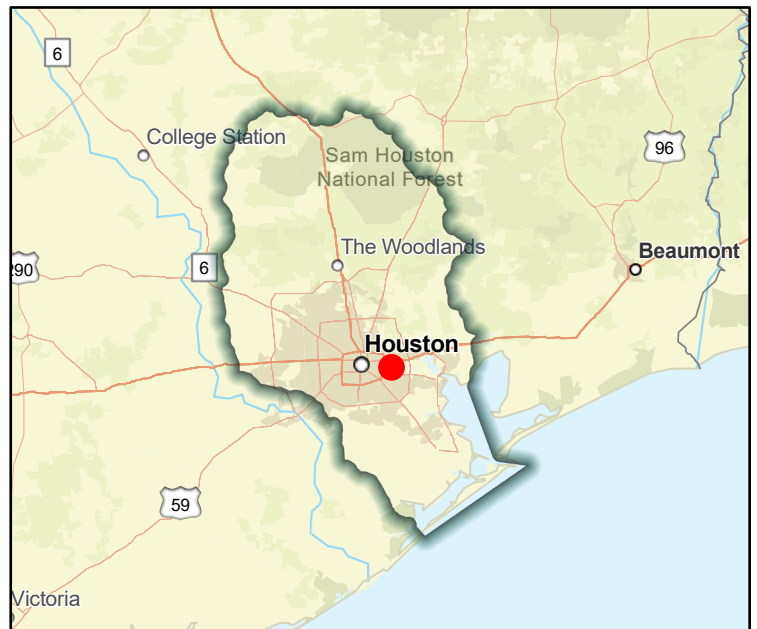
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title City of Galveston Coastal Road Elevation

ID# 061000055

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

RFPG recommend? -

Reason for Recommendation -

## Study Details

Study type Project Planning

Study description Elevate coastal roads to better protect public during evacuation and to protect the roads from flood damage, where technically feasible.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Galveston

Watershed HUC# (if known) 120402040300,120402040200,120402040400,120402040500

Drainage area (Square miles, est.) 211

Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 93,583

# of structures 21,858

Critical facilities 509

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 261

Roadway(s) impacted (length) 409

Number of low water crossings 0

Historical road closures

0

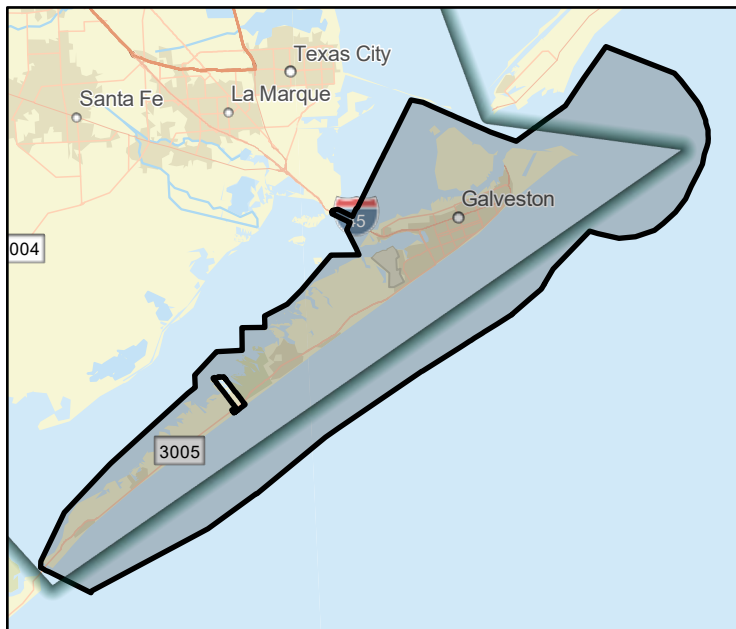
## Estimated Cost and Funding Availability

Total Cost \$3,500,000

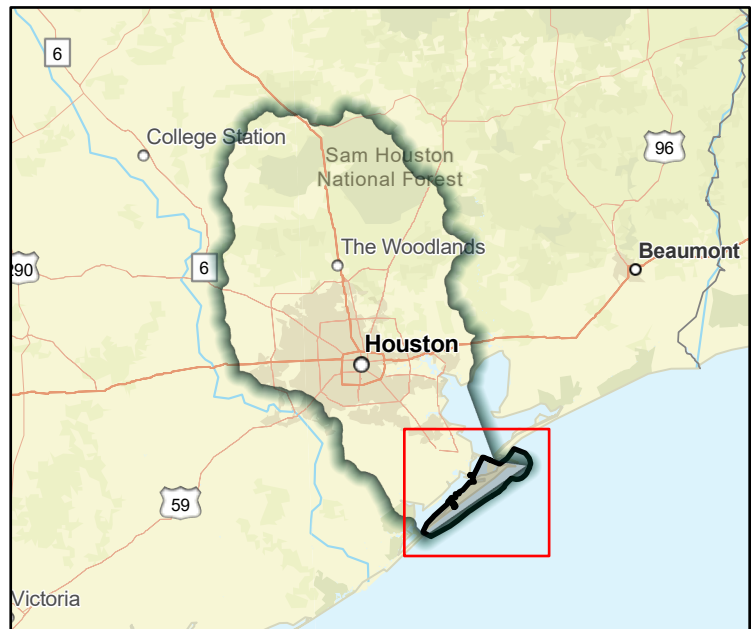
Amount of Available Funding -

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 City of Galveston Dune Restoration

ID# 061000071

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

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

Study description Study of dune system to determine needs and flood damage reduction potential of restoration.

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

County Galveston Watershed HUC# (if known) 120402040300,120402040200,120402040400,120402040500

Drainage area (Square miles, est.) 211 Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 93,583 # of structures 21,858 Critical facilities 509

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

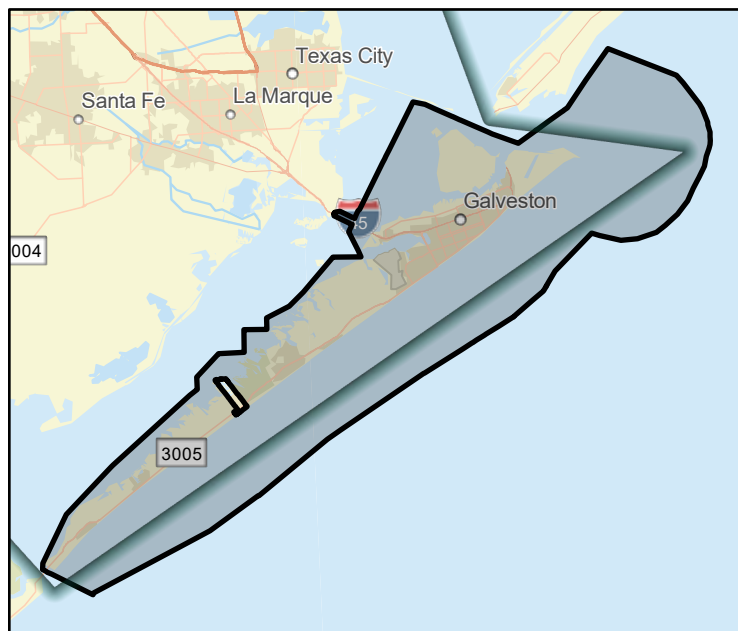
Farm/Ranch land impacted (acres) 261 Roadway(s) impacted (length) 409

Number of low water crossings 0 Historical road closures 0

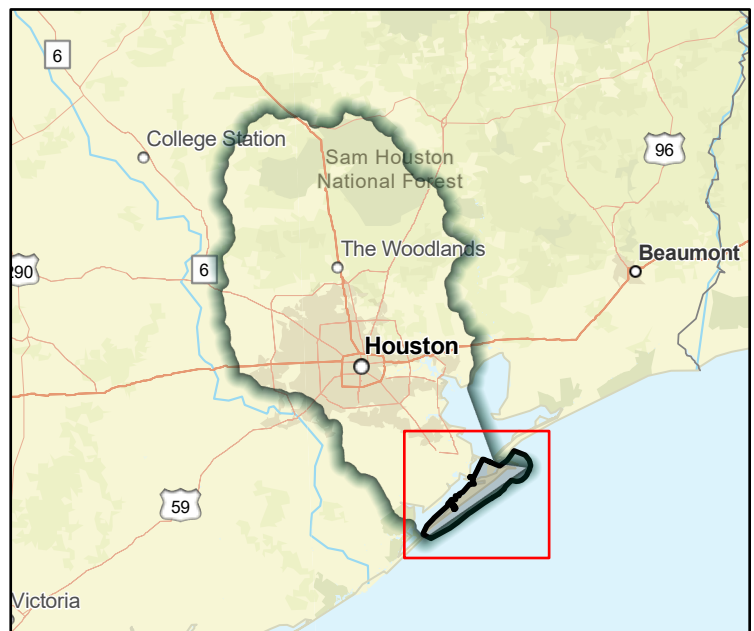
## Estimated Cost and Funding Availability

Total Cost \$150,000 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 City of Galveston Master Drainage Study

ID# 061000011

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

RFPG recommend? -

Reason for Recommendation -

## Study Details

Study type Watershed Planning

Study description City wide drainage and flood risk reduction planning study of Galveston to include Atlas 14 rainfall.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Galveston

Watershed HUC# (if known) 120402040300,120402040200,120402040400,120402040500

Drainage area (Square miles, est.) 211

Goal(s) 06000001,06000010,06000015

## 100-Year Flood Risk Summary

Population at risk 93,583

# of structures 21,858

Critical facilities 509

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 261

Roadway(s) impacted (length) 409

Number of low water crossings 0

Historical road closures

0

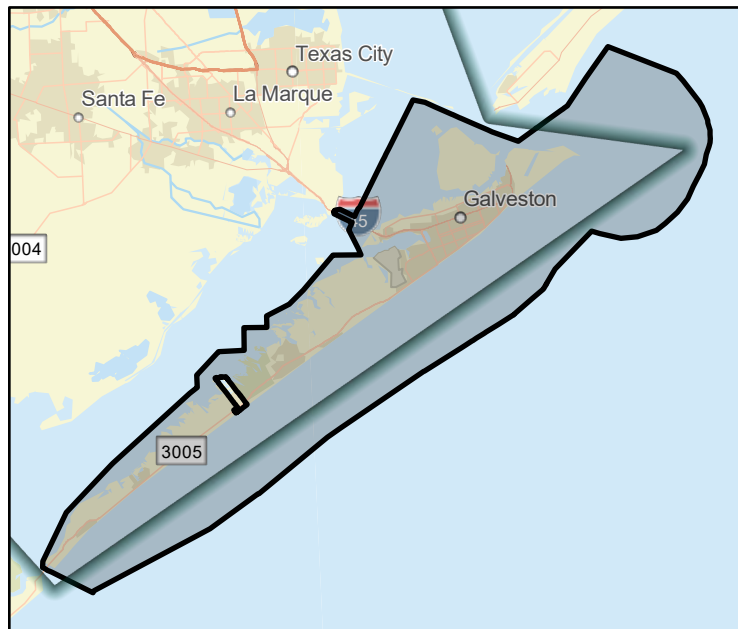
## Estimated Cost and Funding Availability

Total Cost \$800,000

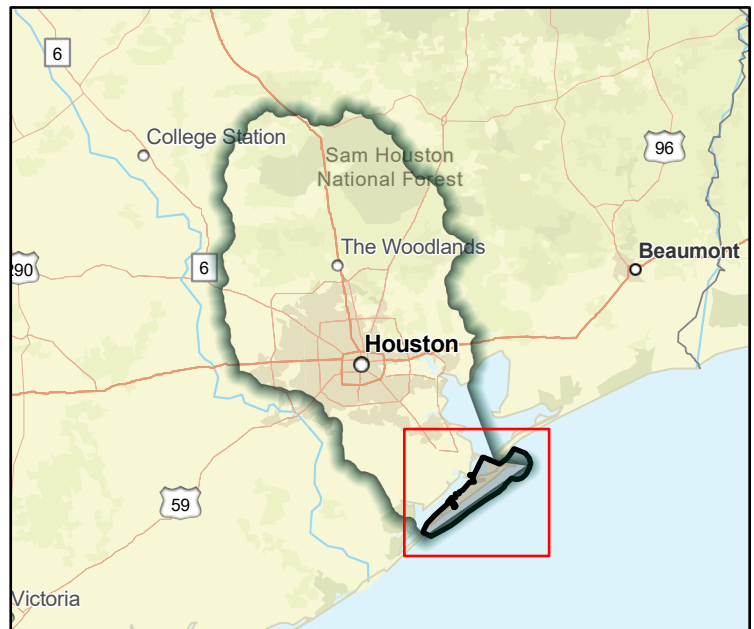
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title City of Galveston Shoreline Protection

ID# 061000069

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 a proposed shoreline protection for areas prone to coastal erosion.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Galveston

Watershed HUC# (if known) 120402040300,120402040200,120402040400,120402040500

Drainage area (Square miles, est.) 211

Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 93,583

# of structures 21,858

Critical facilities 509

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 261

Roadway(s) impacted (length) 409

Number of low water crossings 0

Historical road closures

0

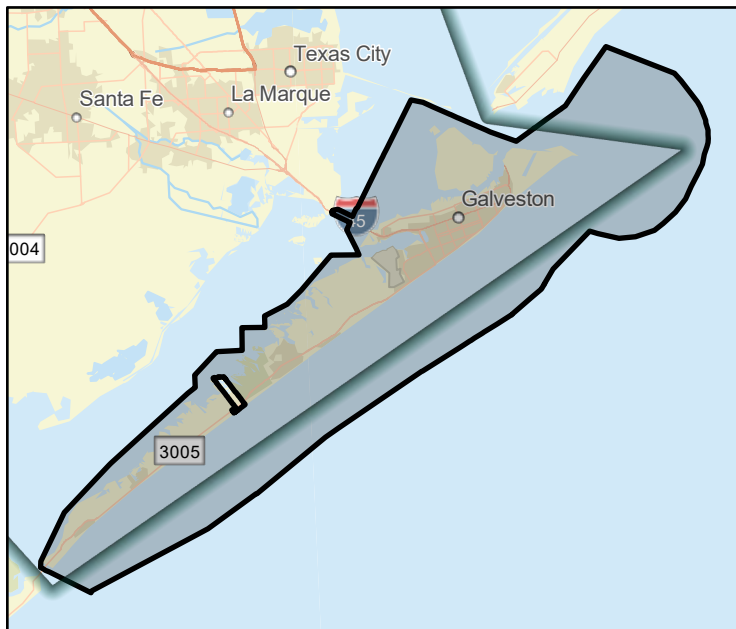
## Estimated Cost and Funding Availability

Total Cost \$50,000

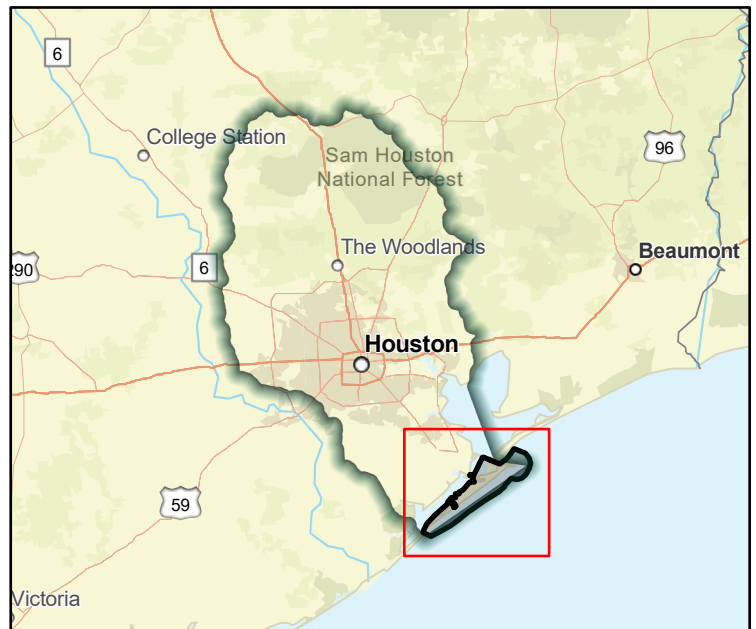
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **City of Hedwig Village Master Drainage Plan**

ID# **061000241**

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

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

## Study Details

Study type **Project Planning**

Study description **Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall**

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

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

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

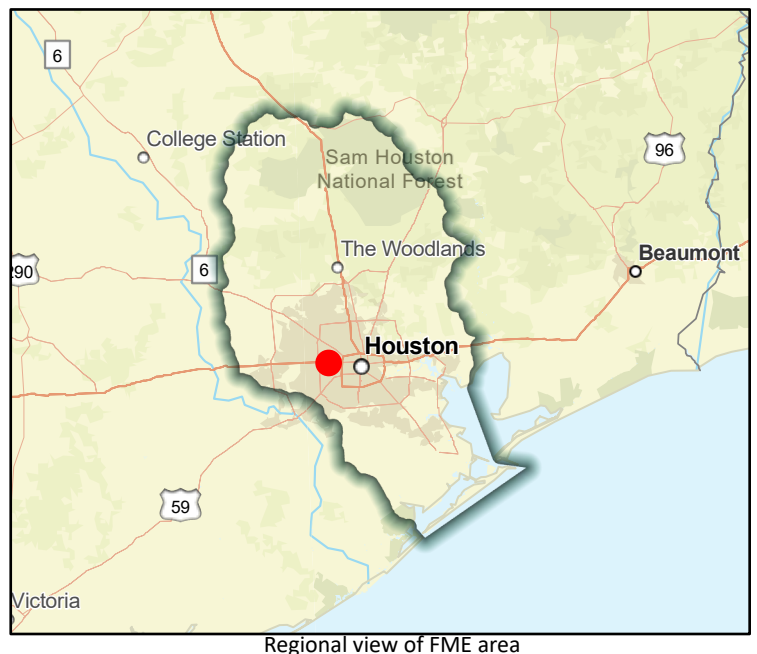
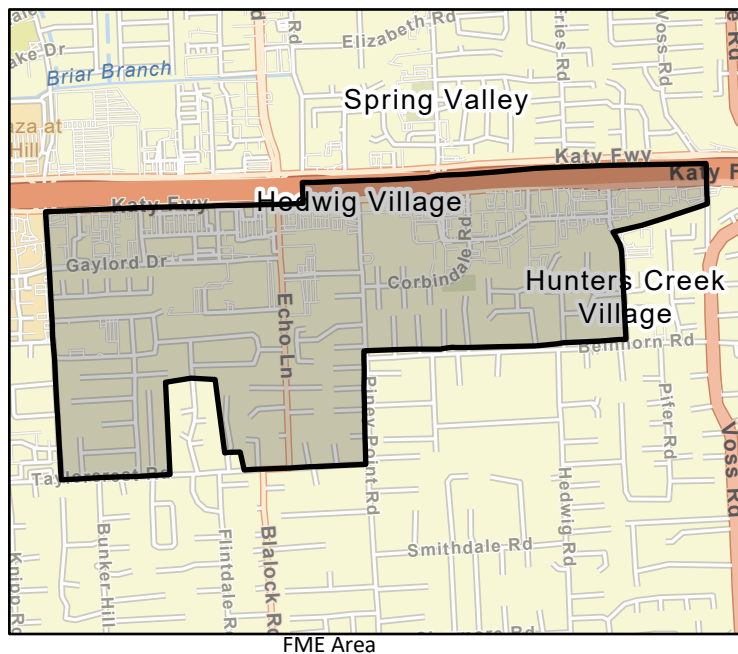
Farm/Ranch land impacted (acres) **-** Roadway(s) impacted (length) **-**

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

## Estimated Cost and Funding Availability

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

Funding source **-**



# Flood Management Evaluation (FME)



Title **City of Hillcrest Master Drainage Plan**

ID# **061000242**

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

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

## Study Details

Study type **Project Planning**

Study description **Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall**

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

County **Brazoria** Watershed HUC# (if known) **120402040400**

Drainage area (Square miles, est.) **0** Goal(s) **06000001,06000011,06000012,06000015**

## 100-Year Flood Risk Summary

Population at risk **333** # of structures **128** Critical facilities **1**

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

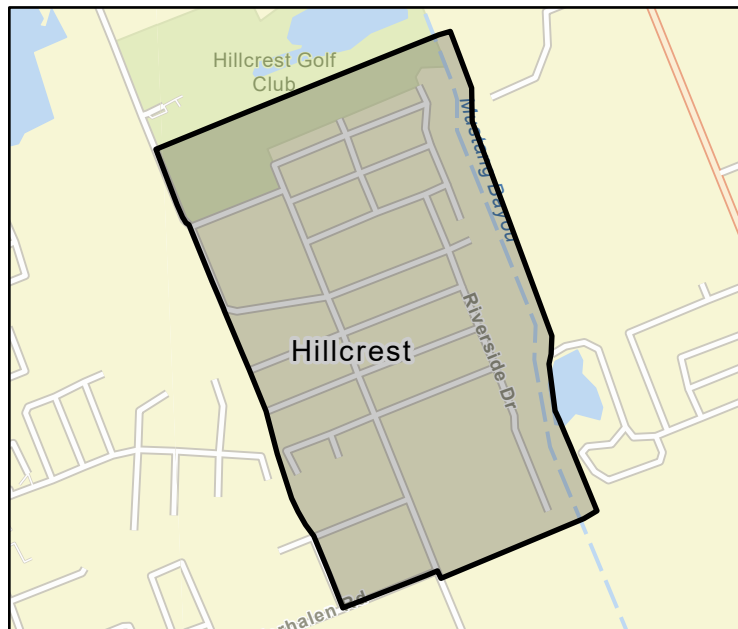
Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (length) **2**

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

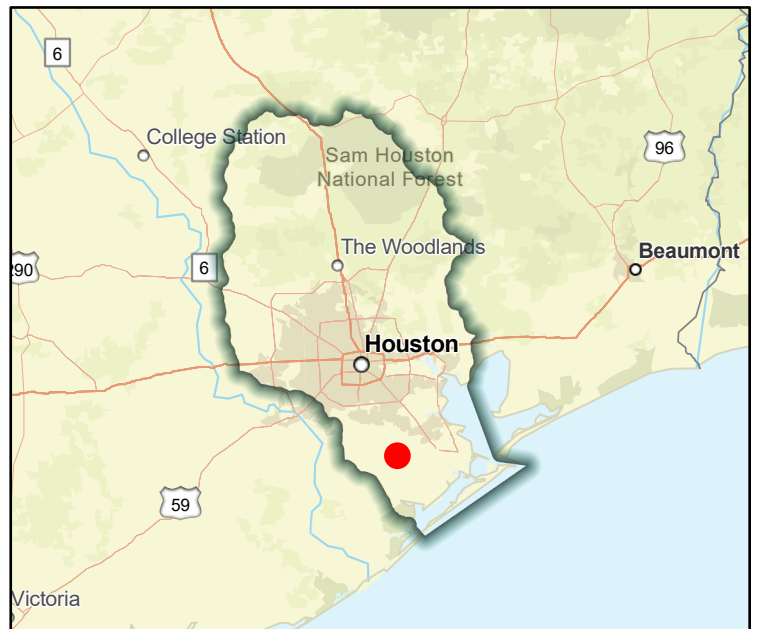
## Estimated Cost and Funding Availability

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

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

Title City of Hillcrest Village Drainage Improvements

ID# 061000049

Sponsor (name of entity, not person) Hillcrest Village (Municipality)

RFPG recommend? -

Reason for Recommendation -



SAN JACINTO REGIONAL FLOOD PLANNING GROUP  
**REGION 6**

## Study Details

Study type Project Planning

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

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Brazoria

Watershed HUC# (if known) 120402040400

Drainage area (Square miles, est.) 0

Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 333

# of structures 128

Critical facilities 1

Flood risk type: Riverine? Yes

Coastal? Yes

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 0

Roadway(s) impacted (length) 2

Number of low water crossings 0

Historical road closures 0

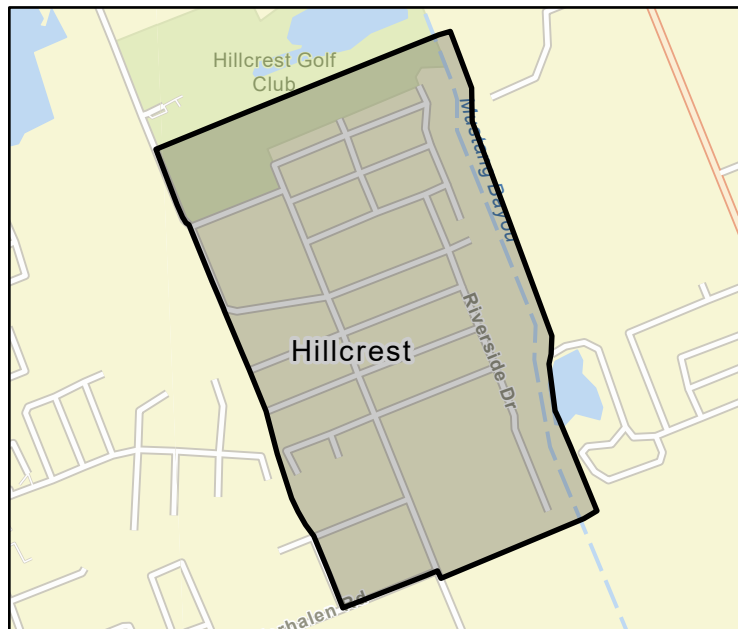
## Estimated Cost and Funding Availability

Total Cost \$50,000

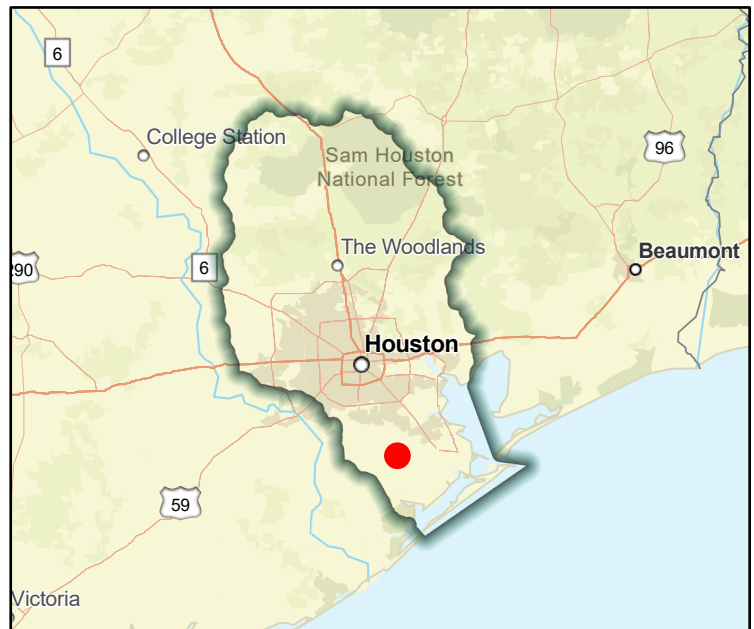
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title City of Hillcrest Village Engineering Survey

ID# 061000072

Sponsor (name of entity, not person) Hillcrest Village (Municipality)

RFPG recommend? - Reason for Recommendation -

## Study Details

Study type Project Planning

Study description Conduct an engineering assessment to establish proper drainage for 24 hHomes located in the high risk flood Zone.

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

County Brazoria Watershed HUC# (if known) 120402040400

Drainage area (Square miles, est.) 0 Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 333 # of structures 128 Critical facilities 1

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

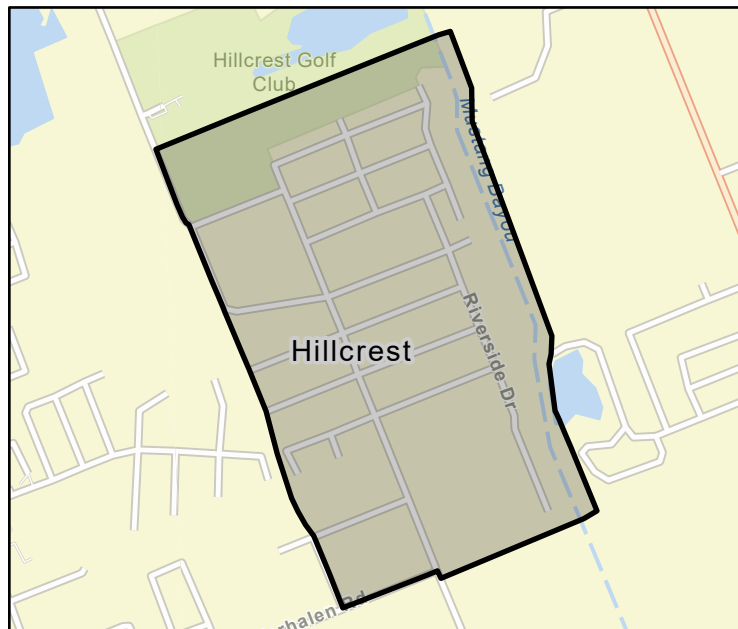
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 2

Number of low water crossings 0 Historical road closures 0

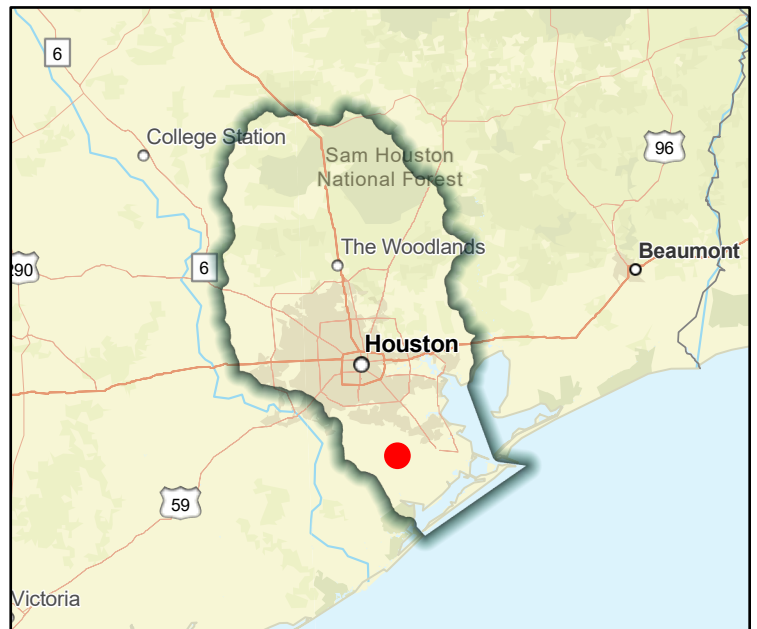
## Estimated Cost and Funding Availability

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

Funding source -



FME Area



Regional view of FME area



# Flood Management Evaluation (FME)



Title City of Hilshire Village Master Drainage Plan

ID# 061000243

Sponsor (name of entity, not person) Hilshire Village (Municipality)

RFPG recommend? -

Reason for Recommendation -

## Study Details

Study type Project Planning

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

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Harris

Watershed HUC# (if known) 120401040303

Drainage area (Square miles, est.) 0

Goal(s) 06000001,06000011,06000012,06000015

## 100-Year Flood Risk Summary

Population at risk 3

# of structures 1

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 0

Historical road closures 0

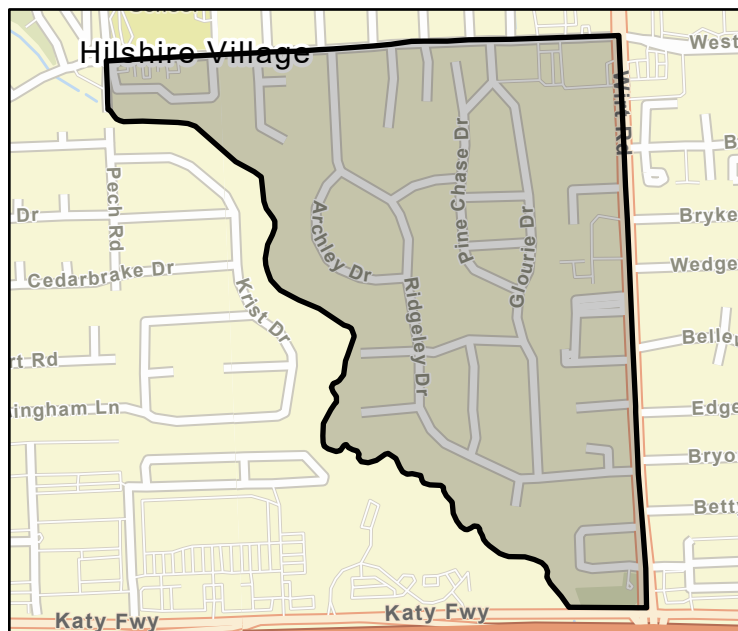
## Estimated Cost and Funding Availability

Total Cost \$100,000

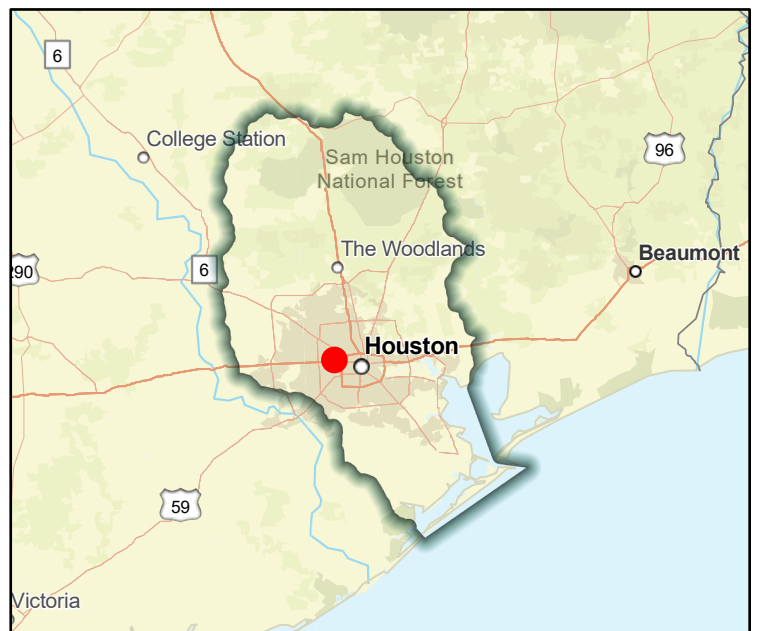
Amount of Available Funding -

Federal funding availability -

Funding source -



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)



Title **City of Hitchcock Master Drainage Plan**

ID# **061000244**

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

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

## Study Details

Study type **Project Planning**

Study description **Study to develop Master Drainage Plan using future and existing land use and flood/storm water drainage needs including Atlas 14 rainfall**

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

County **Brazoria, Galveston** Watershed HUC# (if known) **120402040300, 120402040200**

Drainage area (Square miles, est.) **91** Goal(s) **06000001, 06000011, 06000012, 06000015**

## 100-Year Flood Risk Summary

Population at risk **6,415** # of structures **2,655** Critical facilities **12**

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

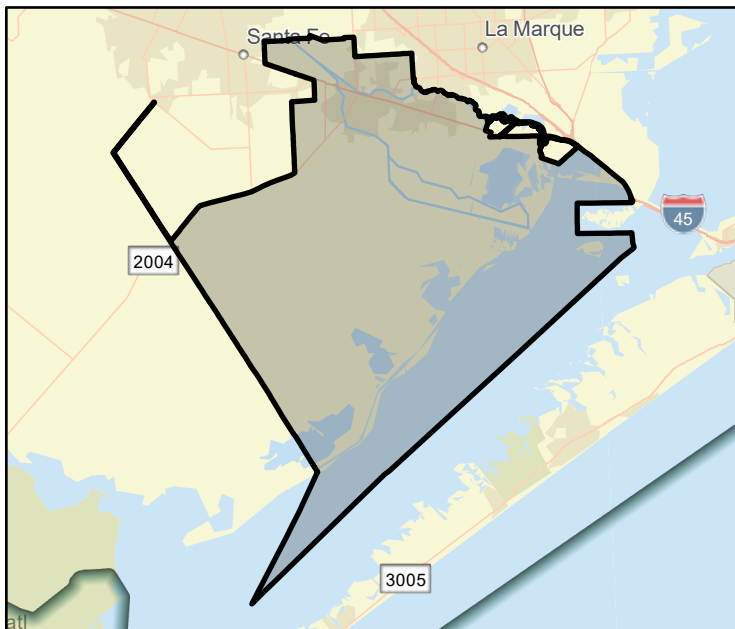
Farm/Ranch land impacted (acres) **884** Roadway(s) impacted (length) **73**

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

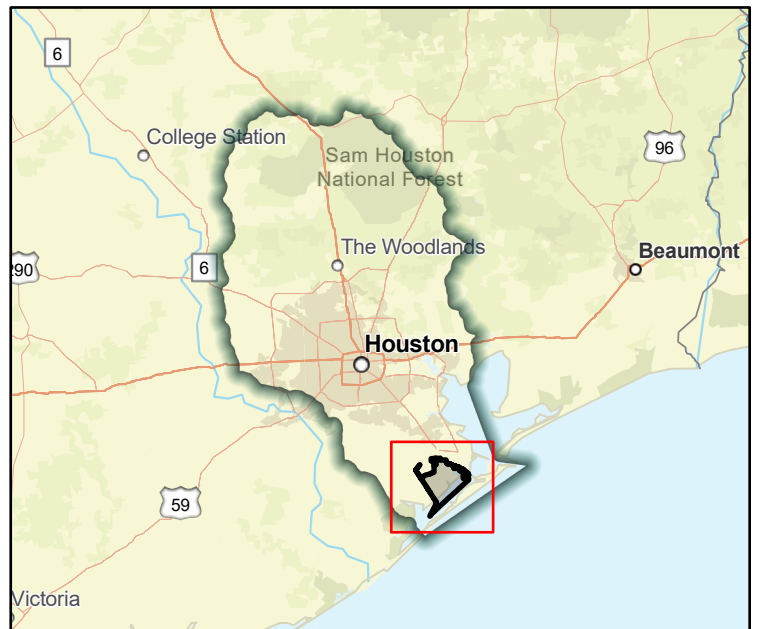
## Estimated Cost and Funding Availability

Total Cost **\$1,600,000** Amount of Available Funding **-** Federal funding availability **-**

Funding source **-**



FME Area



Regional view of FME area

# Flood Management Evaluation (FME)

Title City of Humble Master Drainage Plan

ID# 061000246

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

RFPG recommend? - Reason for Recommendation -



## Study Details

Study type Project Planning

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

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

County Harris Watershed HUC# (if known) 120401010501,120401020213,120401040602

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

## 100-Year Flood Risk Summary

Population at risk 4,566 # of structures 652 Critical facilities 5

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

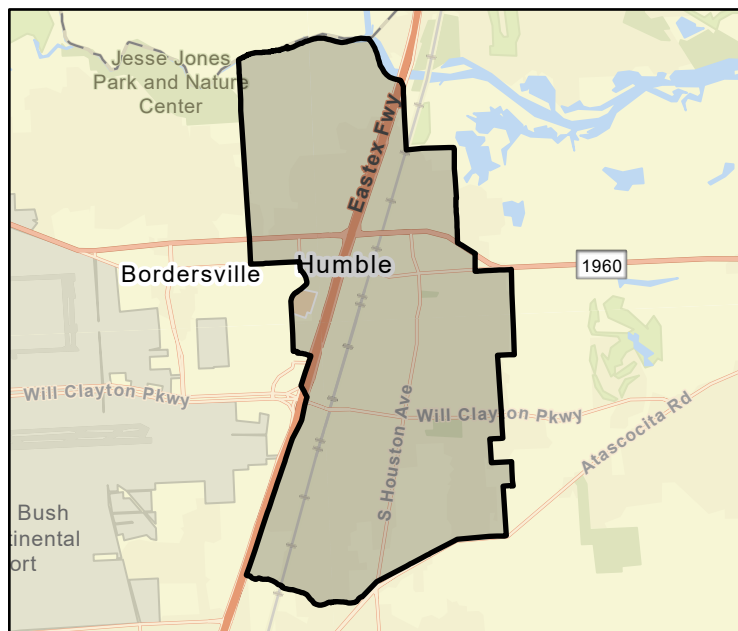
Farm/Ranch land impacted (acres) 25 Roadway(s) impacted (length) 17

Number of low water crossings 1 Historical road closures 1

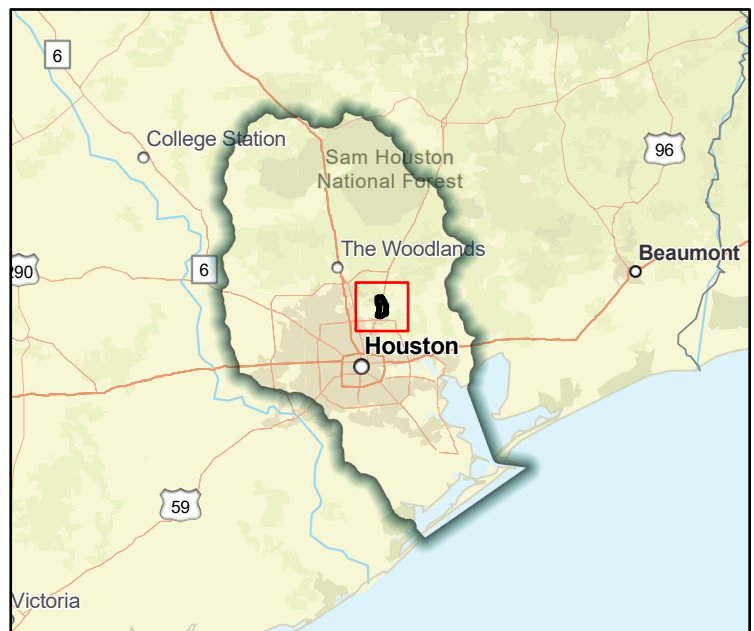
## Estimated Cost and Funding Availability

Total Cost \$200,000 Amount of Available Funding - Federal funding availability -

Funding source -



FME Area



Regional view of FME area