

Flood Management Evaluation (FME)



Title Willow Creek Watershed Plan- FM2920 Stormwater Detention Basin

ID# 061000340

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. Proposed 826 acre-feet detention basin located near FM 2920 crossing of Willow Creek

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

County Harris Watershed HUC# (if known) 120401020106,120401020105,120401020210

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

100-Year Flood Risk Summary

Population at risk 2,443 # of structures 828 Critical facilities 6

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

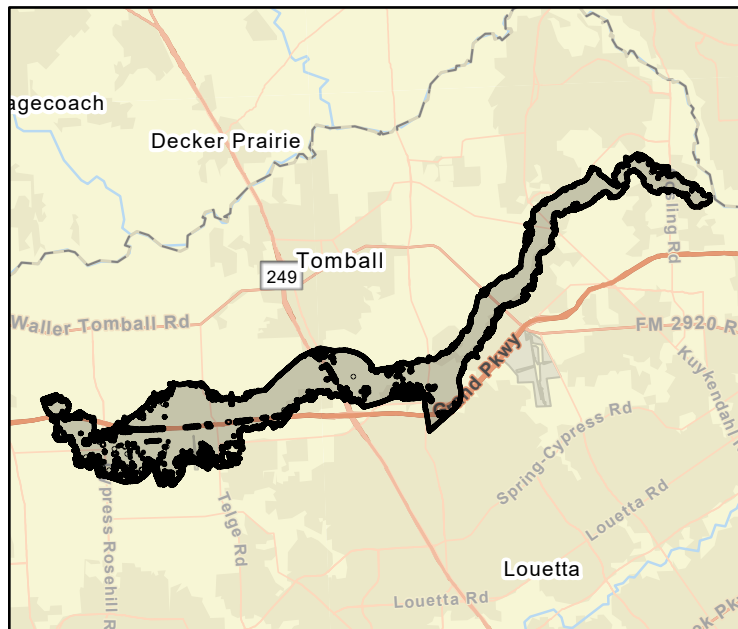
Farm/Ranch land impacted (acres) 56 Roadway(s) impacted (length) 25

Number of low water crossings 5 Historical road closures 5

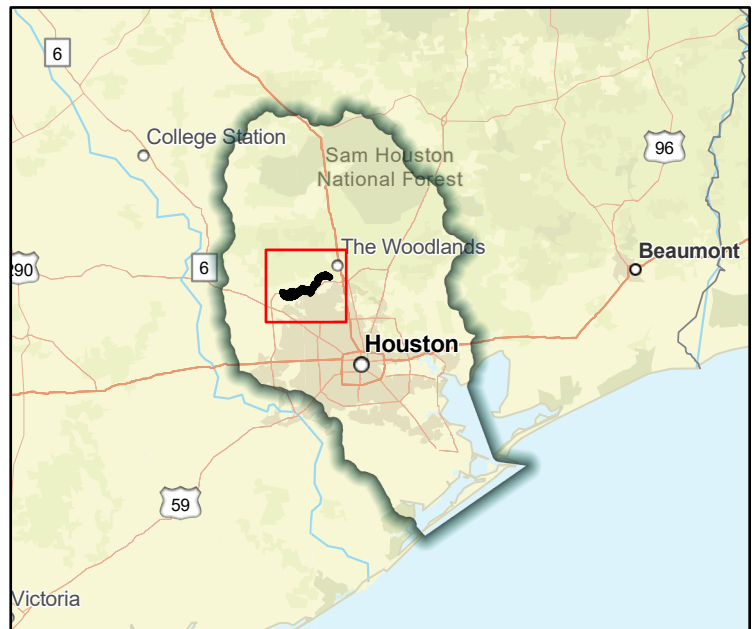
Estimated Cost and Funding Availability

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

Funding source Harris County



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Willow Creek Watershed Plan- M121 Basin Stormwater Detention Basin

ID# 061000342

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. Proposed 1010 acre-feet detention basin located near M121 tributary

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

County Harris Watershed HUC# (if known) 120401020106,120401020105,120401020210

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

100-Year Flood Risk Summary

Population at risk 2,443 # of structures 828 Critical facilities 6

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

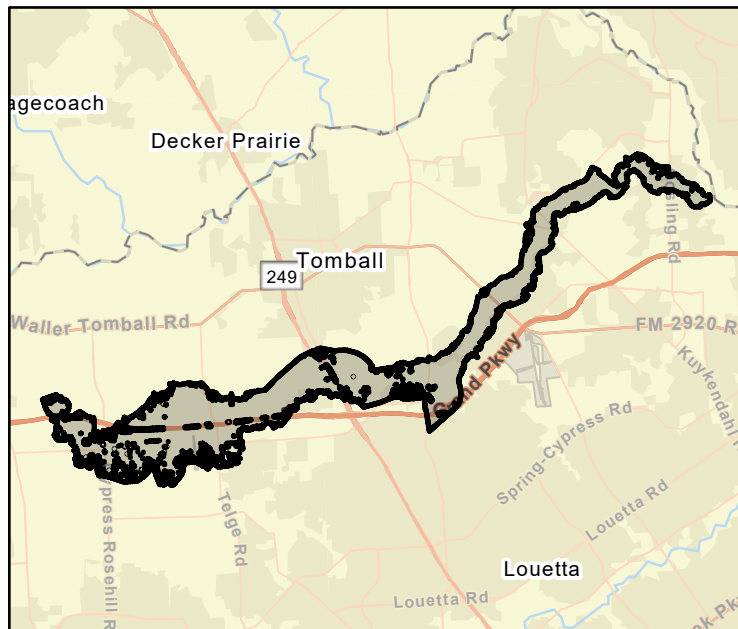
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Number of low water crossings 5 Historical road closures 5

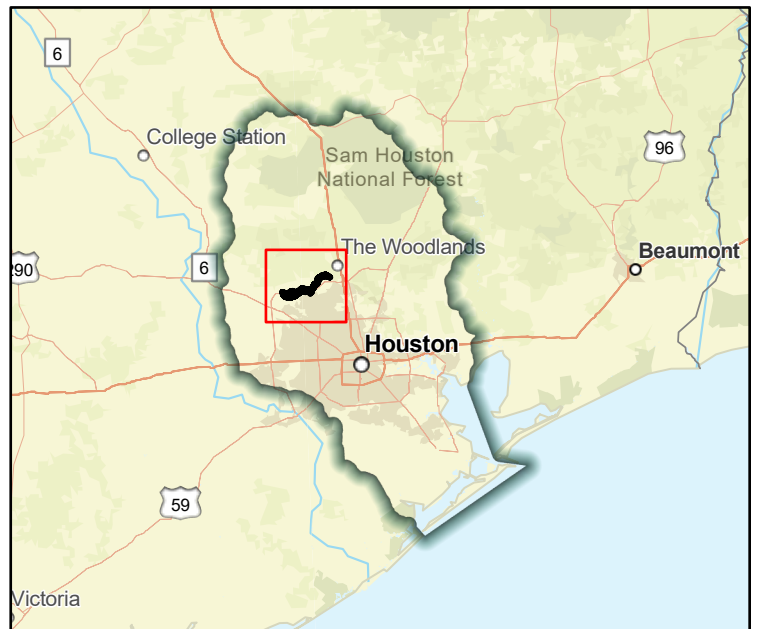
Estimated Cost and Funding Availability

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 Willow Creek Watershed Plan- Immediate: Selective Clearing BNRR to Mouth

ID# 061000338

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. Selective clearing from BNRR to mouth to increase riverine storm water conveyance, maintain tree canopy & veg. diversity, minimize impact on riparian & uplands habitats.

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

County Harris Watershed HUC# (if known) 120401020106,120401020105,120401020210

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

100-Year Flood Risk Summary

Population at risk 2,443 # of structures 828 Critical facilities 6

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

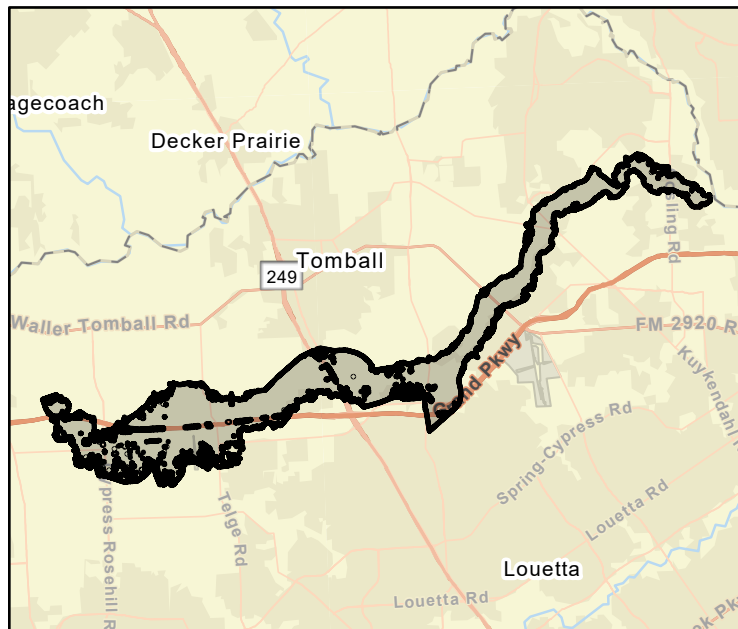
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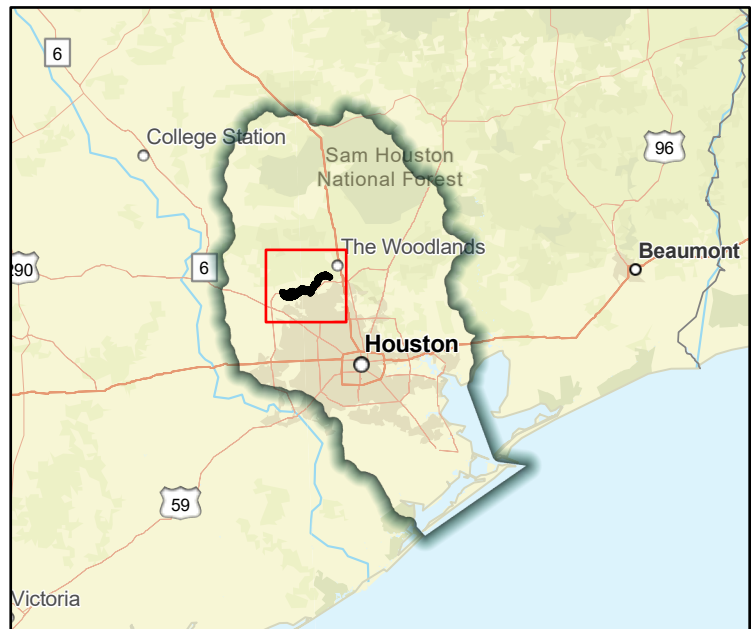
Estimated Cost and Funding Availability

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

Funding source 2018 Bond Fund



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



Title Willow Creek Watershed Plan- Kuykendahl Basin

ID# 061000341

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. Proposed 727 acre-feet detention basin located near Kuykendahl Road crossing of Willow Creek

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

County Harris Watershed HUC# (if known) 120401020106,120401020105,120401020210

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

100-Year Flood Risk Summary

Population at risk 2,443 # of structures 828 Critical facilities 6

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

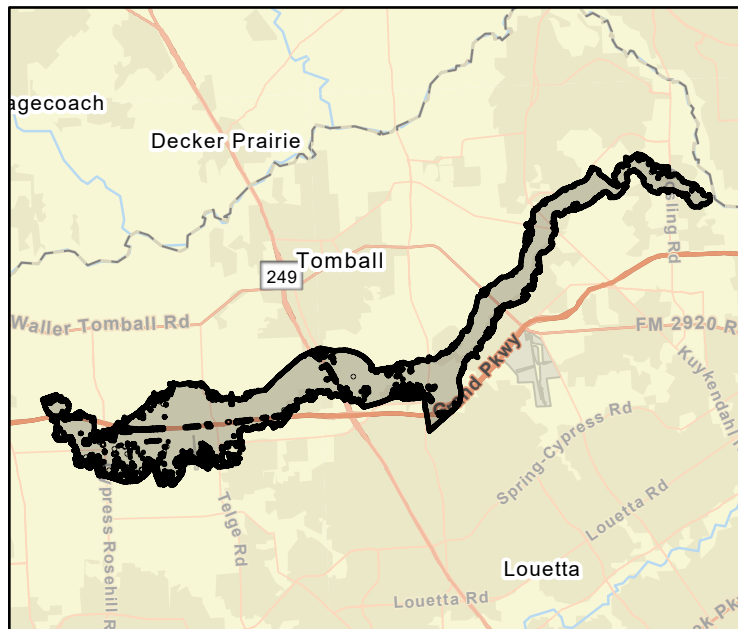
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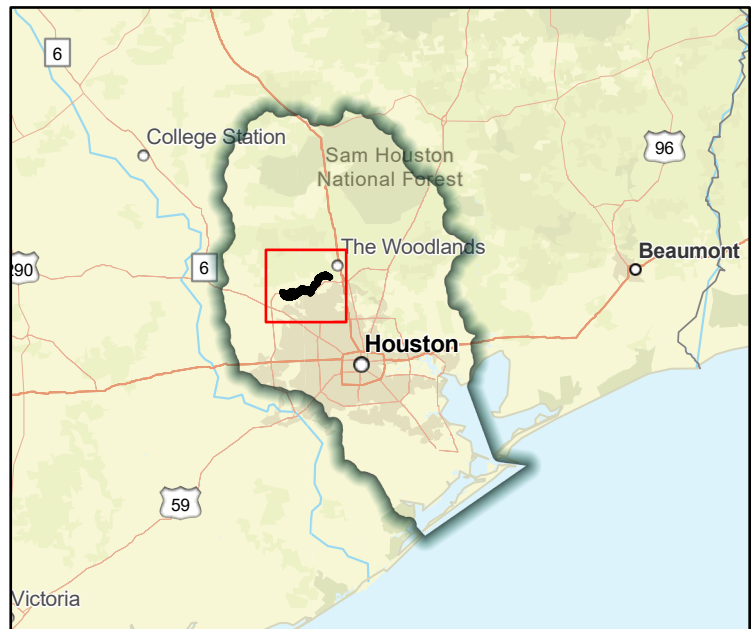
Estimated Cost and Funding Availability

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

Funding source Harris County



FME Area



Regional view of FME area

Flood Management Evaluation (FME)



SAN JACINTO REGIONAL FLOOD PLANNING GROUP
REGION 6

Title Willow Creek Watershed Plan - M120 Detention/Preservation Site

ID# 061000339

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 BCA to become a FMP. Pursue purchase of property for regional detention, floodplain preservation, & habitat preservation.

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Harris

Watershed HUC# (if known) 120401020106,120401020105,120401020210

Drainage area (Square miles, est.) 11

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 2,443

of structures 828

Critical facilities 6

Flood risk type: Riverine? Yes

Coastal? No

Local? No

Playa? No

Other? No

Farm/Ranch land impacted (acres) 56

Roadway(s) impacted (length) 25

Number of low water crossings 5

Historical road closures 5

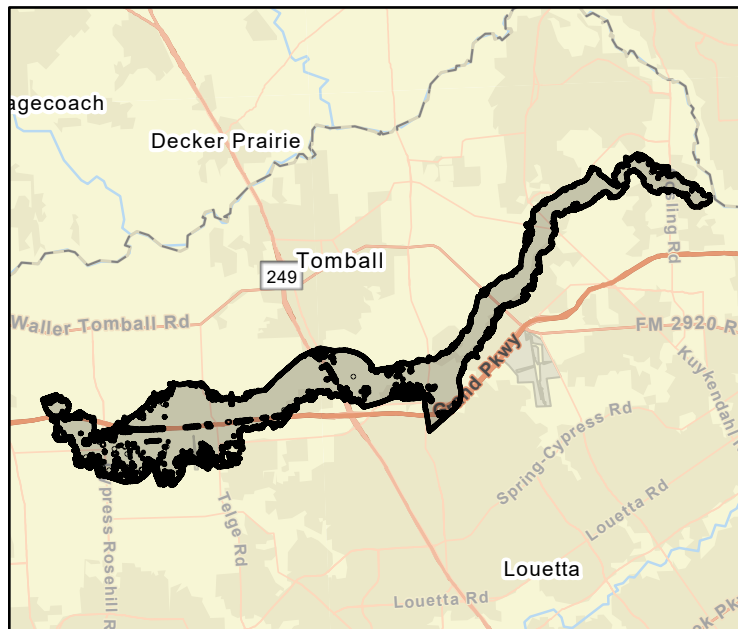
Estimated Cost and Funding Availability

Total Cost \$30,000

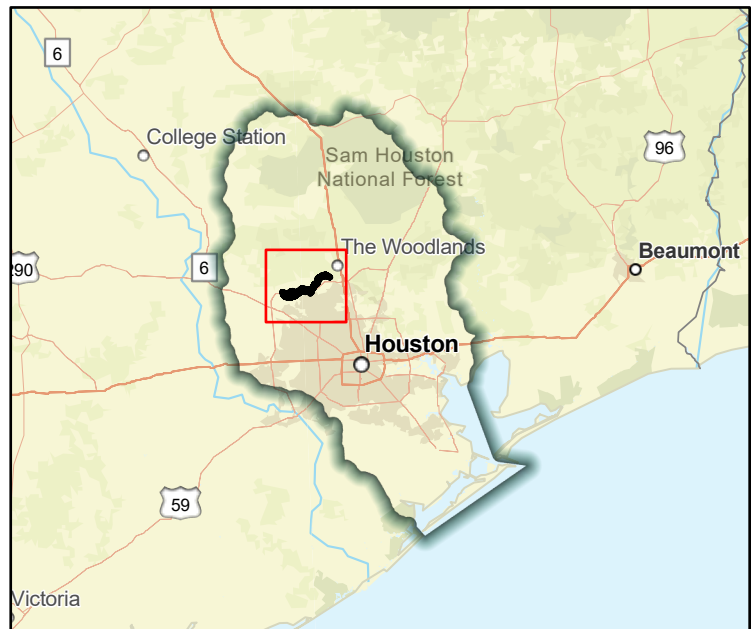
Amount of Available Funding -

Federal funding availability -

Funding source 2018 Bond Fund



FME Area



Regional view of FME area