Flood Management Evaluation (FME)

**Title:** 51st Street Drainage Basin Pump Station Project

**ID:** 061000541

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

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

**Study Details**

**Study type:** Project Planning

**Study description:** The project includes evaluation of storm drainage improvements including a pump station at 51st Street and Harborside that will help reduce flooding in the project area and the surrounding areas.

**New Hydrologic or Hydraulic model?** -  **Emergency Need?** No  **Existing/Anticipated models in near term?** -  **County:** Galveston  **Watershed HUC# (if known)** -  **Drainage area (Square miles, est.)** -  **Goal(s)** -

**100-Year Flood Risk Summary**

**Population at risk:** 6,139  **# of structures:** 1,900  **Critical facilities:** 22

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

**Farm/Ranch land impacted (acres):** -  **Roadway(s) impacted (length):** 26  **Historical road closures:** 0

**Estimated Cost and Funding Availability**

**Total Cost:** $9,000,000  **Amount of Available Funding:** -  **Federal funding availability:** -

**Funding source:** -

---

**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

Title: Addicks Reservoir - Neighborhood Future Floodplain Analysis

ID#: 061000501

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

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified though MAAPNext and best available data for the development of flood mitigation projects for Addicks Reservoir watershed.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Harris, Waller

Watershed HUC#: -

Drainage area (Square miles, est.): -

Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 8,182

# of structures: 3,746

Critical facilities: 52

Flood type:

Riverine?: Yes

Coastal?: No

Local?: Yes

Playa?: No

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
### Study Details

**Title:** Addicks Reservoir Local Drainage Study  
**ID#:** 061000527  
**Sponsor:** Harris (County)  
**RFPG recommend?** -  
**Reason for Recommendation** -

**Study type:** Watershed Planning  
**Study description:** The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Addicks Reservoir watershed.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
<th>Emergency Need?</th>
<th>No</th>
<th>Existing/Anticipated models in near term?</th>
<th>-</th>
<th>County</th>
<th>Harris, Waller</th>
<th>Watershed HUC# (if known)</th>
<th>-</th>
<th>Drainage area (Square miles, est.)</th>
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<th>Goal(s)</th>
<th>06000015</th>
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</table>

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>8,182</th>
<th># of structures</th>
<th>3,746</th>
<th>Critical facilities</th>
<th>52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood risk type:</td>
<td></td>
<td>Coastal?</td>
<td>No</td>
<td>Local?</td>
<td>Yes</td>
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<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>1,607</td>
<td>Roadway(s) impacted (length)</td>
<td>114</td>
<td></td>
<td></td>
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<tr>
<td>Number of low water crossings</td>
<td>0</td>
<td>Historical road closures</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Estimated Cost and Funding Availability

| Total Cost | $1,000,000 | Amount of Available Funding | - | Federal funding availability | - | Funding source | - |

---

**Flood Management Evaluation (FME)**

**Title:** Addicks Reservoir Local Drainage Study  
**ID#:** 061000527  
**Sponsor:** Harris (County)  
**RFPG recommend?** -  
**Reason for Recommendation** -

**Study type:** Watershed Planning  
**Study description:** The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Addicks Reservoir watershed.

**County:** Harris, Waller  
**Watershed HUC# (if known):** 06000015  
**Drainage area (Square miles, est.):** -  
**New Hydrologic or Hydraulic model?:** -  
**Emergency Need?:** No  
**Existing/Anticipated models in near term?:** -  
**Watershed Planning:** The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Addicks Reservoir watershed.

**Flood risk type:** Riverine? Yes  
Coastal? No  
Local? Yes  
Playa? No  
Other? Yes  
Roadway(s) impacted (length): 114  
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**
Title: Armand Bayou - Neighborhood Future Floodplain Analysis

ID#: 061000502

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

RFPG recommend?: -  Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified though MAAPNext and best available data for the development of flood mitigation projects for Armand Bayou watershed.

New Hydrologic or Hydraulic model?: -  Emergency Need?: No  Existing/Anticipated models in near term?: -

County: Harris  Watershed HUC#: (if known): -

Drainage area (Square miles, est.): -  Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 12,810  # of structures: 2,946  Critical facilities: 52

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

Farm/Ranch land impacted (acres): 44  Roadway(s) impacted (length): 62

Number of low water crossings: 4  Historical road closures: 4

Estimated Cost and Funding Availability

Total Cost: $1,000,000  Amount of Available Funding: -  Federal funding availability: -

Funding source: -
# Flood Management Evaluation (FME)

**Title:** Barker Reservoir - Neighborhood Future Floodplain Analysis

**ID:** 061000503

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

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

## Study Details

**Study type:** Watershed Planning

**Study description:** Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Barkers Reservoir watershed.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>Emergency Need?</th>
<th>Existing/Anticipated models in near term?</th>
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</thead>
<tbody>
<tr>
<td>-</td>
<td>No</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>Watershed UHC# (if known)</th>
<th>Goal(s)</th>
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<tbody>
<tr>
<td>Harris, Waller, Fort Bend</td>
<td>06000010, 06000015</td>
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</table>

## 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
<th>Flood risk type:</th>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Number of low water crossings</th>
<th>Historical road closures</th>
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<tbody>
<tr>
<td>2,598</td>
<td>1,051</td>
<td>11</td>
<td>Riverine?</td>
<td>753</td>
<td>34</td>
<td>5</td>
<td>5</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Coastal? No</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Local? Yes</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Playa? No</td>
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## Estimated Cost and Funding Availability

<table>
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<th>Federal funding availability</th>
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<tbody>
<tr>
<td>$1,000,000</td>
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</tbody>
</table>

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**FME Area**

**Regional view of FME area**
### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Watershed Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Barker Reservoir watershed.</td>
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<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
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<th>Emergency Need?</th>
<th>No</th>
<th>Existing/Anticipated models in near term?</th>
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</thead>
<tbody>
<tr>
<td>County</td>
<td>Harris, Fort Bend, Waller</td>
<td>Watershed HUC# (if known)</td>
<td>-</td>
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<td></td>
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<tr>
<td>Drainage area (Square miles, est.)</td>
<td>-</td>
<td>Goal(s)</td>
<td>06000015</td>
<td></td>
<td></td>
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</table>

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>2,598</th>
<th># of structures</th>
<th>1,051</th>
<th>Critical facilities</th>
<th>11</th>
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</thead>
<tbody>
<tr>
<td>Flood risk type:</td>
<td>Riverine?</td>
<td>Yes</td>
<td>Coastal?</td>
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<td>Local?</td>
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<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>753</td>
<td>Roadway(s) impacted (length)</td>
<td>34</td>
<td></td>
<td></td>
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<tr>
<td>Number of low water crossings</td>
<td>5</td>
<td>Historical road closures</td>
<td>5</td>
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### Estimated Cost and Funding Availability

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<tbody>
<tr>
<td>Funding source</td>
<td>-</td>
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Flood Management Evaluation (FME)

**Title:** Benson Bayou Regional Mitigation Conveyance & Detention Pond Project

**ID #:** 061000546

**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 regrading of Benson Bayou and tributaries along with a regional mitigation pond and reconstruction of road crossings and existing outfall structures.

**New Hydrologic or Hydraulic model?** -

**Emergency Need?** No

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

**County:** Galveston

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

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

**Goal(s)** -

### 100-Year Flood Risk Summary

**Population at risk** 901

**# of structures** 307

**Critical facilities** 0

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

**Farm/Ranch land impacted (acres)** 7

**Roadway(s) impacted (length)** 7

**Number of low water crossings** 0

**Historical road closures** 0

### Estimated Cost and Funding Availability

**Total Cost** $5,000,000

**Amount of Available Funding** -

**Federal funding availability** -

**Funding source** -

---

**Regional view of FME area**

- **League City**
- **Dickinson**

- **FME Area**
**Flood Management Evaluation (FME)**

**Title**  
Brays Bayou - Neighborhood Future Floodplain Analysis

**ID#**  
061000504

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

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

### Study Details

**Study type**  
Watershed Planning

**Study description**  
Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Brays Bayou watershed.

**New Hydrologic or Hydraulic model?**  
-  
**Emergency Need?**  
No  
**Existing/Anticipated models in near term?**  
-

**County**  
Harris, Fort Bend

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

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

**Goal(s)**  
06000010, 06000015

### 100-Year Flood Risk Summary

**Population at risk**  
216,118

**# of structures**  
40,914

**Critical facilities**  
545

**Flood type:**  
Riverine? Yes  
Coastal? No  
Local? Yes  
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**  
-

---

[Map of FME Area]

[Regional view of FME area]
Flood Management Evaluation (FME)

Title: Brays Bayou Local Drainage Study

ID# 061000534

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

RFPG recommend? -

Reason for Recommendation -

Study Details

Study type: Watershed Planning

Study description: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Brays Bayou watershed.

County Harris, Fort Bend

Watershed HUC# (if known) -

Drainage area (Square miles, est.) -

Goal(s) 06000015

100-Year Flood Risk Summary

Population at risk 216,118

# of structures 40,914

Critical facilities 545

Flood risk type:
Riverine? Yes
Coastal? No
Local? Yes
Playa? 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 -
### Flood Management Evaluation (FME)

#### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Project Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>Further analysis to become a FMP. This project includes proposed storm sewer improvements to bring the area to accordance with the City of Baytown drainage criteria. Detention is also proposed to mitigate for impacts from increased flow.</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
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<tbody>
<tr>
<td>Emergency Need?</td>
<td>No</td>
</tr>
<tr>
<td>Existing/Anticipated models in near term?</td>
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<td>Drainage area (Square miles, est.)</td>
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<tr>
<td>Goal(s)</td>
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</table>

#### 100-Year Flood Risk Summary

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<tr>
<th>Population at risk</th>
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<tbody>
<tr>
<td>Flood risk type:</td>
<td>Riverine?</td>
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<td>Coastal?</td>
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<td>Local?</td>
</tr>
<tr>
<td></td>
<td>Playa?</td>
</tr>
<tr>
<td></td>
<td>Other?</td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>-</td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>-</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>-</td>
</tr>
<tr>
<td>Historical road closures</td>
<td>-</td>
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</tbody>
</table>

#### Estimated Cost and Funding Availability

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

---

**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

**Title:** Brookshire-Katy Drainage District Watershed Study

**ID:** 061000556

**Sponsor (name of entity, not person):** Brookshire Katy Drainage District

**Sponsor (person):**

**RFPG recommend?** -

**Reason for Recommendation** -

### Study Details

**Study type**

**Study description:** Project Planning

Study to expand on the recently completed existing conditions model assessment. Conduct a needs assessment and identify mitigation solutions (FMPs) to be incorporated into the flood plan.

- **New Hydrologic or Hydraulic model?** No
- **Emergency Need?** No
- **Existing/Anticipated models in near term?** Yes
- **County:** Waller
- **Watershed HUC# (if known):** -
- **Drainage area (Square miles, est.):** -
- **Goal(s):** 06000001, 06000011, 06000012, 06000015

### 100-Year Flood Risk Summary

- **Population at risk:** 594
- **# of structures:** 217
- **Critical facilities:** 2

<table>
<thead>
<tr>
<th>Flood risk type</th>
<th>Riverine?</th>
<th>Coastal?</th>
<th>Local?</th>
<th>Playa?</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
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<tr>
<td>Riverine?</td>
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<td>No</td>
<td>Yes</td>
<td>No</td>
<td>7</td>
<td>2</td>
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<tr>
<td>Coastal?</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>Other?</td>
<td>Yes</td>
<td></td>
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</tbody>
</table>

**Farm/Ranch land impacted (acres):** 522

**Number of low water crossings:** 2

### Estimated Cost and Funding Availability

- **Total Cost:** $500,000
- **Amount of Available Funding:** -
- **Federal funding availability:** Yes
- **Funding source:** -

[Maps showing FME Area and Regional view of FME area]
**Flood Management Evaluation (FME)**

**Title**: Buffalo Bayou - Neighborhood Future Floodplain Analysis

**ID**: 061000505

**Sponsor**: Harris (County)

**RFPG recommend?**: -

**Reason for Recommendation**: -

## Study Details

**Study type**: Watershed Planning

**Study description**: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Buffalo Bayou watershed.

**New Hydrologic or Hydraulic model?**: -

**Emergency Need?**: No

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

**County**: Harris, Fort Bend

**Watershed HUC# (if known)**: -

**Drainage area (Square miles, est.)**: -

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

## 100-Year Flood Risk Summary

**Population at risk**: 36,738

**# of structures**: 1,998

**Critical facilities**: 34

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

**Farm/Ranch land impacted (acres)**: 18

**Number of low water crossings**: 0

**Roadway(s) impacted (length)**: 39

**Historical road closures**: 0

## Estimated Cost and Funding Availability

**Total Cost**: $1,000,000

**Amount of Available Funding**: -

**Federal funding availability**: -

**Funding source**: -
Flood Management Evaluation (FME)

Title: Buffalo Bayou Local Drainage Study

ID#: 061000529

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

RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Buffalo Bayou watershed.

New Hydrologic or Hydraulic model?: -
Emergency Need?: No
Existing/Anticipated models in near term?: -

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

Drainage area (Square miles, est.): -
Goal(s): 06000015

100-Year Flood Risk Summary

Population at risk: 36,738
# of structures: 1,998
Critical facilities: 34

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

Farm/Ranch land impacted (acres): 18
Roadway(s) impacted (length): 39

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: -
Flood Management Evaluation (FME)

Title: Carpenters Bayou - Neighborhood Future Floodplain Analysis

ID# 061000506

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

RFPG recommend? - Reason for Recommendation -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified though MAAPNext and best available data for the development of flood mitigation projects for Carpenters Bayou watershed.

New Hydrologic or Hydraulic model? - Emergency Need? No Existing/Anticipated models in near term? -

County Harris Watershed HUC# (if known) -

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

100-Year Flood Risk Summary

Population at risk 2,731 # of structures 812 Critical facilities 24

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

Farm/Ranch land impacted (acres) 96 Roadway(s) impacted (length) 19

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 -
**Flood Management Evaluation (FME)**

**Title**: Carpenters Bayou Local Drainage Study

**ID**: 061000518

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

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

### Study Details

**Study type**: Watershed Planning  
**Study description**: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Carpenters Bayou watershed.

**New Hydrologic or Hydraulic model?**: -  
**Emergency Need?**: No  
**Existing/Anticipated models in near term?**: -

**County**: Harris  
**Watershed HUC# (if known)**: -

**Drainage area (Square miles, est.)**: -  
**Goal(s)**: 06000015

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,731</td>
<td>812</td>
<td>24</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
</tr>
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<tbody>
<tr>
<td>96</td>
<td>19</td>
<td>2</td>
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<table>
<thead>
<tr>
<th>Number of low water crossings</th>
<th>-</th>
</tr>
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<tbody>
<tr>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000,000</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Funding source**: -
Flood Management Evaluation (FME)

Title: Cedar Bayou - Neighborhood Future Floodplain Analysis
ID#: 061000507
Sponsor (name of entity, not person): Harris (County)
RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type: Watershed Planning
Study description: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Cedar Bayou watershed.

New Hydrologic or Hydraulic model?: -
Emergency Need?: No
Existing/Anticipated models in near term?: -
County: Harris, Liberty, Chambers
Watershed HUC# (if known): -
Drainage area (Square miles, est.): -
Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 4,369
# of structures: 2,345
Critical facilities: 36
Flood type: Riverine? Yes
Coastal? Yes
Local? Yes
Playa? No
Farm/Ranch land impacted (acres): 3,104
Roadway(s) impacted (length): 64
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: -
### Study Details

**Study type:** Watershed Planning  
**Study description:** The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Cedar Bayou watershed.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>Emergency Need?</th>
<th>Existing/Anticipated models in near term?</th>
<th>County</th>
<th>Watershed HUC# (if known)</th>
<th>Goal(s)</th>
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<tbody>
<tr>
<td>-</td>
<td>No</td>
<td>-</td>
<td>Harris, Liberty, Chambers</td>
<td>-</td>
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**Drainage area (Square miles, est.)** -  
**Goal** 06000015

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
<th>Flood type</th>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Number of low water crossings</th>
<th>Historical road closures</th>
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<tbody>
<tr>
<td>4,369</td>
<td>2,345</td>
<td>36</td>
<td>Riverine?</td>
<td>Yes</td>
<td>64</td>
<td>0</td>
<td>0</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Coastal?</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Local?</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Playa?</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Other?</td>
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### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000,000</td>
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**Funding source** -
Flood Management Evaluation (FME)

Title: Chateau Forest Area Drainage and Paving (30%) Goforth

ID#: 061000476

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

RFPG recommend?: - Reason for Recommendation: -

Study Details

Study type: -

Study description: Project for design and construction of storm drainage and paving improvements in the Chateau Forest Drive and West Little York Road Areas. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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

County: Harris Watershed HUC#: if known: 120401040302

Drainage area (Square miles, est.): 1 Goal(s): -

100-Year Flood Risk Summary

Population at risk: 1,937 # of structures: 672 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): 6

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: -
### Flood Management Evaluation (FME)

**Title**  
City of Bellaire Loop 610 Area Drainage Improvements

**ID#** 061000486

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

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

### Study Details

**Study type**  
-

**Study description**  
Perform engineering services to develop and advance a flood risk reduction project in the Newcastle area, servicing the east-central part of the City of Bellaire.

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

**County**  
Harris

**Watershed HUC# (if known)**  
120401040401, 120401040402

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

**Goal(s)**  
-

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
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<tbody>
<tr>
<td>25,741</td>
<td>5,877</td>
<td>69</td>
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<table>
<thead>
<tr>
<th>Flood risk type</th>
<th>Coastal</th>
<th>Local</th>
<th>Playa</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
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</thead>
<tbody>
<tr>
<td>Riverine?</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>71</td>
<td>0</td>
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<tr>
<td>Coastal?</td>
<td>No</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
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### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000,000</td>
<td>-</td>
<td>-</td>
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</table>

**Funding source**  
-
Flood Management Evaluation (FME)

City of Bellaire Newcastle/Kilmarnock Area Drainage Improvements

ID# 061000488
Sponsor (name of entity, not person) Bellaire (Municipality)
RFPG recommend? - Reason for Recommendation -

Study Details
Study type - Study description Perform preliminary engineering services to develop and advance a flood risk reduction project in the Chimney Rock area, servicing the western part of the City of Bellaire.
New Hydrologic or Hydraulic model? - Emergency Need? - Existing/Anticipated models in near term? -
County Harris Watershed HUC# (if known) 120401040401, 120401040402
Drainage area (Square miles, est.) - Goal(s) -

100-Year Flood Risk Summary
Population at risk 25,741 # of structures 5,877 Critical facilities 69
Flood risk type: Riverine? Yes Coastal? No Local? No Playa? No Other? No
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (length) 71
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 -
**Flood Management Evaluation (FME)**

**Title**: City of Bellaire Newcastle/Kilmarnock Area Drainage Improvements

**ID**: 061000485

**Sponsor**: Bellaire (Municipality)

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

### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Perform engineering services to develop and advance a flood risk reduction project in the Newcastle/Kilmarnock area, servicing the eastern part of the City of Bellaire.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>-</td>
</tr>
</tbody>
</table>

| New Hydrologic or Hydraulic model? | - |
| County | Harris |
| Drainage area (Square miles, est.) | - |

| Watershed HUC# (if known) | 120401040401, 120401040402 |
| Goal(s) | - |

### 100-Year Flood Risk Summary

| Population at risk | 25,741 |
| # of structures | 5,877 |
| Flood risk type: Riverine? | Yes |
| Coastal? | No |
| Local? | No |
| Playa? | No |
| Farm/Ranch land impacted (acres) | 0 |
| Number of low water crossings | 0 |
| Roadway(s) impacted (length) | 71 |
| Historical road closures | 0 |

### Estimated Cost and Funding Availability

| Total Cost | $1,000,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |

---

**FME Area**

**Regional view of FME area**
**Title**: City of Bellaire South Rice Area Drainage Improvements

**ID#**: 061000487

**Sponsor (name of entity, not person)**: Bellaire (Municipality)

**RFPG recommend?** -

**Study Details**

**Study type**: -

**Study description**: Perform engineering services to develop and advance a flood risk reduction project in the South Rice area, servicing the west-central part of the City of Bellaire.

**New Hydrologic or Hydraulic model?** -

**Emergency Need?** -

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

**County**: Harris

**Watershed HUC# (if known)**: 120401040401, 120401040402

**Drainage area (Square miles, est.)**: -

**Goal(s)**: -

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>25,741</td>
<td>5,877</td>
<td>69</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flood risk type</th>
<th>Coastal</th>
<th>Local</th>
<th>Playa</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riverine? Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>71</td>
<td>0</td>
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<tr>
<td>Coastal? No</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local? No</td>
<td>No</td>
<td>Yes</td>
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</tr>
<tr>
<td>Playa? No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
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<td></td>
</tr>
<tr>
<td>Other? No</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>Number of low water crossings</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
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<th>Federal funding availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000,000</td>
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</table>

**Funding source**: -

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**Regional view of FME area**
Flood Management Evaluation (FME)

Title: City of Huntsville - Elkins Lake Watershed

ID#: 061000489

Sponsor (name of entity, not person): Huntsville (Municipality)

RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type: -

Study description: Analysis of alternatives to determine mitigation of existing flood problems

New Hydrologic or Hydraulic model?: -

Emergency Need?: -

Existing/Anticipated models in near term?: -

County: Walker

Watershed HUC#: 120401010104, 120401010102, 120401010201, 120401010202, 12040101030

Drainage area (Square miles, est.): 43

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

100-Year Flood Risk Summary

Population at risk: 244

# of structures: 114

Critical facilities: 0

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

Farm/Ranch land impacted (acres): 9

Roadway(s) impacted (length): 3

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: -
**Flood Management Evaluation (FME)**

**Title:** City of Huntsville - Elkins Lake Watershed

**ID:** 061000492

**Sponsor:** Huntsville (Municipality)

**RFPG recommend:** -

**Reason for Recommendation:** -

### Study Details

| Study type | - |
| Study description | Analysis of alternatives to determine mitigation of existing flood problems |

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

| County | Walker |
| Watershed HUC# (if known) | 120401010104,120401010102,120401010201,120401010202,12040101030 |
| Drainage area (Square miles, est.) | 43 |
| Goal(s) | 06000001,06000011,06000012,06000015 |

### 100-Year Flood Risk Summary

| Population at risk | 244 |
| # of structures | 114 |
| Critical facilities | 0 |

| Farm/Ranch land impacted (acres) | 9 |
| Number of low water crossings | 1 |
| Roadway(s) impacted (length) | 3 |
| Historical road closures | 1 |

### Estimated Cost and Funding Availability

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

**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

City of Huntsville - Spring Lake Watershed

ID# 061000493

Huntsville (Municipality) - RFPG recommend?

Study Details

Study type -

Study description Analysis of alternatives to determine mitigation of existing flood problems

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Walker

Watershed HUC# (if known) 120401010104, 120401010102, 120401010201, 120401010202, 120401030

Drainage area (Square miles, est.) 43

Goal(s) 06000001, 06000011, 06000012, 06000015

100-Year Flood Risk Summary

Population at risk 244

# of structures 114

Critical facilities 0

Flood risk type: Riverine? No

Coastal? No

Local? Yes

Playa? No

Farm/Ranch land impacted (acres) 9

Roadway(s) impacted (length) 3

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 -
Flood Management Evaluation (FME)

City of Huntsville - Spring Lake Watershed

ID# 061000490

Huntsville (Municipality)

RFPG recommend? -

Reason for Recommendation -

Study Details

Study type -

Study description Analysis of alternatives to determine mitigation of existing flood problems

New Hydrologic or Hydraulic model? -

Emergency Need? -

Existing/Anticipated models in near term? -

County Walker

Watershed HUC# (if known) 120401010104,120401010102,120401010201,120401010202,1204010300

Drainage area (Square miles, est.) 43

Goal(s) 06000001,06000011,06000012,06000015

100-Year Flood Risk Summary

Population at risk 244

# of structures 114

Critical facilities 0

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

Farm/Ranch land impacted (acres) 9

Roadway(s) impacted (length) 3

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 -
Flood Management Evaluation (FME)

Title: Clear Creek - Neighborhood Future Floodplain Analysis

ID#: 061000508

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

RFPG recommend?: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified though MAAPNext and best available data for the development of flood mitigation projects for Clear Creek watershed.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Harris, Fort Bend, Brazoria, Galveston

Watershed HUC# (if known): -

Drainage area (Square miles, est.): -

Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 75,345

# of structures: 27,130

Critical facilities: 231

Flood type:
- Riverine?: Yes
- Coastal?: Yes
- Local?: Yes
- Playa?: No

Farm/Ranch land impacted (acres): 533

Roadway(s) impacted (length): 458

Number of low water crossings: 12

Historical road closures: 12

Estimated Cost and Funding Availability

Total Cost: $1,000,000

Amount of Available Funding: -

Federal funding availability: -
Flood Management Evaluation (FME)

**Title**: Clear Creek Local Drainage Study

**ID**: 061000520

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

**Funding source**

---

### Study Details

**Study type**: Watershed Planning

**Study description**: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Clear Creek watershed.

**New Hydrologic or Hydraulic model?**: -

**Emergency Need?**: No

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

**County**: Harris, Fort Bend, Brazoria, Galveston

**Watershed HUC# (if known)**: -

**Drainage area (Square miles, est.)**: -

**Goal(s)**: 06000015

---

### 100-Year Flood Risk Summary

**Population at risk**: 75,345

**# of structures**: 27,130

**Critical facilities**: 231

**Flood risk type**:

- Riverine?: Yes
- Coastal?: Yes
- Local?: Yes
- Playa?: No

**Farm/Ranch land impacted (acres)**: 533

**Roadway(s) impacted (length)**: 458

**Number of low water crossings**: 12

**Historical road closures**: 12

---

### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000,000</td>
<td>-</td>
<td>-</td>
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</table>

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**FME Area**

**Regional view of FME area**
# Flood Management Evaluation (FME)

**Title**: Columbia Memorial Parkway Drainage Improvement Project  
**ID#**: 061000552  
**Sponsor**: League City (Municipality)  
**RFPG recommend?**: No  
**Reason for Recommendation**: -

## Study Details

**Study type**: Project Planning  
**Study description**: A detailed drainage analysis is needed to confirm storm sewer sizes and if detention would be needed. Project would replace roadside ditches with a curb and gutter system.

**New Hydrologic or Hydraulic model?**: -  
**Emergency Need?**: No  
**Existing/Anticipated models in near term?**: -  
**County**: Galveston  
**Watershed HUC# (if known)**: -  
**Drainage area (Square miles, est.)**: -  
**Goal(s)**: -

## 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,734</td>
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<table>
<thead>
<tr>
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<th>Riverine?</th>
<th>Coastal?</th>
<th>Local?</th>
<th>Playa?</th>
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<tbody>
<tr>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
<td>Other?</td>
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<td>No</td>
<td>No</td>
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<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
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<td>3</td>
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## Estimated Cost and Funding Availability

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<td>$100,000</td>
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</table>

## FME Area

[Map of FME Area](image)

[Regional view of FME area](image)
Flood Management Evaluation (FME)

**Title**: Cypress Creek - Neighborhood Future Floodplain Analysis

**ID#**: 061000522

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

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

**Study Details**

**Study type**: Watershed Planning

**Study description**: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Cypress Creek watershed.

**New Hydrologic or Hydraulic model?**: -  
**Emergency Need?**: No  
**Existing/Anticipated models in near term?**: -

**County**: Harris, Waller  
**Watershed HUC# (if known)**: -

**Drainage area (Square miles, est.)**: -  
**Goal(s)**: 06000010, 06000015

**100-Year Flood Risk Summary**

**Population at risk**: 13,877  
**# of structures**: 4,159  
**Critical facilities**: 87

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

**Farm/Ranch land impacted (acres)**: 1,660  
**Roadway(s) impacted (length)**: 109

**Number of low water crossings**: 18  
**Historical road closures**: 18

**Estimated Cost and Funding Availability**

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

**Funding source**: -

---

[Image of map showing FME Area and Regional view of FME area]
Flood Management Evaluation (FME)

**Title**: Cypress Creek Local Drainage Study

**ID**: 061000521

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

**RFPG recommend?**: -

**Reason for Recommendation**: -

### Study Details

**Study type**: Watershed Planning

**Study description**: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Cypress Creek watershed.

**New Hydrologic or Hydraulic model?**: -

**Emergency Need?**: No

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

**County**: Harris, Waller

**Watershed HUC# (if known)**: -

**Drainage area (Square miles, est.)**: -

**Goal(s)**: 06000015

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
<th>Flood risk type</th>
<th>Local?</th>
<th>Playa?</th>
</tr>
</thead>
<tbody>
<tr>
<td>13,877</td>
<td>4,159</td>
<td>87</td>
<td>Riverine?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Coastal?</td>
<td>No</td>
<td>1,660</td>
<td>Yes</td>
<td>No</td>
<td>Other? No</td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>18</td>
<td>Roadway(s) impacted (length)</td>
<td>109</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Historical road closures</td>
<td>18</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>$1,000,000</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Funding source**: -

---

**FME Area**

**Regional view of FME area**
**Title:** D-133 Sharpstown

**ID:** 061000484

**Sponsor:** Houston (Municipality)

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

---

**Study Details**

**Study type** -

**Study description**
This project provides for the right-of-way acquisition, design and construction of detention basins in the Sharpstown Area. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

**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.)** 9  
**Goal(s)** -

---

**100-Year Flood Risk Summary**

**Population at risk** 20,445  
**# of structures** 2,373  
**Critical facilities** 65

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

**Farm/Ranch land impacted (acres)** 0  
**Roadway(s) impacted (length)** 31

**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** -

---

**Regional view of FME area**

---

**Study description**

This project provides for the right-of-way acquisition, design and construction of detention basins in the Sharpstown Area. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.
Flood Management Evaluation (FME)

Title: Drainage and Paving Improvements for Cottage Grove East - Phase I

ID#: 061000557

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

RFPG recommend?: - Reason for Recommendation: -

Study Details

Study type: -

Study description: Phase 1 of storm drainage and street improvements bounded by IH-10W, White Oak Bayou, Durham Dr. and Shepherd Dr. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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

County: Harris Watershed HUC# (if known): 120401040304

Drainage area (Square miles, est.): 0 Goal(s): -

100-Year Flood Risk Summary

Population at risk: 47 # of structures: 30 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): 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: -

San Jacinto Regional Flood Planning Group

Region 6

Regional view of FME area

Drainage and Paving Improvements for Cottage Grove East - Phase I

Houston (Municipality)

Drainage and Paving Improvements for Cottage Grove East - Phase I

San Jacinto Regional Flood Planning Group

Region 6

FME Area

College Station

Sam Houston National Forest

Angelina National Forest

The Woodlands

Beaumont
Flood Management Evaluation (FME)

Title: Drainage and Paving Improvements for Cottage Grove East - Phase II

ID# 061000477

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

RFPG recommend? - Reason for Recommendation -

Study Details

Study type -
Study description Phase 2 of storm drainage and street improvements bounded by IH-10W, White Oak Bayou, TC Jester, and Durham Dr. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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

County Harris Watershed HUC# (if known) 120401040304

Drainage area (Square miles, est.) 0 Goal(s) -

100-Year Flood Risk Summary

Population at risk 47 # of structures 30 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) 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 -
## Flood Management Evaluation (FME)

### Title
Feasibility Study - Convert Enderli Reservoir into a Detention Pond

### ID
061000496

### Sponsor (name of entity, not person)
Liberty County Water Control District 1

### RFPG recommend?
- Reason for Recommendation -

### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Request to study converting Enderli Reservoir into a detention pond</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Liberty, Harris</td>
</tr>
<tr>
<td>Watershed HUC# (if known)</td>
<td>120402030102, 120402030103</td>
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<tr>
<td>Drainage area (Square miles, est.)</td>
<td>-</td>
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<tr>
<td>Goal(s)</td>
<td>-</td>
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</table>

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>55</th>
</tr>
</thead>
<tbody>
<tr>
<td># of structures</td>
<td>40</td>
</tr>
<tr>
<td>Critical facilities</td>
<td>0</td>
</tr>
<tr>
<td>Flood risk type:</td>
<td>Riverine? Yes, Coastal? No, Local? No, Playa? No</td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>23</td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>0</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>1</td>
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<tr>
<td>Historical road closures</td>
<td>0</td>
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</tbody>
</table>

### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>$4,000,000</th>
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<tr>
<td>Amount of Available Funding</td>
<td>-</td>
</tr>
<tr>
<td>Federal funding availability</td>
<td>-</td>
</tr>
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</table>
Flood Management Evaluation (FME)

Title: Freeway Manor North Area Drainage and Paving Improvements FMN, FMS, GWT and C106-10

ID#: 061000472

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

RFPG recommend?: - Reason for Recommendation: -

100-Year Flood Risk Summary

Population at risk: 715
# of structures: 205
Critical facilities: 0

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

Farm/Ranch land impacted (acres): -
Number of low water crossings: -

Roadway(s) impacted (length): 3
Historical road closures: -

Estimated Cost and Funding Availability

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

Study Details

Study type: -
Study description: Project for design and construction of storm drainage and paving improvements in the Freeway Manor North Area to mitigate structural flooding risk. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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

County: Harris
Waterhed HUC# (if known): 120401040502

Drainage area (Square miles, est.): 0
Goal(s): -
Flood Management Evaluation (FME)

Title: Gelhorn

ID#: 061000482

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

Study Details

Study type: -

Study description: This project provides for paving improvements including storm inlet improvements in the Gelhorn Area. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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.): 0

Goal(s): -

100-Year Flood Risk Summary

Population at risk: 10

# of structures: 0

Critical facilities: 0

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

Farm/Ranch land impacted (acres): 0

Roadway(s) impacted (length): 0

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: Green Acres Neighborhood Drainage Improvement Study

ID#: 061000500

Sponsor (name of entity, not person): Webster (Municipality)

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Evaluate existing flood risk in the Green Acres Neighborhood and identify solutions to mitigate flooding.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Harris

Watershed HUC# (if known): -

Drainage area (Square miles, est.): -

Goal(s): -

100-Year Flood Risk Summary

Population at risk: 1,694

# of structures: 127

Critical facilities: 0

Flood risk type: Riverine? No

Coastal? No

Local? Yes

Playa?: No

Other?: No

Farm/Ranch land impacted (acres): 0

Roadway(s) impacted (length): 2

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: -

San Jacinto Regional Flood Planning Group

Region 6

FME Area

Regional view of FME area
# Flood Management Evaluation (FME)

**Title:** Greens Bayou - Neighborhood Future Floodplain Analysis  
**ID#:** 061000509  
**Sponsor (name of entity, not person):** Harris (County)  
**RFPG recommend?** -  
**Reason for Recommendation** -

## Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Watershed Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Greens Bayou watershed.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Emergency Need?</td>
<td>No</td>
</tr>
<tr>
<td>Existing/Anticipated models in near term?</td>
<td>-</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Harris</th>
</tr>
</thead>
<tbody>
<tr>
<td>Watershed HUC# (if known)</td>
<td>-</td>
</tr>
<tr>
<td>Drainage area (Square miles, est.)</td>
<td>Goal(s) 06000010, 06000015</td>
</tr>
</tbody>
</table>

## 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>97,307</th>
</tr>
</thead>
<tbody>
<tr>
<td># of structures</td>
<td>25,037</td>
</tr>
<tr>
<td>Critical facilities</td>
<td>291</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flood type</th>
<th>Riverine?</th>
<th>Yes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
<td></td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>164</td>
<td></td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>333</td>
<td></td>
</tr>
<tr>
<td>Historical road closures</td>
<td>17</td>
<td></td>
</tr>
</tbody>
</table>

## Estimated Cost and Funding Availability

| Total Cost | $1,000,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |
| Funding source | - |

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**Regional view of FME area**

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**FME Area**

---
### Flood Management Evaluation (FME)

**Title:** Greens Bayou Local Drainage Study

**ID:** 061000517

**Sponsor:** Harris (County)

**RFPG recommend:** -

#### Study Details

**Study type:** Watershed Planning

**Study description:** The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Greens Bayou watershed.

- **New Hydrologic or Hydraulic model?** -
- **Emergency Need?** No
- **Existing/Anticipated models in near term?** -

<table>
<thead>
<tr>
<th>County</th>
<th>Watershed HUC# (if known)</th>
<th>Drainage area (Square miles, est.)</th>
<th>Goal(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harris</td>
<td>-</td>
<td>-</td>
<td>06000015</td>
</tr>
</tbody>
</table>

#### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>97,307</th>
<th># of structures</th>
<th>25,037</th>
<th>Critical facilities</th>
<th>291</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Flood risk type:</strong></td>
<td></td>
<td><strong>Riverine?</strong></td>
<td>Yes</td>
<td><strong>Coastal?</strong></td>
<td>No</td>
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<tr>
<td></td>
<td></td>
<td><strong>Local?</strong></td>
<td>Yes</td>
<td><strong>Playa?</strong></td>
<td>No</td>
</tr>
<tr>
<td><strong>Farm/Ranch land impacted (acres)</strong></td>
<td>164</td>
<td><strong>Roadway(s) impacted (length)</strong></td>
<td>333</td>
<td><strong>Historical road closures</strong></td>
<td>17</td>
</tr>
<tr>
<td><strong>Number of low water crossings</strong></td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>$1,000,000</th>
<th>Amount of Available Funding</th>
<th>-</th>
<th>Federal funding availability</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Funding source</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**FME Area**

**Regional view of FME area**
# Flood Management Evaluation (FME)

**Title**: Gum Bayou Drainage Improvements  
**ID**: 061000543  
**Sponsor (name of entity, not person)**: League City (Municipality)  
**RFPG recommend?**: -  
**Reason for Recommendation**: -

## Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Widen Gum Bayou from approximately SH 96 to the City's ETJ and create a new detention pond approximately 270 ac-ft in size.</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Hydrologic or Hydraulic model?</td>
<td>-</td>
</tr>
<tr>
<td>Emergency Need?</td>
<td>No</td>
</tr>
<tr>
<td>Existing/Anticipated models in near term?</td>
<td>-</td>
</tr>
<tr>
<td>County</td>
<td>Galveston</td>
</tr>
<tr>
<td>Watershed HUC# (if known)</td>
<td>-</td>
</tr>
<tr>
<td>Drainage area (Square miles, est.)</td>
<td>-</td>
</tr>
<tr>
<td>Goal(s)</td>
<td>-</td>
</tr>
</tbody>
</table>

## 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>1,357</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood type: Riverine?</td>
<td>Yes</td>
</tr>
<tr>
<td>Coastal?</td>
<td>No</td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>42</td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>0</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>18</td>
</tr>
<tr>
<td>Historical road closures</td>
<td>0</td>
</tr>
</tbody>
</table>

## Estimated Cost and Funding Availability

| Total Cost | $1,200,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |

---

**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

**Title:** HCMUD365 Cole Crossing Stormwater Detention and Water Quality Improvement Project

**ID:** 061000555

**Sponsor (name of entity, not person):** Harris County MUD 365

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

### Study Details

**Study type:** Project Planning

**Study description:** PER to further study and design the incorporation of additional mitigation volume and SWQ features in the existing Cole Crossing detention pond along Cypress Creek.

**New Hydrologic or Hydraulic model?** No

**Emergency Need?** No

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

**County:** Harris

**Watershed HUC# (if known):** -

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

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,445</td>
<td>1,038</td>
<td>17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flood risk type</th>
<th>Riverine?</th>
<th>Coastal?</th>
<th>Local?</th>
<th>Playa?</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>16</td>
<td>0</td>
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</table>

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
</tr>
</thead>
<tbody>
<tr>
<td>31</td>
<td>16</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of low water crossings</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>16</td>
<td>0</td>
</tr>
</tbody>
</table>

### Estimated Cost and Funding Availability

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

**Funding source:** -
Flood Management Evaluation (FME)

Title: Highland Terrace and Wesley Drive Drainage Improvements

ID#: 061000545

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

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Evaluation of an extension of the FM 518 & Wesley Drive Drainage Improvement project. Includes extending storm sewer improvements.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Galveston

Watershed HUC# (if known): -

Drainage area (Square miles, est.): -

Goal(s): -

100-Year Flood Risk Summary

Population at risk: 503

# of structures: 29

Critical facilities: 8

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

Farm/Ranch land impacted (acres): 4

Roadway(s) impacted (length): 1

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost: $600,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
## Flood Management Evaluation (FME)

<table>
<thead>
<tr>
<th>Title</th>
<th>Interurban Watershed Drainage Improvement Project</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID#</td>
<td>061000547</td>
</tr>
<tr>
<td>Sponsor (name of entity, not person)</td>
<td>League City (Municipality)</td>
</tr>
<tr>
<td>RFPG recommend?</td>
<td>- Reason for Recommendation -</td>
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</tbody>
</table>

### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Project Planning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>Project would widen Interurban Ditch by approximately 10' starting at FM 518 and extending upstream for approximately 2,000 linear feet. A 10 to 12 acre-feet detention pond downstream of FM 518 will need to be constructed to mitigate.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
</tr>
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<tbody>
<tr>
<td>Emergency Need?</td>
<td>No</td>
</tr>
<tr>
<td>Existing/Anticipated models in near term?</td>
<td>-</td>
</tr>
<tr>
<td>County</td>
<td>Galveston</td>
</tr>
<tr>
<td>Drainage area (Square miles, est.)</td>
<td>-</td>
</tr>
</tbody>
</table>

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>31</th>
</tr>
</thead>
<tbody>
<tr>
<td># of structures</td>
<td>6</td>
</tr>
<tr>
<td>Critical facilities</td>
<td>2</td>
</tr>
<tr>
<td>Flood risk type:</td>
<td>Riverine? Yes</td>
</tr>
<tr>
<td>Coastal?</td>
<td>No</td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>0</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>1</td>
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<tr>
<td>Number of low water crossings</td>
<td>0</td>
</tr>
<tr>
<td>Historical road closures</td>
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### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>$700,000</th>
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<tbody>
<tr>
<td>Amount of Available Funding</td>
<td>-</td>
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<tr>
<td>Federal funding availability</td>
<td>-</td>
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</tbody>
</table>

### Map

- **FME Area**
- **Regional view of FME area**
Flood Management Evaluation (FME)

Title
Kansas Street Drainage Project, Phase 2

ID#
061000542

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

RFPG recommend?
Reason for Recommendation

Study Details

Study type
Project Planning

Study description
Further analysis of propose drainage improvements within the City’s Historic District.

New Hydrologic or Hydraulic model?
- Emergency Need?
No
Existing/Anticipated models in near term?
-

County
Galveston

Watershed HUC# (if known)
-

Drainage area (Square miles, est.)
-

Goal(s)
-

100-Year Flood Risk Summary

Population at risk
13,944

Riverine? Yes

Coastal? No

Local? Yes

Playa? No

Roadway(s) impacted (length) 105

Farm/Ranch land impacted (acres) 1,307

Number of low water crossings 2

Historical road closures 2

Estimated Cost and Funding Availability

Total Cost
$580,000

Amount of Available Funding
-

Federal funding availability
-

Funding source
-
Flood Management Evaluation (FME)

Title: Kirkwood/Nottingham

ID#: 061000481

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

RFPG recommend?: -

Study Details

Study type: -

Study description: Project provides for design and construction of storm drainage and paving improvements in the Notthingham and Yorkshire Areas. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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): -

100-Year Flood Risk Summary

Population at risk: 0

# of structures: -

Critical facilities: -

Flood risk type: 
Riverine?: No
Coastal?: No
Local?: No
Playa?: 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: $30,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
## Flood Management Evaluation (FME)

### Title
Ledge Street Area Drainage and Paving

### ID#
061000470

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

### RFPG recommend?

<table>
<thead>
<tr>
<th>Reason for Recommendation</th>
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### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>Study description</th>
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<tbody>
<tr>
<td>-</td>
<td>Project provides for design and construction of storm water drainage and paving improvements, mitigation, and necessary utilities to serve the Ledge and Nathaniel areas east of Clearwood Drive to mitigate structural flooding risk.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>Emergency Need?</th>
<th>Existing/Anticipated models in near term?</th>
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<table>
<thead>
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<th>County</th>
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<tr>
<td>Harris</td>
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<table>
<thead>
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<th>Drainage area (Square miles, est.)</th>
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### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>-</td>
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<table>
<thead>
<tr>
<th>Flood risk type</th>
<th>Coastal</th>
<th>Local</th>
<th>Playa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riverine?</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Coastal?</td>
<td>No</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Local?</td>
<td>No</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
<td>-</td>
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</table>

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
</tr>
</thead>
<tbody>
<tr>
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### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
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<tbody>
<tr>
<td>$30,000</td>
<td>-</td>
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</table>

### Maps

- **FME Area**
- **Regional view of FME area**
### Flood Management Evaluation (FME)

**Title**: Little Cypress Creek - Neighborhood Future Floodplain Analysis

**ID**: 061000510

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

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

---

#### Study Details

**Study type**: Watershed Planning

**Study description**: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Little Cypress Creek watershed.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>Emergency Need?</th>
<th>Existing/Anticipated models in near term?</th>
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<tbody>
<tr>
<td>-</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>Watershed HUC# (if known)</th>
<th>Goal(s)</th>
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<tbody>
<tr>
<td>Harris</td>
<td>-</td>
<td>06000010, 06000015</td>
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#### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,734</td>
<td>1,213</td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flood risk type:</th>
<th>Riverine?</th>
<th>Coastal?</th>
<th>Local?</th>
<th>Playa?</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
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</thead>
<tbody>
<tr>
<td>192</td>
<td>19</td>
<td>4</td>
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</table>

<table>
<thead>
<tr>
<th>Number of low water crossings</th>
<th>Other?</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>No</td>
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#### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
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</thead>
<tbody>
<tr>
<td>$1,000,000</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

---

**FME Area**

**Regional view of FME area**
### Flood Management Evaluation (FME)

**Title**  
Little Cypress Creek Local Drainage Study

**ID#**  
061000528

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

**RFPG recommend?**

<table>
<thead>
<tr>
<th>Reason for Recommendation</th>
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</thead>
<tbody>
<tr>
<td>-</td>
</tr>
</tbody>
</table>

### Study Details

**Study type**  
Watershed Planning

**Study description**  
The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Little Cypress Creek watershed.

**New Hydrologic or Hydraulic model?**

| - |

**Emergency Need?**  
No

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

| - |

**County**

| Harris |

**Watershed HUC# (if known)**

| - |

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

| - |

**Goal(s)**

| 06000015 |

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>2,734</th>
</tr>
</thead>
<tbody>
<tr>
<td># of structures</td>
<td>1,213</td>
</tr>
<tr>
<td>Critical facilities</td>
<td>14</td>
</tr>
<tr>
<td>Flood risk type:</td>
<td></td>
</tr>
<tr>
<td>Riverine?</td>
<td>Yes</td>
</tr>
<tr>
<td>Coastal?</td>
<td>No</td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>192</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>19</td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>4</td>
</tr>
<tr>
<td>Historical road closures</td>
<td>4</td>
</tr>
</tbody>
</table>

### 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: Luce Bayou - Neighborhood Future Floodplain Analysis

ID#: 061000511

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

RFPG recommend?: -  Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified though MAAPNext and best available data for the development of flood mitigation projects for Luce Bayou watershed.

New Hydrologic or Hydraulic model?: -  Emergency Need?: No  Existing/Anticipated models in near term?: -

County: Harris, Montgomery, Liberty  Watershed HUC#: (if known): -

Drainage area (Square miles, est.): -  Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 717  # of structures: 772  Critical facilities: 0

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

Farm/Ranch land impacted (acres): 191  Roadway(s) impacted (length): 41

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

Estimated Cost and Funding Availability

Total Cost: $1,000,000  Amount of Available Funding: -

Funding source: -  Federal funding availability: -
Flood Management Evaluation (FME)

Title: Luce Bayou Local Drainage Study

ID#: 061000532

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

RFPG recommend?: -

Study Details

Study type: Watershed Planning

Study description: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Luce Bayou watershed.

County: Harris, Liberty, Montgomery

Watershed HUC# (if known): -

Drainage area (Square miles, est.): -

Goal(s): 06000015

100-Year Flood Risk Summary

Population at risk: 717

Flood risk type: Riverine? Yes

Coastal? No

Local? Yes

Playa? No

Farm/Ranch land impacted (acres): 191

Roadway(s) impacted (length): 41

Number of low water crossings: 0

Historical road closures: 0

Critical facilities: 0

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

Funding source:

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
Study Details

Project Planning

Study type

Project would look at Magnolia Creek and Cedar Gully downstream of FM 518 and all work would be above the ordinary high water mark. Scope of work includes the removal of vegetation and/or Desnagging of the channels.

Study description

New Hydrologic or Hydraulic model? -

Emergency Need? No

Existing/Anticipated models in near term? -

County Galveston

Watershed HUC# (if known) -

Drainage area (Square miles, est.) -

Goal(s) -

100-Year Flood Risk Summary

Population at risk 1,082

# of structures 335

Critical facilities 3

Flood risk type:

Riverine? Yes

Coastal? No

Local? Yes

Playa? No

Farm/Ranch land impacted (acres) 2

Roadway(s) impacted (length) 4

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 -
# Flood Management Evaluation (FME)

**Title:** Magnolia Creek & Cedar Gully Drainage Improvement Project

**ID #:** 061000544

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

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

### Study Details

**Study type:** Project Planning

**Study description:** Project would look at Magnolia Creek and Cedar Gully upstream of FM 518. Improvements would include modification of detention pond outlets and culvert crossings at Summer Place.

**New Hydrologic or Hydraulic model?** -  
**Emergency Need?** No

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

**County:** Galveston

**Watershed HUC# (if known):** -

**Drainage area (Square miles, est.):** -

**Goal(s):** -

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,076</td>
<td>334</td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Flood risk type</th>
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<th>No</th>
<th>Yes</th>
<th>No</th>
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<tbody>
<tr>
<td>Riverine?</td>
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<td></td>
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<tr>
<td>Coastal?</td>
<td>No</td>
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<td></td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of low water crossings</td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Roadway(s) impacted (length)</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Historical road closures</td>
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</tr>
</tbody>
</table>

### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
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</thead>
<tbody>
<tr>
<td>$750,000</td>
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</table>

**Funding source:** -

### Maps

- **FME Area**
- **Regional view of FME area**
Flood Management Evaluation (FME)

Title: Montgomery County MUDs 83,84 - Alternative 4 and 6B PER

ID#: 061000491

Sponsor (name of entity, not person)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type -

Study description: Further define Alternative 4 and 6B recommended in the Oakhurst Drainage System & Bentwood Diversion Channel Flood Reduction Study (March 2021) including performing a benefit cost analysis.

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

County: Montgomery

Watershed HUC# (if known): 120401010501, 120401010404

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

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): 1

Number of low water crossings: 0

Historical road closures: 0

Estimated Cost and Funding Availability

Total Cost - Amount of Available Funding - Federal funding availability -

Funding source -
# Flood Management Evaluation (FME)

## Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>-</th>
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</thead>
<tbody>
<tr>
<td>Study description</td>
<td>Further define storm sewer improvements recommended in the Oakhurst Drainage System &amp; Bentwood Diversion Channel Flood Reduction Study (March 2021), evaluate and identify potential inlet improvements.</td>
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</table>

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Emergency Need?</td>
<td>-</td>
</tr>
<tr>
<td>Existing/Anticipated models in near term?</td>
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<thead>
<tr>
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</thead>
<tbody>
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<td>Watershed HUC# (if known)</td>
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</tr>
</tbody>
</table>

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

## 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td># of structures</td>
<td>0</td>
</tr>
<tr>
<td>Critical facilities</td>
<td>0</td>
</tr>
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<table>
<thead>
<tr>
<th>Flood risk type:</th>
<th>Riverine?</th>
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</tr>
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<tbody>
<tr>
<td>Coastal?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Local?</td>
<td>No</td>
<td></td>
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<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Roadway(s) impacted (length)</td>
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</tr>
<tr>
<td>Historical road closures</td>
<td>0</td>
</tr>
</tbody>
</table>

## Estimated Cost and Funding Availability

| Total Cost | - |
| Amount of Available Funding | - |
| Federal funding availability | - |

---

![FME Area](image1.png)

![Regional view of FME area](image2.png)
Flood Management Evaluation (FME)

Title: North Alexander

ID#: 061000536

Sponsor (name of entity, not person): Baytown (Municipality)

RFPG recommend? - Reason for Recommendation -

Study Details

Study type: Project Planning
Study description:
Further analysis to become a FMP. This project includes proposed storm sewer improvements to bring the area to accordance with the City of Baytown drainage criteria. Detention is also proposed to mitigate for impacts from increased flow.

New Hydrologic or Hydraulic model? No
Emergency Need? No
Existing/Anticipated models in near term? Yes
County: Harris
Watershed HUC# (if known) -
Drainage area (Square miles, est.) -
Goal(s) -

100-Year Flood Risk Summary

Population at risk: 0
# of structures -
Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No
Farm/Ranch land impacted (acres) -
Number of low water crossings -
Roadway(s) impacted (length) -
Historical road closures -

Estimated Cost and Funding Availability

Total Cost: $30,000
Amount of Available Funding -
Federal funding availability -
Funding source -
# Flood Management Evaluation (FME)

**Title:** P518 Aldine West field  
**ID:** 061000479  
**Sponsor:** Houston (Municipality)  
**RFPG recommend?** -  
**Reason for Recommendation** -

### Study Details

**Study type** -  
**Study description** Project for design and construction of detention pond in conjunction with TxDot. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

**New Hydrologic or Hydraulic model?** -  
**Emergency Need?** -  
**Existing/Anticipated models in near term?** -  
**County** Harris  
**Watershed HUC# (if known)** 120401040604  
**Drainage area (Square miles, est.)** 0  
**Goal(s)** -

### 100-Year Flood Risk Summary

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<th>Population at risk</th>
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<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
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</table>

<table>
<thead>
<tr>
<th>Flood risk type</th>
<th># of structures</th>
<th>Coastal</th>
<th>Local</th>
<th>Playa</th>
<th>Historical road closures</th>
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<tbody>
<tr>
<td>Riverine? Yes</td>
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<td>No</td>
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<tr>
<td>Coastal? No</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Local? No</td>
<td></td>
<td></td>
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<td>Playa? No</td>
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<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>0</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Number of low water crossings</th>
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</table>

<table>
<thead>
<tr>
<th>Roadway(s) impacted (length)</th>
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### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
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<tbody>
<tr>
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<tr>
<td>Federal funding availability</td>
<td>-</td>
</tr>
<tr>
<td>Funding source</td>
<td>-</td>
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</tbody>
</table>

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**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

Title: Patton Subdivision Drainage Improvements Project
ID#: 061000548

Sponsor (name of entity, not person): League City (Municipality)
RFPG recommend?:  -
Reason for Recommendation:  -

Study Details
Study type: Project Planning
Study description: Evaluation of storm sewer improvements along Sanders St., West Wilkins St., and Interurban St. The storm sewer would discharge into an approximate 40 ac-ft new detention pond along W. Galveston/W. Wilkins before discharging into Interurban Ditch.
New Hydrologic or Hydraulic model?:  -
Emergency Need?: No
Existing/Anticipated models in near term?:  -
County: Galveston
Watershed HUC# (if known):  -
Drainage area (Square miles, est.):  -
Goal(s):  -

100-Year Flood Risk Summary
Population at risk: 31
# of structures: 6
Critical facilities: 2
Flood risk type:
Riverine?: No
Coastal?: No
Local?: Yes
Playa?: No
Other?: No
Farm/Ranch land impacted (acres): 0
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: -
Flood Management Evaluation (FME)

### Study Details

- **Study type**: -
- **Study description**: Study to create detention pond & Ditch system for Buddy Grass and RR Ditches

### 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)**: -
- **Number of low water crossings**: -
- **Roadway(s) impacted (length)**: -
- **Historical road closures**: -

### Estimated Cost and Funding Availability

- **Total Cost**: $5,000,000
- **Amount of Available Funding**: -
- **Federal funding availability**: -
- **Funding source**: -
### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
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<tbody>
<tr>
<td>Study description</td>
<td>Study to create detention pond at Gier Road Ditch &amp; Cedar Bayou Intersection</td>
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<tr>
<td>New Hydrologic or Hydraulic model?</td>
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<td>Emergency Need?</td>
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<td>Existing/Anticipated models in near term?</td>
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<tbody>
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| Drainage area (Square miles, est.) | - |
| Goal(s)                           | - |

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
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<tbody>
<tr>
<td>Flood risk type</td>
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<tr>
<td>Farm/Ranch land impacted (acres)</td>
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<td>Number of low water crossings</td>
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<td>Roadway(s) impacted (length)</td>
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<td>Historical road closures</td>
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### Maps

- **FME Area**
- **Regional view of FME area**
### Study Details

**Study type**
- 

**Study description**
- Study to create detention pond for Hatcherville & Cedar Bayou Farms Ditches

**New Hydrologic or Hydraulic model?**
- 

**Emergency Need?**
- 

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

**County**
- Liberty

**Watershed HUC# (if known)**
- 120402030104

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

**Goal(s)**
- 

### 100-Year Flood Risk Summary

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<thead>
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<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
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<tr>
<td>4</td>
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<tbody>
<tr>
<td>Riverine?</td>
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<td>Coastal?</td>
<td>No</td>
<td>Local?</td>
<td>Playa?</td>
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<table>
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<th></th>
<th>Roadway(s) impacted (length)</th>
<th></th>
<th>Historical road closures</th>
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### Estimated Cost and Funding Availability

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**Funding source**
- 
Flood Management Evaluation (FME)

**Study Details**

- **Title**: Preliminary Engineering Design of Detention Pond at intersection of HWY90 & Railroad near Cedar Bayou
- **ID**: 061000497
- **Sponsor**: Liberty County Water Control District 1
- **RFPG recommend?**: -

**Study Details**

- **Study type**: -
- **Study description**: Study to create detention pond & Ditch system for Buddy Grass and RR Ditches
- **New Hydrologic or Hydraulic model?**: -
- **Emergency Need?**: -
- **Existing/Anticipated models in near term?**: -
- **County**: Liberty, Harris
- **Watershed HUC# (if known)**: 120402030103
- **Drainage area (Square miles, est.)**: -
- **Goal(s)**: -

**100-Year Flood Risk Summary**

- **Population at risk**: 14
- **# of structures**: 17
- **Critical facilities**: 0
- **Flood risk type**: Riverine? Yes
- **Coastal?**: No
- **Local?**: No
- **Playa?**: No
- **Farm/Ranch land impacted (acres)**: 133
- **Roadway(s) impacted (length)**: 0
- **Number of low water crossings**: -
- **Historical road closures**: -

**Estimated Cost and Funding Availability**

- **Total Cost**: $3,000,000
- **Amount of Available Funding**: -
- **Federal funding availability**: -
- **Funding source**: -
Flood Management Evaluation (FME)

**Title**: Richmond Plaza (South) Drainage and Paving Improvements (Chimney Rock -Burnett/Bayland Park)

**ID#**: 061000473

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

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

### Study Details

**Study type** -  
**Study description**:
Project for design and construction of storm drainage and paving improvements in the Richmond Plaza Area to reduce risk and structural flooding. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

**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.)**: 0  
**Goal(s)**: -

### 100-Year Flood Risk Summary

**Population at risk**: 1,570  
**# of structures**: 306  
**Critical facilities**: 2

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

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

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

### Estimated Cost and Funding Availability

**Total Cost**: $30,000  
**Amount of Available Funding**: -  
**Federal funding availability**: -
### Flood Management Evaluation (FME)

**Title**: Rollingbrook Garth and Main

**ID**: 061000537

**Sponsor (name of entity, not person)**: Baytown (Municipality)

**RFPG recommend?**: -

**Reason for Recommendation**: -

### Study Details

**Study type**: Project Planning

**Study description**: Further analysis to become a FMP. This project includes proposed storm sewer improvements to bring the area to accordance with the City of Baytown drainage criteria. Detention is also proposed to mitigate for impacts from increased flow.

**New Hydrologic or Hydraulic model?**: No

**Emergency Need?**: No

**Existing/Anticipated models in near term?**: Yes

**County**: Harris

**Watershed HUC# (if known)**: -

**Drainage area (Square miles, est.)**: -

**Goal(s)**: -

### 100-Year Flood Risk Summary

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

<table>
<thead>
<tr>
<th>Flood risk type</th>
<th>Riverine?</th>
<th>Coastal?</th>
<th>Local?</th>
<th>Playa?</th>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Number of low water crossings</th>
<th>Historical road closures</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>No</td>
<td>No</td>
<td>Yes</td>
<td>No</td>
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</tbody>
</table>

### Estimated Cost and Funding Availability

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

**Funding source**: -

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![FME Area](image1.png)

![Regional view of FME area](image2.png)
Flood Management Evaluation (FME)

Title: San Jacinto & Galveston Bay - Neighborhood Future Floodplain

ID#: 061000512
Sponsor (name of entity, not person): Harris (County)
RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type: Watershed Planning
Study description: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for San Jacinto & Galveston Bay watershed.

New Hydrologic or Hydraulic model?: -
Emergency Need?: No
Existing/Anticipated models in near term?: -
County: Harris
Watershed HUC# (if known): -
Drainage area (Square miles, est.): -
Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 8,623
# of structures: 3,285
Critical facilities: 107
Flood risk type: Yes
Riverine? Yes
Coastal? Yes
Local? Yes
Playa? No
Other? No
Farm/Ranch land impacted (acres): 18
Roadway(s) impacted (length): 55
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)

Title: San Jacinto River - Neighborhood Future Floodplain Analysis

ID#: 061000513

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

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for San Jacinto River watershed.

New Hydrologic or Hydraulic model?: -

Emergency Need?: Yes

Existing/Anticipated models in near term?: -

County: Harris, Montgomery

Watershed HUC# (if known): -

Drainage area (Square miles, est.): -

Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 41,110

# of structures: 19,487

Critical facilities: 361

Flood risk type:

Riverine?: Yes

Coastal?: Yes

Local?: Yes

Playa?: No

Farm/Ranch land impacted (acres): 801

Roadway(s) impacted (length): 446

Number of low water crossings: 15

Historical road closures: 15

Estimated Cost and Funding Availability

Total Cost: $1,000,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
### Study Details

**Study type:** Watershed Planning  
**Study description:** The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in San Jacinto River watershed.

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
<th>Farm/Ranch land impacted (acres)</th>
<th>Roadway(s) impacted (length)</th>
<th>Number of low water crossings</th>
<th>Historical road closures</th>
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<tbody>
<tr>
<td>41,110</td>
<td>19,487</td>
<td>361</td>
<td>801</td>
<td>446</td>
<td>15</td>
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**Flood risk type:**  
- Riverine? Yes  
- Coastal? Yes  
- Local? Yes  
- Playa? No  

**Emergency Need?** No  
**Existing/Anticipated models in near term?** No  
**Watershed HUC# (if known)** -  
**County** Harris, Montgomery  
**Drainage area (Square miles, est.)** -  
**Goal(s)** 06000015

### Estimated Cost and Funding Availability

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<tr>
<th>Total Cost</th>
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<th>Federal funding availability</th>
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<tr>
<td>$1,000,000</td>
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**Funding source** -
Flood Management Evaluation (FME)

Title: Scott Street (OST to Brays Bayou) Area Drainage and Paving Improvements (remove southland from it)

ID#: 061000471

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

RFPG recommend?: - Reason for Recommendation -

Study Details

Study type: -
Study description: Project for design and construction of storm drainage and paving improvements in the Scott Street Area. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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.): 1 Goal(s): -

100-Year Flood Risk Summary

Population at risk: 0 # of structures: - Critical facilities: -
Farm/Ranch land impacted (acres): - Roadway(s) impacted (length): -
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: -
Flood Management Evaluation (FME)

Title: Sims Bayou - Neighborhood Future Floodplain Analysis

ID#: 061000514

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

RFPG recommend?: -  Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Sims Bayou watershed.

New Hydrologic or Hydraulic model?: -  Emergency Need?: No  Existing/Anticipated models in near term?: -

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

Drainage area (Square miles, est.): -  Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 22,203

# of structures: 5,854

Critical facilities: 73

Flood risk type:

Riverine?: Yes  Coastal?: No  Local?: Yes  Playa?: No

Farm/Ranch land impacted (acres): 51

Roadway(s) impacted (length): 103

Number of low water crossings: 10

Historical road closures: 10

Estimated Cost and Funding Availability

Total Cost: $1,000,000  Amount of Available Funding: -  Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: South Shore Drainage Pump Station

ID#: 061000540

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

RFPG recommend?: -

Study Details

Study type: Project Planning

Study description: Project includes analysis to bring the existing storm sewer into compliance with updated drainage criteria along with the evaluation and design of a pump station.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Galveston

Watershed HUC# (if known): -

Drainage area (Square miles, est.): -

Goal(s): -

100-Year Flood Risk Summary

Population at risk: 4,031

# of structures: 1,715

Critical facilities: 14

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

Farm/Ranch land impacted (acres): 0

Roadway(s) impacted (length): 30

Number of low water crossings: -

Historical road closures: -

Estimated Cost and Funding Availability

Total Cost: $5,000,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -

FME Area

Regional view of FME area
**Flood Management Evaluation (FME)**

**Title**: Southland Area Drainage and Paving Improvements

**ID#**: 061000474

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

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

### Study Details

**Study type** -

**Study description**: Project for design and construction of storm drainage and paving improvements in the Southland Area. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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<th>New Hydrologic or Hydraulic model?</th>
<th>Emergency Need?</th>
<th>Existing/Anticipated models in near term?</th>
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<td>Harris</td>
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### 100-Year Flood Risk Summary

<table>
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<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
<th>Flood risk type</th>
<th>Coastal</th>
<th>Local</th>
<th>Playa</th>
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<tr>
<td>0</td>
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<td>Riverine? No</td>
<td>No</td>
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<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
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### Estimated Cost and Funding Availability

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<tr>
<td>$30,000</td>
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**Funding source** -

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![FME Area](image1.png)

![Regional view of FME area](image2.png)
Flood Management Evaluation (FME)

Title: Spring Creek - Neighborhood Future Floodplain Analysis

ID#: 061000515

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

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Spring Creek watershed.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Harris, Waller, Montgomery, Grimes

Watershed HUC#: (if known) -

Drainage area (Square miles, est.): -

Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 17,055

# of structures: 4,185

Critical facilities: 44

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

Farm/Ranch land impacted (acres): 232

Roadway(s) impacted (length): 106

Number of low water crossings: 27

Historical road closures: 27

Estimated Cost and Funding Availability

Total Cost: $1,000,000

Funding source: -

Amount of Available Funding: -

Federal funding availability: -
**Flood Management Evaluation (FME)**

**Title**: Spring Creek Local Drainage Study

**ID**: 061000539

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

**RFPG recommend?**: -

**Reason for Recommendation**: -

**Study Details**

<table>
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<td>The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Spring Creek watershed.</td>
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**New Hydrologic or Hydraulic model?**: -

**Emergency Need?**: No

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

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<th>Harris, Montgomery, Waller, Grimes</th>
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<tr>
<td>Watershed HUC# (if known)</td>
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| Drainage area (Square miles, est.) | - |
| Goal(s) | - |

**100-Year Flood Risk Summary**

<table>
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<tr>
<th>Population at risk</th>
<th>17,055</th>
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<tbody>
<tr>
<td># of structures</td>
<td>4,185</td>
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<tr>
<td>Critical facilities</td>
<td>44</td>
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<tr>
<th>Flood risk type:</th>
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<th>Local? Yes</th>
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<tr>
<td>Farm/Ranch land impacted (acres)</td>
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<td>Number of low water crossings</td>
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<tr>
<td>Roadway(s) impacted (length)</td>
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<tr>
<td>Historical road closures</td>
<td>27</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Estimated Cost and Funding Availability**

| Total Cost | $1,000,000 |
| Amount of Available Funding | - |
| Federal funding availability | - |

**FME Area**

**Regional view of FME area**
### Flood Management Evaluation (FME)

**Title:** Spring Gully & Goose Creek - Neighborhood Future Floodplain Analysis

**ID:** 061000530

**Sponsor:** Harris (County)

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

### Study Details

**Study type:** Watershed Planning

**Study description:** Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Spring Gully & Goose Creek watershed.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>-</th>
<th>Emergency Need?</th>
<th>No</th>
<th>Existing/Anticipated models in near term?</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Harris</td>
<td>Watershed HUC# (if known)</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Drainage area (Square miles, est.)</td>
<td>-</td>
<td>Goal(s)</td>
<td>06000010, 06000015</td>
<td>-</td>
<td></td>
</tr>
</tbody>
</table>

### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>5,995</th>
<th># of structures</th>
<th>1,882</th>
<th>Critical facilities</th>
<th>64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood risk type:</td>
<td>Riverine?</td>
<td>Yes</td>
<td>Coastal?</td>
<td>No</td>
<td>Local?</td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>73</td>
<td>Roadway(s) impacted (length)</td>
<td>33</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>1</td>
<td>Historical road closures</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Estimated Cost and Funding Availability

<table>
<thead>
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<tbody>
<tr>
<td>Amount of Available Funding</td>
<td>-</td>
</tr>
<tr>
<td>Federal funding availability</td>
<td>-</td>
</tr>
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</table>

### Maps

- **FME Area**
- **Regional view of FME area**
Study Details

Study type: Watershed Planning

Study description: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Spring Gully & Goose Creek watershed.

New Hydrologic or Hydraulic model? -
Emergency Need? No
Existing/Anticipated models in near term? -

County: Harris
Watershed HUC# (if known) -

Drainage area (Square miles, est.) -
Goal(s) 06000015

100-Year Flood Risk Summary

Population at risk: 5,995
# of structures: 1,882
Critical facilities: 64

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

Farm/Ranch land impacted (acres): 73
Roadway(s) impacted (length): 33
Number of low water crossings: 1
Historical road closures: 1

Estimated Cost and Funding Availability

Total Cost: $1,000,000
Amount of Available Funding: -
Federal funding availability: -
### Study Details

<table>
<thead>
<tr>
<th>Study type</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Study description</td>
<td>Project for design and construction of storm drainage and paving improvements in the Spring Shadows Areas to mitigate structural flooding risk. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.</td>
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<table>
<thead>
<tr>
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<tbody>
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<td>Emergency Need?</td>
<td>-</td>
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<tr>
<td>Existing/Anticipated models in near term?</td>
<td>-</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>Harris</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drainage area (Square miles, est.)</td>
<td>0</td>
</tr>
<tr>
<td>Watershed HUC# (if known)</td>
<td>120401040302</td>
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<tr>
<td>Goal(s)</td>
<td>-</td>
</tr>
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### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flood risk type:</td>
<td>Riverine? No</td>
</tr>
<tr>
<td>Coastal? No</td>
<td></td>
</tr>
<tr>
<td>Local? No</td>
<td></td>
</tr>
<tr>
<td>Playa? No</td>
<td></td>
</tr>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>-</td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>-</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>-</td>
</tr>
<tr>
<td>Historical road closures</td>
<td>-</td>
</tr>
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### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>$30,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount of Available Funding</td>
<td>-</td>
</tr>
<tr>
<td>Federal funding availability</td>
<td>-</td>
</tr>
</tbody>
</table>
**Flood Management Evaluation (FME)**

**Title**: St. Charles Street Drainage Improvements Project

**ID#**: 061000551

**Sponsor**: League City (Municipality)

**RFPG recommend?**

**Reason for Recommendation**

---

**Study Details**

**Study type**: Project Planning

**Study description**: Further analysis of proposed storm sewer improvements to St Charles Street and evaluation of detention.

**New Hydrologic or Hydraulic model?**

**Emergency Need?**

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

**County**: Galveston

**Watershed HUC# (if known)**

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

**Goal(s)**

---

**100-Year Flood Risk Summary**

**Population at risk**: 1,168

**# of structures**: 240

**Critical facilities**: 2

**Flood risk type**: Riverine? Yes

**Coastal?** No

**Local?** Yes

**Playa?** No

**Farm/Ranch land impacted (acres)**: 2

**Roadway(s) impacted (length)**: 3

**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**

---

**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

Title: Texas Avenue-Magnolia-MedicalCenterBlvd-Hwy3 Drainage Improvement Study

ID#: 061000554

Sponsor (name of entity, not person): Webster (Municipality)

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Project Planning

Study description: Evaluate existing flood risk in a portion of the city bounded by Magnolia St, Texas Avenue, Hwy3, and Medical Center Blvd. Identify solutions to mitigate flood risk in this area.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Harris

Watershed HUC#: (if known) -

Drainage area (Square miles, est.): -

Goal(s): -

100-Year Flood Risk Summary

Population at risk: 0

# of structures: 0

Critical facilities: 0

Flood risk type: Riverine? No

Coastal? No

Local? Yes

Playa? No

Farm/Ranch land impacted (acres): 0

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: -

Map of the FME area with Webster (Municipality) highlighted.
Flood Management Evaluation (FME)

Title: TIRZ17 Memorial City Area Detention Basin

ID#: 061000478

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

RFPG recommend?: -
Reason for Recommendation: -

Study Details

Study type:

Study description: Provides for right-of-way acquisition, design and construction of detention basins to mitigate impacts in the Memorial City Area. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

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): -

100-Year Flood Risk Summary

Population at risk: 0
# of structures: -
Critical facilities:
Riverine?: No
Coastal?: No
Local?: No
Playa?: 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: $30,000
Amount of Available Funding: -
Federal funding availability: -
Funding source: -
Flood Management Evaluation (FME)

**Title:** Turkey Gully

**ID#:** 061000483

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

**RFPG recommend:** -  
**Reason for Recommendation:** -

**Study Details**

**Study type:** -

**Study description:** This study will analyze the local drainage systems in the Shady Acres area to divert stormwater flow from Turkey Gully to White Oak Bayou. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
<th>Emergency Need?</th>
<th>Existing/Anticipated models in near term?</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
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</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Watershed HUC# (if known)</th>
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<tbody>
<tr>
<td>Harris</td>
<td>120401040304</td>
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</table>

**Drainage area (Square miles, est.):** 0

**Goal(s):** -

**100-Year Flood Risk Summary**

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>983</td>
<td>544</td>
<td>1</td>
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</table>

<table>
<thead>
<tr>
<th>Flood risk type:</th>
<th># of structures</th>
<th>Roadway(s) impacted (length)</th>
<th>Historical road closures</th>
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</thead>
<tbody>
<tr>
<td>Riverine? Yes</td>
<td>544</td>
<td>4</td>
<td>0</td>
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<tr>
<td>Coastal? No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local? No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Playa? No</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other? No</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Number of low water crossings</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
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</table>

**Estimated Cost and Funding Availability**

<table>
<thead>
<tr>
<th>Total Cost</th>
<th>Amount of Available Funding</th>
<th>Federal funding availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>$30,000</td>
<td>-</td>
<td>-</td>
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</table>

**FME Area**

**Regional view of FME area**
Flood Management Evaluation (FME)

Title: West Baytown Phase 2

ID#: 061000538

Sponsor (name of entity, not person): Baytown (Municipality)

RFPG recommend?: -

Study Details

Study type: Project Planning

Study description: Further analysis to become a FMP. This project includes proposed storm sewer improvements to bring the area to accordance with the City of Baytown drainage criteria.

New Hydrologic or Hydraulic model?: No

Emergency Need?: No

Existing/Anticipated models in near term?: Yes

County: Harris

Watershed HUC# (if known): -

Drainage area (Square miles, est.): -

Goal(s): -

100-Year Flood Risk Summary

Population at risk: 302

# of structures: 81

Critical facilities: 0

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

Farm/Ranch land impacted (acres): -

Roadway(s) impacted (length): 2

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: -
### Flood Management Evaluation (FME)

**Title:** Westbury Area Drainage and Paving Improvements Subproject 1 (+30%) -include entire Westbury

**ID#** 061000475

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

**RFPG recommend?** -  

**Reason for Recommendation** -

#### Study Details

**Study type** -

**Study description:** Project for design and construction of storm drainage and paving improvements including a surface detention basin in the Westbury Area. Cost is to perform the BCA and additional analysis to promote this FME to a FMP.

<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
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</tr>
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<tbody>
<tr>
<td>Emergency Need?</td>
<td>-</td>
</tr>
<tr>
<td>Existing/Anticipated models in near term?</td>
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</tbody>
</table>

**County:** Harris  

**Watershed HUC# (if known):** 120401040401

**Drainage area (Square miles, est.):** 0  

**Goal(s):** -

#### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th># of structures</th>
<th>Critical facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>469</td>
<td>104</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flood risk type:</th>
<th>Riverine?</th>
<th>Yes</th>
<th>Coastal?</th>
<th>No</th>
<th>Local?</th>
<th>No</th>
<th>Playa?</th>
<th>No</th>
<th>Other?</th>
<th>No</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres):</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roadway(s) impacted (length):</td>
<td>1</td>
</tr>
<tr>
<td>Historical road closures:</td>
<td>0</td>
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#### Estimated Cost and Funding Availability

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

---

**FME Area**

**Regional view of FME area**
### Flood Management Evaluation (FME)

**Title**: White Oak Bayou - Neighborhood Future Floodplain Analysis  
**ID**: 061000523  
**Sponsor (name of entity, not person)**: Harris (County)  
**RFPG recommend?**: -  
**Reason for Recommendation**: -

#### Study Details

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<tbody>
<tr>
<td>Study description</td>
<td>Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for White Oak Bayou watershed.</td>
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<table>
<thead>
<tr>
<th>New Hydrologic or Hydraulic model?</th>
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<tbody>
<tr>
<td>County</td>
<td>Harris</td>
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<td>Watershed HUC# (if known)</td>
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<td>Drainage area (Square miles, est.)</td>
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<td>Goal(s)</td>
<td>06000010, 06000015</td>
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#### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Population at risk</th>
<th>85,064</th>
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</thead>
<tbody>
<tr>
<td># of structures</td>
<td>17,090</td>
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<tr>
<td>Critical facilities</td>
<td>145</td>
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<table>
<thead>
<tr>
<th>Flood risk type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Coastal?</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
<td></td>
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<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Farm/Ranch land impacted (acres)</th>
<th>28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of low water crossings</td>
<td>4</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>281</td>
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<tr>
<td>Historical road closures</td>
<td>4</td>
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#### Estimated Cost and Funding Availability

<table>
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<tr>
<td>Amount of Available Funding</td>
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<td>Federal funding availability</td>
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</tr>
<tr>
<td>Funding source</td>
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Flood Management Evaluation (FME)

Title: White Oak Bayou Local Drainage Study

ID#: 061000524

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

Study Details

Study type: Watershed Planning

Study description: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in White Oak Bayou watershed.

New Hydrologic or Hydraulic model? -

Emergency Need? No

Existing/Anticipated models in near term? -

County: Harris

Watershed HUC# (if known) -

Drainage area (Square miles, est.) -

Goal(s): 06000015

100-Year Flood Risk Summary

Population at risk: 85,064

# of structures: 17,090

Critical facilities: 145

Flood risk type:

- Riverine?: Yes
- Coastal?: No
- Local?: Yes
- Playa?: No

Farm/Ranch land impacted (acres): 28

Roadway(s) impacted (length): 281

Number of low water crossings: 4

Historical road closures: 4

Estimated Cost and Funding Availability

Total Cost: $1,000,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
Flood Management Evaluation (FME)

Title: Willow Creek - Neighborhood Future Floodplain Analysis

ID#: 061000516

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

RFPG recommend?: -

Reason for Recommendation: -

Study Details

Study type: Watershed Planning

Study description: Watershed-wide study investigating neighborhoods at flood risks identified through MAAPNext and best available data for the development of flood mitigation projects for Willow Creek watershed.

New Hydrologic or Hydraulic model?: -

Emergency Need?: No

Existing/Anticipated models in near term?: -

County: Harris

Watershed HUC#: (if known) -

Drainage area (Square miles, est.) -

Goal(s): 06000010, 06000015

100-Year Flood Risk Summary

Population at risk: 2,575

# of structures: 1,317

Critical facilities: 7

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

Farm/Ranch land impacted (acres): 68

Roadway(s) impacted (length): 36

Number of low water crossings: 8

Historical road closures: 8

Estimated Cost and Funding Availability

Total Cost: $1,000,000

Amount of Available Funding: -

Federal funding availability: -

Funding source: -
### 100-Year Flood Risk Summary

<table>
<thead>
<tr>
<th>Risk Type</th>
<th>Population at Risk</th>
<th># of structures</th>
<th>Critical Facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Riverine?</td>
<td>Yes</td>
<td>1,317</td>
<td>7</td>
</tr>
<tr>
<td>Coastal?</td>
<td>No</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Local?</td>
<td>Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Playa?</td>
<td>No</td>
<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>Impact Type</th>
<th>Value</th>
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<tbody>
<tr>
<td>Farm/Ranch land impacted (acres)</td>
<td>68</td>
</tr>
<tr>
<td>Number of low water crossings</td>
<td>8</td>
</tr>
<tr>
<td>Roadway(s) impacted (length)</td>
<td>36</td>
</tr>
<tr>
<td>Historical road closures</td>
<td>8</td>
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### Estimated Cost and Funding Availability

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>Value</th>
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<tbody>
<tr>
<td>Total Cost</td>
<td>$1,000,000</td>
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</table>

<table>
<thead>
<tr>
<th>Funding Category</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amount of Available Funding</td>
<td>-</td>
</tr>
<tr>
<td>Federal funding availability</td>
<td>-</td>
</tr>
</tbody>
</table>

### Study Details

- **Study type**: Watershed Planning
- **Study description**: The main objective of this study is to analyze local subdivision drainage of repetitive loss and high flood risks neighborhoods to produce flood mitigation projects in Willow Creek watershed.

### Information

- **County**: Harris
- **Watershed HUC# (if known)**: 06000015
- **Goal(s)**: 06000015