CHAPTER 9
FLOOD INFRASTRUCTURE FINANCING ANALYSIS

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Texas Water Development Board

DRAFT CHAPTER 9 2023 REGIONAL FLOOD PLAN REGION 6 SAN JACINTO

JUNE 2022

PREPARED FOR THE **SAN JACINTO REGIONAL FLOOD PLANNING GROUP**

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Task 9. Flood Infrastructure Financing Analysis

The objective of this task is to report on how sponsors of the recommended FMSs, FMPs, and FMEs included in this RFP propose to finance projects (in accordance with TAC 361.44). As part of this effort, a survey was collected from the potential sponsors regarding available local funding sources and required state/federal funding. The following sections of this chapter will:

- Cite the known available sources of funding at the local, state and federal level (Section 9.A);
- Summarize the feedback from the sponsor funding survey (Section 9.B); and
- Discuss proposals for the State's role in funding for the FMSs, FMPs, and FMEs covered by this Plan (Section 9.C).

Task 9.A. Sources of Funding

This Regional Flood Plan (RFP) contemplates and proposes a wide and comprehensive variety of flood mitigation solutions to serve the communities within the San Jacinto Region. In many cases, the magnitude and scope of these mitigation solutions exceed the funding capacity of the local governments, regional authorities, and other political subdivisions in the region. Although this section does cite several potential local funding strategies below, it is necessary to identify potential sources for funding assistance at the state and federal level. This section will explore known sources of potential state and federal assistance, and the unique eligibility requirements and funding priorities associated with each program. As specific FMSs, FMPs, and FMEs are advanced, this Chapter may be utilized to identify the assistance programs that best fit the mitigation solution.

Many state and federal programs explored below provide assistance to local sponsors in the form of grants, but some offer low-interest or 0% interest loans. Also, the funding frequency varies, with some programs following an annual or semi-annual funding cycle, some by special appropriation, and some only being triggered following a federally declared disaster. It is important to note that although this section presents a variety of potential funding sources (summarized on Table 1), the field of federal and state assistance programs is always evolving with new programs and new priorities emerging each year.

Table 1: Summary of Federal and State Funding Sources

Primary Federal/State Funding Agency	Program Name	Grant/ Loan/ Both	Post Disaster	Cost Share (Fed or State / Local)	BCA Required
TWDB	Flood Infrastructure Fund	Both	No	Varies	Yes
TWDB (EPA)	Clean Water State Revolving Fund	Loan	No	None	No
TWDB	Texas Water Development Fund	Loan	No	None	No
TSSWCB	Operations & Maintenance Grant Program	Grant	No	90/10	No
TSSWCB	Structural Repair Grant Program	Grant	No	Varies 95-98.25/1.5-5	No
HUD	Community Development Block Grant - Disaster Recovery	Grant	Yes	100/0	No
HUD	Community Development Block Grant - Disaster Recovery	Grant	Yes	99/1*	Maybe**
HUD	Rural Texas Community Development Block Grants Program	Grant	No	100/0	No

Primary Federal/State Funding Agency	Program Name	Grant/ Loan/ Both	Post Disaster	Cost Share (Fed or State / Local)	BCA Required
HUD	Community Development Block Grant - Entitlement Program	Grant	No	100/0	No
FEMA	Hazard Mitigation Grant Program	Grant	Yes	75/25	Yes
FEMA	Public Assistance	Grant	Yes	75/25 (90/10)	Yes
FEMA	Building Resilient Infrastructure and Communities	Grant	No	75/25	Yes
FEMA	Flood Mitigation Assistance	Grant	No	75/25	Yes
FEMA	Coordinating Technical Partners	Grant	No	100/0	No
FEMA	Rehabilitation of High Hazard Potential Dams	Grant	No	65/35	No
FEMA	Safeguarding Tomorrow Through Ongoing Risk Mitigation Act	TBD	No	TBD	TBD
NRCS	Emergency Watershed Protection Program	Grant	Yes	75/25 (90/10)	No
NRCS	Watershed and Flood Prevention Operations	Grant	No	Varies	Indirect***
NRCS	Watershed Rehabilitation	Grant	No	65/35	Indirect***
USACE	Continuing Authorities Program	Grant	No	Varies 50-75/25-50	Indirect***
EDA	Various	Grant	Yes/No	Varies 50-80/20-50	No
Congress	Community Project Funding	Grant	No	75/25****	Yes

* CDBG-MIT does not have a statutory Cost Share requirement, but in scoring applications, preference is given to projects with at least 1% local share

** CDBG-MIT only requires a BCA for covered projects (cost over $100 million)

*** These programs don't require a BCA at application but may require coordination between applicant and funding agency to populate BCA in development of the project

**** CPF cost share may vary based upon the federal program that is used for disbursement of funds

9.A.1. Local Funding

It is widely accepted that flood risk mitigation is an important funding priority for a community, especially in the San Jacinto region. However, many communities, especially smaller, rural, or disadvantaged communities often face the challenge of limited local resources. Difficult decisions must be made regarding allocation of the limited local funding that is available across all of the community's needs, sometimes leaving insufficient funding available for flood mitigation activities. Unlike other forms of infrastructure, flood mitigation measures do not typically generate revenue, further complicating the approach to funding. Through the RFPG's survey outreach efforts, the RFPG aimed to identify local funding strategies that are already in place. More specific details regarding the survey results are provided in Section 9.B below, but this section will explore the available local funding options available to sponsors.

9.A.1.a. General Fund

The most basic source of local funding is the agency's general fund, which is typically financed through tax revenue (sales, property, hotel, etc.). However, the general fund is usually in high demand and is used to operate basic community services (fire, police, administration, sanitation, utilities, etc.). With limited revenues and multiple budgetary demands, the general fund is not a reliable source for financing meaningful flood mitigation strategies in many counties and municipalities. Although communities can increase revenue through higher taxes rates, voters in this region often reject tax increases.

9.A.1.b. Usage or Impact Fees

One tool that many communities have employed to generate funding at the local level is a usage fee. For flood-related funding, this would take the form of a drainage/stormwater fee or a development impact fee. A community could assess a fee for existing and/or new users that discharge stormwater into the existing community drainage system, typically based on the rate of discharge. Another option would be to assess impact fees as part of the community permitting process during development based upon the expected stormwater runoff from the developed property. Critics of this type of funding source may claim that it restricts commercial investment in a community, but usage/impact fees are typically a more palatable source of income than taxes since they are fundamentally based upon the level to which a user impacts the community's stormwater system.

9.A.1.c. Debt & Bonds

Another local funding tool is generate capital by issuing debt, typically in the form of bonds. Bonds are often repaid through dedicated revenue generated by taxes or fees. In Texas, issuing bonds is governed at the State level by Texas Bond Review Board.

9.A.1.d. Special Districts

One final option for local funding is to establish a special district to provide specific services to the community contained within the district. These can take various forms, but in this region they are most often called Municipal Utility Districts (MUD), Flood Control Districts (FCD), Drainage Districts (DD), and Water Control and Improvement Districts (WCID). One of the biggest benefits of special districts is that they are typically focused on a single service (such as flood mitigation) which allows the local county or municipal government to attend to other important community needs. There are many rules and laws governing each type of district, depending on whether the district is created at the state, county or city level. Often these districts are supported by taxes or user fees, but some may have the ability to issue debt through bonds.

Each of these local funding options have their own benefits and drawbacks. However, even with these options, the total flood mitigation need surpasses the total local funding available for most of the communities in this region. Therefore, communities are forced to explore alternative funding at the state and federal level.

9.A.2. State Funding

Texas has taken great strides, especially in recent years, to provide meaningful flood mitigation assistance to its residents. Following Hurricane Harvey, the 86th Texas Legislature passed Senate Bill 7 in 2019, which established multiple state funding sources for flood control initiatives. In addition, many of the federal programs outlined in Section 9.A.3 below involve close

coordination with a partner state agency to manage and administer funds at the state level. Most flood mitigation programs in Texas operate through one of the following state agencies:

- Texas Water Development Board (TWDB)
- Texas Department of Emergency Management (TDEM)
- Texas State Soil and Water Conservation Board (TSSWCB)

Below, this plan will explore the state-level programs available to local communities for assistance in combating flood risks. It should be noted that these programs are not available to individual residents, but local governments and agencies may apply on behalf of their communities.

9.A.2.a. TWDB Flood Infrastructure Fund (FIF)

Established by Senate Bill 7 in 2019 and subsequently approved by voters, the FIF program provides critical financial assistance for flood control, flood mitigation and drainage projects. FIF rules allow for a wide range of flood projects, including structural and nonstructural projects as well as nature-based solutions. Examples include, but are not limited to:

- Planning Phase & Preliminary engineering
- Feasibility, Design, & H&H studies
- Drainage infrastructure
- Flood control or mitigation infrastructure
- Retention/Detention basins
- Nonstructural flood mitigation
- Levees & Pump stations
- Restoration of floodplains, wetlands, etc.
- Natural erosion and runoff control
- Warning systems & Stream gages

Type of Financial Assistance

The FIF program provides financial assistance in the form of grants and 0% interest loans. FIF assistance can also be used to meet non-federal cost share requirements for federal disaster recovery grants, such as FEMA PA or HMGP.

Funding Priorities

The FIF program includes 4 categories that focus on different priorities.

- Category 1 - Flood Protection Planning for Watersheds
- Category 2 - Planning, Acquisition, Design, Construction, Rehabilitation
- Category 3 - Federal Award Matching Funds
- Category 4 - Measures immediately effective at protecting life and property

Under the scoring criteria published by TWDB, additional points are awarded to projects that:

- Will provide benefits to multiple applicants
- Will be completed quickly (less than 18 months, or less than 36 months)
- Benefit a rural applicant
- Provides water supply benefits
- Fulfill an urgent or immediate need

Cost Share Requirements

The FIF program grant funding percentages will vary by project based upon priority scoring and available funding. Any project costs beyond the awarded grant percentage will be considered local share. Recipient may either use its own

available funds or borrow FIF funds at low or no interest for any portion of the required local share not provided through the FIF grant funds.

Funding Frequency

The FIF Program was funded by special appropriation from the Texas state legislature in 2019. Additional appropriations will be required to continue this program.

Benefit Cost Analysis (BCA)

The FIF program did not require a BCA during the application review and prioritization process. However, before program funding is authorized, applicants must be able to demonstrate a BCR greater than 1.0. TWDB may accept a project with a BCR less than 1.0 in select cases if sufficient justification can be provided. FIF does not require the use of any specific BCA tools, but does refer applicants to FEMA's and USACE's tools. Additionally, FIF exempts the following projects from BCR thresholds:

- Studies that are aimed at identifying potential projects
- Flood Early Warning Systems
- Flood Response Plans

9.A.2.b. TWDB Clean Water State Revolving Fund (CWSRF) Loan Program

The CWSRF assists communities with a wide range of wastewater, stormwater, reuse, and other pollution control projects. Streamlining of the program provides year-round funding as projects are included in the CWSRF Intended Use Plan. Through fiscal year 2022, the program has committed approximately $11 billion for projects across Texas.

Generally, the CWSRF is intended to provide assistance with planning, design, acquisition, and construction of:

- Wastewater treatment facilities
- Wastewater recycling and reuse facilities including "purple pipe" distribution systems
- Nonpotable reuse
- Wastewater collection systems
- Existing wastewater facilities
- Stormwater control
- Nonpoint source pollution control projects, such as correction of failing on-site systems and wetlands restoration
- Estuary management projects identified in either the Galveston Bay or Coastal Bend Estuary Management Plans

Type of Financial Assistance

The CWSRF program provides assistance through low interest loans with up to a 30-year repayment period. Principal forgiveness is available on a limited basis to eligible disadvantaged communities, small/rural disadvantaged communities, very small systems, green projects, emergency preparedness, and urgent need projects. In Texas, the CWSRF is administered by TWDB. The initial maximum funding limit is $44 million per project.

Funding Priorities

The CWSRF heavily emphasizes pollution and groundwater benefits. Flood mitigation projects that also demonstrate some level of pollution or groundwater benefit should be considered for possible funding assistance under this program. Additionally, projects must be consistent with the current TWDB State Water Plan.

Cost Share Requirements

As a loan program, there are no cost share requirements for the CWSRF.

Funding Frequency

The CWSRF is funded by federal grants to state agencies to capitalize the loans and then continuously funded by the program's interest and loan repayments.

Benefit Cost Analysis (BCA)

The EWP/TWDB program does not require any benefit cost analysis from local sponsors.

9.A.2.c. TWDB Texas Water Development Fund (DFund)

The DFund is a flexible program at the State level that can provide assistance to local communities for a variety of water supply, wastewater, and flood control initiatives. The types of flood control projects that are eligible under this program include:

- construction of storm water retention basins
- enlargement of stream channels
- modification or reconstruction of bridges
- acquisition of floodplain land for use in public open space
- relocation of residents of buildings removed from a floodplain
- public beach re-nourishment
- flood warning systems
- control of coastal erosion
- development of flood management plans

Type of Financial Assistance

The DFund program provides assistance through low interest loans, typically far below market rates, with terms of up to 30 years. There is no maximum funding limit.

Funding Priorities

The DFund focuses on providing funding for planning, design, acquisition, and construction of projects for water supply, conservation, water quality, flood control, wastewater, and municipal solid waste. Projects must be consistent with the current TWDB State Water Plan. Entities receiving assistance greater than $500,000 must adopt a water conservation and drought contingency plan.

Cost Share Requirements

As a loan program, there are no cost share requirements for the DFund.

Funding Frequency

The DFund is funded directly by the Texas Legislature. Applications for loans are accepted throughout the year.

Benefit Cost Analysis (BCA)

The DFund does not require any benefit cost analysis from local sponsors.

9.A.2.d. Texas Department of Emergency Management (TDEM)

As the state agency responsible for emergency preparedness, response, and recovery, TDEM is a critical component in flood risk reduction process. For many of the programs funded by FEMA, TDEM serves as the Applicant, receiving the direct Federal funds and administering the grants from application to closeout. For the HMGP program outlined in Section 9.A.3.e below, TDEM is responsible for selecting the projects for funding, pending approval by FEMA.

9.A.2.e. TSSWCB Operations and Maintenance (O&M) Grant Program

The TSSWCB's O&M Program provides necessary state-level support to local sponsors and Soil and Water Conservation Districts (SWCDs) for Operation and Maintenance costs associated with dams originally constructed with assistance from the United States Department of Agriculture - Natural Resources Conservation Service (USDA-NRCS). Even though this program provides critical financial assistance through 90/10 cost share grants, it is only designed to help maintain existing dam infrastructure, not to construct new flood mitigation measures or improve existing flood control structures.

9.A.2.f. TSSWCB Structural Repair Grant Program

The TSSWCB's Structural Repair Grant Program provides state assistance for dam repair and upgrade projects. Funds through this program can also be used as local match funding for the grants received through the NRCS Dam Rehabilitation Program and Emergency Watershed Protection Program (EWP).

Type of Financial Assistance

This program provides assistance through grants.

Funding Priorities

This program prioritizes repairs and upgrades to existing dams that pose a threat to life and property.

Cost Share Requirements

This program provides a state cost share of 95% for allowable dam repair activities and 98.25% of dam upgrade projects. Grant funds can be leveraged toward local cost share requirements of specific NRCS grant programs.

Funding Frequency

The program is funded directly by the Texas Legislature, most recently through supplemental appropriations approved in 2019.

Benefit Cost Analysis (BCA)

The program does not require any benefit cost analysis from local sponsors

9.A.3. Federal Funding

Even with the local and state funding sources outlined above, it would not be possible to complete many of the FMEs, FMSs and FMPs included in the Plan without assistance from the federal level. This section explores available funding programs through a variety of federal Departments and Agencies. It is important to note that many of these programs involve at least one state agency as a partner for administration of the funding. The table below summarizes the list of programs with Federal sponsoring agency and the state partner agency, where applicable.

Table 2: Federal Funding Sources with Sponsor Agency and State Affiliate

Federal Sponsoring Agency	Program Name	State Affiliated Agency
HUD	Community Development Block Grant - Disaster Recovery	GLO
HUD	Community Development Block Grant - Disaster Recovery	GLO
HUD	Rural Texas Community Development Block Grants Program	TDA
HUD	Community Development Block Grant - Entitlement Program	N/A
FEMA	Hazard Mitigation Grant Program	TDEM
FEMA	Public Assistance	TDEM
FEMA	Building Resilient Infrastructure and Communities	TDEM
FEMA	Flood Mitigation Assistance	TWDB
FEMA	Coordinating Technical Partners	-
FEMA	Rehabilitation of High Hazard Potential Dams	-
FEMA	Safeguarding Tomorrow Through Ongoing Risk Mitigation Act	TCEQ
NRCS	Emergency Watershed Protection Program	-
NRCS	Watershed and Flood Prevention Operations	-
NRCS	Watershed Rehabilitation	TSSWCB
USACE	Continuing Authorities Program	-
EPA	Clean Water State Revolving Fund	TWDB
EDA	Various	Regional Councils
Congress	Community Project Funding	Varies

9.A.3.a. HUD Community Development Block Grant-Disaster Recovery (CDBG-DR)

The CDBG-DR program through the United States Department of Housing and Urban Development (HUD) is a long-standing federal program that provides grants to rebuild affected areas and provide crucial seed money to start the recovery process. These flexible grants help cities, counties, and States recover from presidentially declared disasters, especially in low-income areas, subject to availability of supplemental appropriations. Since CDBG-DR assistance may fund a broad range of recovery activities, HUD can help communities and neighborhoods that otherwise might not recover due to limited resources. This program is popular due to its favorable local cost share requirements and the potential to apply grant funds toward local cost share under other federal assistance programs. In Texas, CDBG-DR grants are administered at the state level through the Texas General Land Office (GLO). The GLO is responsible for establishing an Action Plan to set specific criteria for scoring and selection of potential projects for funding, and then for scoring, projects selection/award, and oversight through the closeout of the grants.

Type of Financial Assistance

The CDBG-DR program provides assistance in the form of grants administered through the GLO.

Funding Priorities

Assistance provided under the CDBG-DR program must achieve at least one of the program's National Objectives which are explored in greater detail below:

- Low- and Moderate-Income (LMI)
- Slum/Blight
- Urgent Need

Although some mitigation solutions may be funded under the Urgent Need National Objective, it is anticipated that the LMI National Objective will need to be met to qualify for funding assistance for the FMSs, FMPs, and FMEs covered by this Plan.

Cost Share Requirements

CDBG-DR does not require that the grantee meet a cost share requirement. 100% of the funding may be utilized for any eligible activity. Additionally, CDBG-DR funds may be used to satisfy the cost-share requirements of the FEMA Public Assistance (PA) Program. This included developing a joint Implementation Guidance that outlines a flexible approach to using HUD CDBG-DR funding for the PA local cost-share requirements (flexible match).

The flexible match concept allows CDBG-DR funding to be applied to distinct facilities or sites within a PA project. Applying the flexible match concept reduces the number of sites that must meet both FEMA PA and CDBG-DR requirements. While all the sites and facilities must comply with FEMA PA requirements, only the CDBG-DR assisted portion of the project must comply with CDBG-DR requirements.

Funding Frequency

The CDBG-DR is funded by special appropriation of Congress following a federally declared natural disaster. Unlike other recovery assistance programs administered by the FEMA and the U.S. Small Business Administration (SBA), CDBG-DR assistance is not permanently authorized. After Congress appropriates funding to the CDBG-DR program, HUD formally announces the CDBG-DR awards and publishes rules for the awards in a Federal Register notice.

Benefit Cost Analysis (BCA)

The CDBG-DR program does not have a BCA requirement.

9.A.3.b. HUD Community Development Block Grant-MIT (CDBG-MIT)

Recently, HUD has established this new CDBG program which aims to enable communities to proactively implement innovative climate adaptation solutions that will make their communities more resilient and equitable following federally declared disasters. As mitigation is the primary National Objective for CDBG-MIT activities, eligible activities are those that increase resilience to future disasters and reduce or eliminate the long-term risk of loss of life, injury, damage to and loss of property, and suffering and hardship. Although this program was only just created in 2018, it may present a strategic source of funding for the FMSs, FMPs, and FMEs covered by this Plan following future disasters.

Type of Financial Assistance

The CDBG-MIT program provides assistance in the form of grants administered through the GLO.

Funding Priorities

As with CDBG-DR, the CDBG-MIT program heavily emphasizes benefits to LMI households, with a requirement that at least 50% of the programs funds be used for LMI benefits. However, the CDBG-MIT does differ from CDBG-DR with the

following changes in National Objectives. The Slum/Blight objective does not apply under CDBG-MIT and in its place a new national objective titled Urgent Need Mitigation (UNM) was adopted. UNM requires that Grantees identify how their proposed use of CDBG-MIT funds will accomplish the following:

- Address the current and future risks as identified in the Mitigation Needs Assessment of most impacted and distressed areas; and yield a community development benefit,
- Will result in a measurable and verifiable reduction in the risk of loss of life and property.

Cost Share Requirements

CDBG-MIT does not require that the grantee meet a cost share requirement. 100% of the funding may be utilized for any eligible mitigation activity. However, depending on the funding prioritizations set by GLO, projects may have a higher chance of funding if the applicant demonstrates local leverage funding of at least 1%.

Funding Frequency

The CDBG-MIT is funded by special appropriation of Congress following a federally declared natural disaster. Like the CDBG-DR program, CDBG-MIT is not permanently authorized and only receives funding through Congressional appropriation.

Benefit Cost Analysis (BCA)

For projects under $100 million there is no BCA requirement. For projects over $100 million, CDBG-MIT requires that applicants demonstrate a Benefit Cost Ratio (BCR) >1.0. Although use of FEMA's BCA Toolkit is highly encouraged for generating the BCA, alternative methodologies may be employed by an applicant, as long as the that BCA accounts for economic development, community development and other social/community benefits or costs.

9.A.3.c. Rural Texas Community Development Block Grant Program (TxCDBG)

HUD provides funding directly to the State for the TxCDBG program to provide assistance to small, rural cities with populations less than 50,000 and to counties that have a non-metropolitan population under 200,000 and are not eligible for direct funding from HUD through the Entitlement Program (see Section 9.A.3.d below). In Texas, this program is administered by the Texas Department of Agriculture (TDA).

Type of Financial Assistance

The TxCDBG provides assistance through grants.

Funding Priorities

The TxCDBG program follows the same national objectives as CDBG-DR, but most projects fulfill HUD's first national objective, by benefiting at least 51% low- to moderate-income persons. Although funding under this program is heavily focused on community-building and housing activities, it may be possible to utilize funding for select flood mitigation activities if significant LMI benefit is achieved and applicants can demonstrate how the proposed mitigation helps to rehabilitate the affected community.

Cost Share Requirements

The TxCDBG program does not have a cost share requirement.

Funding Frequency

This TxCDBG program is funded annually by appropriation from Congress.

Benefit Cost Analysis (BCA)

The TxCDBG program does not have a BCA requirement.

9.A.3.d. HUD Community Planning and Development (CPD) CDBG Entitlement Program

HUD awards assistance through this program to entitlement jurisdictions, or cities with populations of 50,000 or more and counties with populations of 200,000 or more.

Type of Financial Assistance

The CDBG Entitlement Program awards assistance in the form of grants.

Funding Priorities

This program follows the same funding priorities as TxCDBG in the previous section.

Cost Share Requirements

The CDBG Entitlement program does not have a cost share requirement.

Funding Frequency

This CDBG Entitlement program is funded annually by appropriation from Congress.

Benefit Cost Analysis (BCA)

The CDBG Entitlement program does not have a BCA requirement.

9.A.3.e. FEMA Hazard Mitigation Grant Program (HMGP)

The Hazard Mitigation Grant Program (HMGP) through the Federal Emergency Management Agency (FEMA) provides funding to state, local, tribal and territorial governments so they can develop hazard mitigation plans and rebuild in a way that reduces, or mitigates, future disaster losses in their communities. Following presidentially declared disasters, FEMA awards HMGP funding to affected states on a sliding scale based on the percentage of funds spent on Public and Individual Assistance for the disaster. In Texas, funds are administered by the Texas Department of Emergency Management (TDEM) and awarded to eligible agencies through evaluation of competitive applications. State, local, and tribal agencies must develop and adopt hazard mitigation plans to receive funding for their hazard mitigation projects.

Type of Financial Assistance

The Hazard Mitigation Grant Program provides assistance in the form of grants administered through TDEM.

Funding Priorities

HMGP emphasizes long-term efforts to reduce risk and the potential impact of future disasters. HMGP assists communities in rebuilding in a better, stronger, and safer way in order to become more resilient overall. The grant program can fund a wide variety of mitigation projects.

- Planning and Development
  - Developing and adopting or updating hazard mitigation plans;
  - Acquisition of hazard prone homes and businesses to restore open space in floodplains;
  - Post-disaster code enforcement
- Flood Protection
  - Protecting homes and businesses with permanent barriers to prevent floodwater from entering (levees, floodwalls, and flood-proofing);
  - Elevating structures above known flood levels to prevent and reduce losses (elevation);

  - Reconstructing a damaged dwelling on an elevated foundation to prevent and reduce future flood losses; and
  - Drainage improvement projects to reduce flooding (flood risk reduction projects).
- Retrofitting
  - Structural retrofits to make a building more resistant to floods, earthquakes, wind, wildfire and other natural hazards; and
  - Retrofits to utilities and other infrastructure to enhance resistance to natural hazards (utility retrofits).
- Construction
  - Construction of safe rooms for both communities and individual residences in areas prone to hurricane and tornado activity; and Slope stabilization projects to prevent and reduce losses to structures.

Cost Share Requirements

The federal cost share through the HMGP is typically limited to 75%, with the remaining 25% covered by state/local sources.

It should be noted that on March 15, "H.R. 2471, Consolidated Appropriations Act, 2022" was signed into law, which granted a minimum 90% federal cost share for any emergency or major disaster declaration declared occurring or having an incident period beginning between, Jan.1, 2020 and Dec. 31, 2021. However, there is no indication at this time that this higher federal cost share will be extended to future disasters.

Funding Frequency

The HMGP is funded following a presidentially-declared disaster on a sliding scale based on the percentage of funds spent on Public and Individual Assistance in a given state for the applicable disaster. Funding is provided through allocations from the federal Disaster Relief Fund (DRF) which is supplied by Congressional appropriations to the Department of Homeland Security.

Benefit Cost Analysis (BCA)

HMGP requires that applicants demonstrate a BCR>1.0, as calculated using FEMA's BCA Toolkit.

9.A.3.f. FEMA Public Assistance (PA)

When an area has received a Presidential declaration of an emergency or major disaster, then its state, tribal, territorial and local governments may be eligible to apply for Public Assistance (PA). Public Assistance is primarily provided to restore the function and capacity of facilities to their pre-disaster condition. However, this program also provides mitigation funds through Section 406 to improve damaged facilities to reduce the risk of similar damage in the future.

Type of Financial Assistance

The PA Program provides assistance in the form of grants administered through TDEM. Mitigation funds are provided as part of the grant to restore the damaged facility.

Funding Priorities

The PA Program provides Section 406 mitigation funds for eligible damaged facilities if the proposed mitigation measures reduce risk of similar damages in the future, are cost-effective, are technical feasible, and are in compliance with all applicable laws and regulations.

Cost Share Requirements

The federal cost share through the PA is typically limited to 75%, with the remaining 25% covered by state/local sources. Depending on the severity of the disaster, Congress may authorize a 90/10 or 100/0 federal/non-federal cost share for the PA program, including mitigation funds.

Funding Frequency

The PA Program is funded following a presidentially-declared disaster through allocations from the DRF.

Benefit Cost Analysis (BCA)

The PA program requires that applicants demonstrate a project is cost effective. FEMA considers a mitigation measure cost effective if any one of the following three criteria are met:

- The cost for the mitigation measure does not exceed 15 percent of the damaged facility's repair cost to which mitigation measures apply; or
- The mitigation measure must specifically be listed in Appendix J: Cost-Effective Hazard Mitigation Measures, AND the cost of the mitigation measure does not exceed 100 percent of the damaged facility's repair cost to which the mitigation measure applies; or
- The mitigation measure provides a BCR>1.0, as calculated using FEMA's BCA Toolkit.

9.A.3.g. FEMA Building Resilient Infrastructure and Communities (BRIC)

The BRIC program supports states, local communities, tribes and territories as they undertake hazard mitigation projects, reducing the risks they face from disasters and natural hazards. The BRIC program shifts the federal focus from reactive disaster spending to proactive investment in community resilience. This way, communities are better prepared and remain resilient when a hurricane, flood or wildfire occurs. Like it's predecessor, the Pre Disaster Mitigation program, BRIC provides funds annually for hazard mitigation planning and projects to reduce risk before a disaster.

It is important to note that Applicants must have a FEMA-approved State or Tribal Hazard Mitigation Plan by the application deadline and at the time of obligation of grant funds in order to qualify for BRIC grants.

Type of Financial Assistance

The BRIC program provides assistance in the form of grants administered through TDEM. The majority of allotted funding is awarded through a nationwide competition, but approximately $1 million is allocated to each state annually for Planning and Capability & Capacity Building activities.

Funding Priorities

The BRIC program aims to categorically shift the federal focus away from reactive disaster spending and toward research-supported, proactive investment in community resilience. BRIC projects must:

- Mitigate natural hazard risk to critical physical structures, facilities, and systems that provide support to a community, its population, and its economy
- Incorporate nature-based solutions
- Meet either of the two latest published editions of relevant consensus-based codes, specifications and standards (see note below)
- Be cost effective
- Align with the applicable hazard mitigation plan
- Meet all environmental and historic preservation (EHP) requirements

As mentioned above, the BRIC program emphasizes adoption of current building codes, and encourages this emphasis through scoring prioritization under the national funding competition. In order to receive maximum scoring, states must adopt state-wide the 2015 (or newer) International Building Code and International Residential Code. Unfortunately, since Texas has not adopted these statewide building codes, projects in Texas will face a tremendous disadvantage when scored against states that have adopted these codes.

Cost Share Requirements

The federal cost share through the BRIC is typically limited to 75%, with the remaining 25% covered by state/local sources. However, small and impoverished communities are eligible for 90 percent federal cost share. A small and impoverished community is defined as:

- Population – A community of 3,000 or fewer individuals identified as a rural community that is not a remote area within the corporate boundaries of a larger city or boundary.
- Economy – Be economically disadvantaged, with residents having an average per capita annual income not exceeding 80 percent of the national per capital income.

However, FEMA awards 10 points to applications if the local sponsor is prepared to provide a higher non-federal cost share (12% for small and impoverished communities and 30% for other agencies). These 10 points may be necessary for successful funding through the nationwide competition.

Funding Frequency

The BRIC program is funded annually by a 6% set-aside from post-disaster grant expenditures under FEMA's HMGP, PA, and Individual Assistance programs. The BRIC program was also recently funded for an additional $200 million per year for Fiscal Years 2022-2026 ($1 billion total) above the 6% set-aside.

Benefit Cost Analysis (BCA)

BRIC requires that applicants demonstrate a BCR>1.0, as calculated using FEMA's BCA Toolkit.

9.A.3.h. FEMA Flood Mitigation Assistance (FMA)

The Flood Mitigation Assistance Program is a competitive grant program that provides funding to states, local communities, federally recognized tribes and territories. Funds can be used for projects that reduce or eliminate the risk of repetitive flood damage to buildings insured by the National Flood Insurance Program (NFIP). FEMA chooses recipients based on the applicant's ranking of the project and the eligibility and cost-effectiveness of the project. FMA funds may be used for projects that reduce or eliminate the risk of repetitive flood damage to buildings insured by the National Flood Insurance Program.

Type of Financial Assistance

The FMA program provides assistance in the form of grants administered through TWDB.

Funding Priorities

FMA prioritizes planning and flood hazard mitigation projects that will reduce flood risk to buildings insured under the NFIP. Special emphasis is applied to projects that reduce flood risk to Repetitive Loss and Severe Repetitive Loss properties. Projects must:

- Be cost effective
- Be located in a participating NFIP Community (In good standing)
- Align with the applicable hazard mitigation plan
- Meet all environmental and historic preservation (EHP) requirements

Cost Share Requirements

Generally, the cost share for this program is 75% federal / 25% non-federal. The federal cost share may be increased for individual property flood mitigation projects, but Community Flood Mitigation projects are limited to 75% federal cost share.

Funding Frequency

The FMA program is funded annually by Congressional appropriations and managed by FEMA. The FMA program was recently funded for $700 million per year for Fiscal Years 2022-2026 ($3.5 billion total).

Benefit Cost Analysis (BCA)

FMA requires that applicants demonstrate a BCR>1.0, as calculated using FEMA's BCA Toolkit.

9.A.3.i. FEMA Cooperating Technical Partners (CTP) Program

The CTP Program is a relatively new, innovative approach to foster partnerships between FEMA and local agencies participating in the National Flood Insurance Program (NFIP). The CTP seeks to partner with local agencies in the development updated Flood Insurance Rate Maps (FIRMS), Flood Insurance Study reports, and related geospatial data as part of FEMA's MAP program. Funding from this program can help a community with outreach, floodplain management, training, flood mapping, and some planning efforts that support the ongoing mission of the NFIP. In FY 2021, $100 million was appropriated for CTP nationwide.

Type of Financial Assistance

The CTP Program may provide assistance in the form of grants through formal Partnership Agreements.

Funding Priorities

The CTP Program's overall objective is to update the nation's flood maps.

Cost Share Requirements

The CTP Program does not require a cost share but FEMA emphasizes that the CTP program is a partnership and there is more direct coordination between the federal and local agencies than usual grant programs.

Funding Frequency

The program is funded annually through the US Department of Homeland Security via FEMA and the Federal Insurance and Mitigation Administration (FIMA).

Benefit Cost Analysis (BCA)

The CTP Program does not require a BCA.

9.A.3.j. FEMA Rehabilitation of High Hazard Potential Dams (HHPD)

The Rehabilitation of High Hazard Potential Dams Grant (HHPD) awards provide technical, planning, design and construction assistance for rehabilitation of eligible high hazard potential dams. A state or territory with an enacted dam safety program, the State Administrative Agency, or an equivalent state agency, is eligible for the grant.

In Fiscal Year 2022, FEMA allocated $22 million in grant funding to continue the Rehabilitation of High Hazard Potential Dam program. Of the total funding, $11.64 million will be available for planning and design activities and $10.36 million will be available for construction-ready activities only.

Funding is not available from the HHPD Grant Program to update the state, local, or tribal mitigation plan to include all dam risks.

The HHPD Grant Program may provide assistance for technical, planning, and design activities toward repair, removal, or rehabilitation of eligible high hazard potential dams.

Type of Financial Assistance

The HHPD program provides assistance in the form of grants administered through TCEQ.

Funding Priorities

The following Dams are eligible for HHPD funding:

- Located in a state or territory with a dam safety program.
- Classified as "high hazard potential" by the state/territory dam safety agency in the state or territory in which the dam is located
- Has an Emergency Action Plan (EAP)-approved state or territory dam safety program or is in conformance with state or territory law and pending approval by the relevant state or territory dam safety agency
- Located in a jurisdiction with a FEMA-approved hazard mitigation plan that includes dam risk
- Fails to meet minimum state/territory dam safety standards and pose an unacceptable risk to the public

Hazard classifications are based upon the potential loss of human life or property downstream, not the condition of the dam. Dams are classified as "High hazard potential" if they threaten 3 or more habitable structures and pose a threat of excessive economic loss through damage to public facilities, railroads, utilities, highways, or agricultural/commercial/industrial facilities.

Cost Share Requirements

The federal cost share for HHPD is 65% federal / 35% non-federal.

Funding Frequency

The HHPD program is funded annually by Congressional appropriations and managed by FEMA. The HHPD program was recently funded for $733 million total for Fiscal Years 2022-2026.

Benefit Cost Analysis (BCA)

HHPD does not require a BCA. However, an applicant must demonstrate in their Local Mitigation Plan they considered the benefits that would result from the hazard mitigation actions versus the cost of those actions when prioritizing hazard mitigation actions. The requirement is met as long as the economic considerations are summarized in the plan as part of the communities.

9.A.3.k. FEMA Safeguarding Tomorrow Through Ongoing Risk Mitigation (STORM) Act

The STORM Act was signed into law on January 1, 2021 to authorize FEMA to provide capitalization grants to states or eligible tribal governments to establish revolving loan funds in order to distribute assistance to local governments for hazard mitigation assistance. This program may finance water, wastewater, infrastructure, disaster recovery, and community/small business development projects. Although this program has not yet been implemented in Texas, The Infrastructure Act signed in 2021 provides $100 million to this program each year for a 5-year period ($500 million total).

9.A.3.l. NRCS Emergency Watershed Protection Program (EWP)

The EWP Program allows communities to quickly protect infrastructure and land from additional flooding and soil erosion following a natural disaster. EWP does not require a disaster declaration by federal or state government officials for program assistance to begin. The NRCS State Conservationist can declare a local watershed emergency and initiate EWP program assistance in cooperation with an eligible sponsor. NRCS will not provide funding for activities undertaken by a sponsor prior to the signing of a cooperative agreement between NRCS and the sponsor.

Although the EWP program is typically used to restore facilities to their pre-disaster condition, there may be opportunities to pursue specific flood reduction measures through pilot procedures spearheaded by the Texas NRCS office. Generally, potential mitigation measures under EWP would include restoration of a floodplain to its natural condition. Restoration techniques include the use of structural and non-structural practices to restore the flow and storage of floodwaters, control erosion, and to improve management of the floodplain.

Type of Financial Assistance

The EWP program provides assistance in the form of grants.

Funding Priorities

The EWP Program allows communities to address serious and long-lasting damages to infrastructure and to the land. The program's timelines for assistance ensures NRCS must act quickly to help local communities cope with adverse impacts resulting from natural disasters. All projects must demonstrate that they reduce threats to life and property; be economically, environmentally and socially sound and must be designed to acceptable engineering standards. The EWP Program also allows NRCS to establish non-traditional partnerships with sponsors to complete projects. NRCS provides financial and technical assistance for the following activities under EWP Program:

- Debris removal from stream channels
- Reshape and protect eroded banks
- Correct damaged drainage facilities
- Establish vegetative cover on critically eroding lands
- Repair levees and structures
- Repair certain conservation practices
- Purchase floodplain easements

Cost Share Requirements

The federal cost share through the EWP program is typically limited to 75%, with the remaining 25% covered by state/local sources. Depending on the severity of the disaster, NRCS may authorize a 90/10 federal/non-federal cost share, typically matching the cost share implemented by FEMA's PA program for the disaster. Technical assistance is reimbursed at a 100% cost share up to the funding limits established by the grant.

Funding Frequency

The EWP Program is funded by special appropriation from Congress, typically following a presidentially-declared disaster.

Benefit Cost Analysis (BCA)

The EWP program does not require any benefit cost analysis from local sponsors.

9.A.3.m. NRCS Watershed and Flood Prevention Operations (WFPO)

The WFPO Program helps units of federal, state, local and tribal of government (project sponsors) protect and restore watersheds up to 250,000 acres. This program provides for cooperation between the Federal government and the states and their political subdivisions to work together to prevent erosion; floodwater and sediment damage; to further the conservation development, use and disposal of water; and to further the conservation and proper use of land in authorized watersheds. The WFPO program offers financial and technical assistance for the following purposes:

- Erosion and sediment control
- Watershed protection
- Flood prevention
- Water quality Improvements
- Rural, municipal and industrial water supply
- Water management
- Fish and wildlife habitat enhancement
- Hydropower sources

Type of Financial Assistance

The WFPO program provides assistance in the form of grants.

Funding Priorities

The WFPO Program is generally targeted to smaller watersheds and rural communities. Eligible projects are limited to those contained within a watershed covering up to 250,000 acres. Additionally, at least 20% of the project's total benefits must be directly related to agriculture.

Cost Share Requirements

The federal cost share for flood control and flood prevention is variable but can increase as high as 100%. Engineering/Technical assistance is reimbursed at a 100% cost share up to the funding limits established by the grant.

Funding Frequency

The WFPO Program is funded annually by appropriation from Congress.

Benefit Cost Analysis (BCA)

The WFPO program does not require any benefit cost analysis from local sponsors. However, sponsors may be required to assist NRCS in quantification of benefits, specifically agricultural benefits in order to document program eligibility.

9.A.3.n. NRCS Watershed Rehabilitation Program

The Watershed Rehabilitation Program provides assistance to local sponsors for rehabilitation of existing aging dams. Only dams installed under the Pilot Watershed Program (PL-566) or Resource Conservation and Development Programs (PL-534) are eligible for assistance. Projects are eligible when downstream development has increased hazards to life and property and when there is a need to rehabilitate the dam to extend the planned life of the structure.

Type of Financial Assistance

This program provides assistance in the form of grants.

Funding Priorities

Priority of funding is given to dam structures that pose the highest risk to life an property.

Cost Share Requirements

The federal cost share is 65% of the total rehabilitation cost, not to exceed 100% of the construction cost. Local sponsors are responsible for the non-federal share, but State match funding is available through TSSWCB as described in Section 9.A.2.f.

Funding Frequency

This program is funded by Congressional appropriation, generally through the Farm Bill.

Benefit Cost Analysis (BCA)

This program does not require any benefit cost analysis from local sponsors. However, sponsors may be required to assist NRCS in quantification of benefits during evaluation of the application.

9.A.3.o. USACE Continuing Authorities Program (CAP)

The Continuing Authorities Program (CAP) authorizes the United States Army Corps of Engineers (USACE) to plan, design and construct small scale projects under existing program authority from Congress. Local governments and agencies

seeking assistance may request USACE to investigate potential water resource issues that may fit one of the following authorities covered by the CAP:

- Section 14 Emergency Streambank Protection
- Section 103 Hurricane and Storm Damage Reduction
- Section 107 Small Navigation Improvements
- Section 111 Shoreline Damage Attributable to a Federal Navigation Project
- Section 204 Beneficial Use of Dredged Material
- Section 205 Flood Damage Reduction
- Section 206 Aquatic Ecosystem Restoration
- Section 1135 Project Modifications

Type of Financial Assistance

The CAP program provides assistance through cost sharing and partnership agreements.

Funding Priorities

The CAP priorities are governed by each of the 9 Authorities programs overseen by the USACE.

Cost Share Requirements

The federal cost share for the feasibility phase is 100% up to $100,000. Any remaining feasibility phase costs are shared 50/50 with the non-Federal sponsor. The final design, preparation of contract plans and specifications, permitting, real estate acquisition, project contracting and construction, and any other activities required to construct or implement the approved project are completed with costs shared as specified in the authorizing legislation for that section, but generally have non-federal cost shares ranging from 25-50%. Certain territories of the United States (including Puerto Rico and the U.S. Virgin Islands) as well as Tribal organizations, are eligible for a reduction of the CAP Program non-federal cost-sharing requirement.

Funding Frequency

The CAP is funded by Congressional appropriation, generally through the Energy and Water Development appropriations acts.

Benefit Cost Analysis (BCA)

The CAP program does not require any benefit cost analysis from local sponsors at the time of application. However, sponsors may be required to assist USACE in in the development of a BCA as the projects are developed.

9.A.3.p. EPA Clean Water State Revolving Fund (CWSRF)

This program is listed here to illustrate the ultimate source of funding is federal, but, as outlined in Section 9.A.2, loans from this program are administered at the state level by TWDB. Please refer to Section 9.A.2.b above for additional information.

9.A.3.q. Economic Development Administration (EDA)

Through special Congressional appropriations, the Economic Development Administration (EDA) receives funding for various initiatives and programs designed to stimulate economic growth. Some of these programs may overlap with flood mitigation efforts, where the mitigation measures can also provide a demonstrable benefit to job growth or other economic stimulus. Each appropriation and program may come with unique requirements so Notices of Funding

Opportunities must be reviewed as they are published, but the data presented below is provided based on experience with previous funding allocations to provide a general framework for making funding decisions.

Type of Financial Assistance

EDA's programs generally provides assistance in the form of grants which are typically administered in close coordination with local economic agencies and regional councils.

Funding Priorities

Although each program may emphasize somewhat different priorities, the following tenants are common threads across all of the EDA initiatives:

- EDA prioritizes Equity
- Recovery and Resilience
- Workforce Development
- Manufacturing
- Technology-Based Economic Development
- Environmentally Sustainable Development:
- Exports and Foreign Direct Investment

In order to pursue a flood mitigation project under EDA, it will be necessary to tie the project to at least one of these economic priorities.

Cost Share Requirements

The federal cost share under EDA programs varies but generally ranges from 50%-80%.

Funding Frequency

The EDA's programs are funded annually by Congressional appropriations to the US Department of Commerce. Some programs are funded following select federally declared disasters.

Benefit Cost Analysis (BCA)

EDA's programs do not typically include any specific BCA requirements, but successful projects must demonstrate economic benefits in order to receive funding.

9.A.3.r. Community Project Funding

Community Project Funding (CPF) is a new initiative by the U.S. House of Representatives that will allow Members of Congress to request direct funding for fiscal year 2022 and thereafter for projects that benefit the communities they represent. CPF is separate from federal grants and funding apportioned by formula to states or awarded by federal agencies.

CPF will be available only to nonprofit organizations and to state, local, tribal, and territorial governments. In addition, only projects with evidence of strong support from the community will be considered, and evidence of community support and community need is required as part of your submission. This evidence can take the form of a letter from local stakeholders, inclusion on a state or local planning document, letters to the editor in local papers, and many more. Funding under CPF may be awarded under a variety of federal programs.

In 2022, Texas received multiple CPF awards through the FEMA Pre Disaster Mitigation program (PDM). The following data is based upon the PDM program, but it is important to note that requirements may change, depending on the federal program used for each CPF award.

Type of Financial Assistance

The CPF program through PDM will be provided in the form of grants administered through TDEM. Future CPF program funds may be awarded/administered under different rules.

Funding Priorities

The CPF program is based upon political advocacy at the federal level to obtain funding for specific projects. Under PDM, projects must demonstrate a reduction in the impacts of future disasters.

Cost Share Requirements

The CPF program federal cost share under PDM is limited to 75% or the project funding authorized by Congress, whichever is less. Any remaining project costs are the responsibility of the local applicant. If CPF funds are routed through other federal programs, the cost share may vary.

Funding Frequency

The CPF program is dependent on Congressional appropriations for specific project awards.

Benefit Cost Analysis (BCA)

PDM requires that applicants demonstrate a BCR>1.0, as calculated using FEMA's BCA Toolkit. If CPF funds are routed through other federal programs, a BCA may not be required.

Task 9.B. Survey Results

A Flood Infrastructure Funding survey was sent to 93 Sponsors with FMEs, FMSs, and FMPs identified in the San Jacinto Regional Flood Plan. An example of the survey distributed is provided in **Appendix 9-1**. In the survey, each sponsor was provided the list of mitigation solutions identified under their authority, including project costs, and was asked to provide the level and type of local funding available for the proposed mitigation solutions and the amount of federal and state assistance needed to complete the project. The goal of the survey was to gauge the level and type of local funding region-wide and to then propose the role the State should have in future funding of these solutions.

Of the 93 surveys distributed, 8 sponsors responded (8.6%). Although this is only a fraction of the total list of respondents, it does provide the RFPG with useful data in estimating the local funding landscape in the San Jacinto Region. For FMEs, FMSs, and FMPs where survey responses were not received, the RFPG estimated 100% of the total project costs are required from state and federal sources. Additional surveying time in future planning phases should result in additional responses and can help to further refine the data.

The table provided in **Appendix 9-2** presents the results of the survey.

Task 9.C. Funding Required

Based upon the survey results received to date, there is an estimated ~$22.3 billion in state and federal funding needed to implement the FMEs, FMSs, and FMPs identified in this Regional Flood Plan. This figure is only based upon the mitigation solutions identified and is not sufficient to complete all of the mitigation measures needed to solve all of the region's flooding concerns. Even so, it does provide a valuable tool to evaluate the tremendous funding gap that must be filled in order to protect the citizens of the San Jacinto Region.

Task 9.D. Role of State Funding

As outlined above, sponsors for the proposed FMSs, FMPs, and FMEs face significant local funding shortfalls that inhibits their ability to complete the proposed mitigation initiatives that their communities require. Although several federal and state assistance programs have been identified in this chapter, many sponsors face continued challenges in navigating the complex

web of individual program requirements, timelines, and priorities. Unfortunately, many of the federal programs are only triggered following a federally declared disaster, which limits their reliability for long-term regional flood mitigation funding.

However, one of the most impactful developments that has helped move flood mitigation forward in this Region in the last 5 years is the establishment of the Flood Infrastructure Fund (FIF) through TWDB. The FIF provides a critical support lifeline to help local agencies throughout the state advance their planning and implementation of flood mitigation initiatives. However, the FIF is not continuously funded and relies on additional appropriations from the Texas State Legislature to continue. This RFPG understands the significance of the programs like FIF and how they effectively employ state funding to leverage both federal and local funds toward a meaningful result. Passing legislation to permanently fund and annually operate the FIF would provide the San Jacinto region, and other regions across the state, with a reliable source of funding assistance to advance flood mitigation project, including the FMEs, FMSs, and FMPs identified in this Regional Flood Plan.

Additionally, in one of the most impactful annually funded federal programs, BRIC, Texas is severely impaired in competitive project scoring because the State has not adopted the 2015 or newer versions of the International Building Code and International Residential Code. The federal government has recently announced that mandatory building codes will be a point of emphasis for funding programs in the future, so it can be expected that not only will BRIC continue to prioritize state-wide codes, but other programs may follow suit. If Texas does not adopt updated building codes on a statewide basis, the State will likely face reduced federal participation in future funding for flood mitigation initiatives, which will increase the burden on state and local funding sources.

APPENDIX 9-1
SURVEY TEMPLATE

Appendix 9-1 – Survey Template

Dear Community Official –

On behalf of the San Jacinto Regional Flood Planning Group (RFPG), we are reaching out because <Insert Sponsor Agency Here> is listed as a potential sponsor for one or more Flood Management Evaluations (FMEs), Flood Mitigation Strategies (FMSs), or Flood Mitigation Projects (FMPs) that will be considered for recommendation by the Region 6 San Jacinto Regional Flood Plan (RFP).

We need your input to estimate how much State or Federal funding assistance your community may need to implement the actions that have been identified. The table below lists the actions for which your community has been identified as a potential sponsor, along with the estimated costs of implementation. Recommended solutions must be included in the RFP to be eligible for potential future State funding but inclusion in the plan does not guarantee State funding.

Please reply to this email and fill out the drop-down menu in the table for each of your Flood Mitigation Evaluations and/or Strategies. There is no commitment associated with being a sponsor for an action in the RFP. This is a high-level planning exercise to determine flood risk and flood mitigation funding need across Texas. If we do not receive a response, we will assume that 100% of the cost for that action will need other funding (including State, Federal and/or other funding).

Flood Mitigation Action ID	Flood Mitigation Action Type	Flood Mitigation Action Name	Flood Mitigation Action Description	Flood Mitigation Action Estimated Total Cost	Sponsor Funding	
					Anticipated Source of Sponsor Funding	Percent Funding Anticipated to be Provided by Sponsor
<Insert ID>	<Insert Type>	<Insert Name>	<Insert Description>	<Insert Cost>	Choose an item.	Choose an item.
<Insert ID>	<Insert Type>	<Insert Name>	<Insert Description>	<Insert Cost>	Choose an item.	Choose an item.

For more information regarding the specific Flood Mitigation Actions listed in the RFP, visit the following link: Region 6 - FMX Summaries By Sponsor. Additional information about your RFP can be found on the San Jacinto RFPG website. If you have any further questions, please email SJRFPG.TechCon@freese.com to get in touch with a member of our team.

We kindly request a reply **no later than Friday, June 17, 2022** in order to meet the State's legislative deadline for flood planning. Thank you for your input on this important project.

Sincerely,

APPENDIX 9-2
SURVEY RESULTS TABLE

Appendix 9-2 – Survey Results Table

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS or FMP or FME - Name	Regional plan's unique FMS/FMP/FME identification number	Target year of full implementation	Estimated costs in plan			Estimated percent (share) of total FMS, FMP, or FME estimated cost				Survey Response Received?
									Sponsor Funding				
						Non-construction costs	Construction-related costs	Total estimated cost	ANTICIPATED SOURCE of Sponsor funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	FUNDING TO BE FINANCED BY SPONSOR (including local, county, or regional mechanisms available but not yet fully utilized)	Other Funding Needed (including state, federal and/ or other funding)	Total (auto) sum must = 100%	
06	Alvin	FME	Durant Street Storm Sewer and Pavement Improvements - Phase 1	061000001	-	$ 120,000.00	$ -	$ 120,000.00	N/A	0%	100%	100%	YES
06	Alvin	FME	Durant Street Storm Sewer and Pavement Improvements - Phase 2	061000002	-	$ 110,000.00	$ -	$ 110,000.00	N/A	0%	100%	100%	YES
06	Alvin	FME	City of Alvin Flood Gauges	061000037	-	$ 75,000.00	$ -	$ 75,000.00	N/A	0%	100%	100%	YES
06	Alvin	FME	City of Alvin Master Drainage Plan	061000039	-	$ 440,000.00	$ -	$ 440,000.00	N/A	0%	100%	100%	YES
06	Alvin	FME	City of Alvin Open Space Preservation	061000040	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	YES
06	Alvin	FME	City of Alvin Detention Pond Construction - Mustang and Dickinson Bayou	061000043	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	YES
06	Alvin	FME	City of Alvin Dickinson Bayou Watershed Study	061000067	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	YES
06	Alvin	FMS	City of Alvin CRS Application	062000012	-	$ 25,000.00	$ -	$ 25,000.00	N/A	0%	100%	100%	YES
06	Alvin	FMS	City of Alvin Full Time Floodplain Administrator	062000061	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	YES
06	Alvin	FMP	City of Alvin Unified Development Ordinance	063000201	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	YES
06	Arcola	FME	City of Arcola Regional Drainage Improvements	061000003	-	$ 520,000.00	$ -	$ 520,000.00	N/A	0%	100%	100%	NO
06	Arcola	FME	Replace Existing Culverts in City of Arcola	061000124	-	$ 200,000.00	$ -	$ 200,000.00	N/A	0%	100%	100%	NO
06	Arcola	FME	City of Arcola Regional Drainage Improvements	061000139	-	$ 520,000.00	$ -	$ 520,000.00	N/A	0%	100%	100%	NO
06	Arcola	FME	Evaluation of Reinforcement of Critical Facilities in the City of Arcola	061000150	-	$ 200,000.00	$ -	$ 200,000.00	N/A	0%	100%	100%	NO
06	Arcola	FME	City of Arcola Master Drainage Plan	061000222	-	$ 200,000.00	$ -	$ 200,000.00	N/A	0%	100%	100%	NO
06	Arcola	FMS	Promotion of Flood Insurance in City of Arcola	062000020	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Arcola	FMS	Increase Public Awareness of Hazards in City of Arcola	062000022	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FME	City of Bayou Vista Master Drainage Plan	061000084	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FME	City of Bayou Vista - Storm Sewer System Evaluation	061000090	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FME	City of Bayou Vista - Drainage Improvement Program	061000117	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FME	City of Bayou Vista Canal Dredging Study	061000158	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FMS	Implement Stormwater Management Plan in City of Bayou Vista	062000026	-	$ 25,000.00	$ -	$ 25,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FMS	City of Bayou Vista Severe Weather Warning Systems	062000028	-	$ 35,000.00	$ -	$ 35,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FMS	City of Bayou Vista Management Practices for Securing Windblown Debris in Canals.	062000050	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Bayou Vista	FMP	City of Bayou Vista Regulations and Permit Requirements Update	063000114	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Baytown	FME	City of Baytown Master Drainage Plan	061000223	-	$ 520,000.00	$ -	$ 520,000.00	N/A	0%	100%	100%	NO
06	Baytown	FME	Danubina Drainage Improvements	061000422	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Baytown	FME	North Alexander Drainage Improvements	061000423	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Beach City	FME	City of Beach City Master Drainage Plan	061000224	-	$ 240,000.00	$ -	$ 240,000.00	N/A	0%	100%	100%	NO
06	Bellaire	FME	City of Bellaire Drainage System Repair Plan	061000013	-	$ 300,000.00	$ -	$ 300,000.00	Bonds/Other Financing	25%	75%	100%	YES
06	Bellaire	FME	City of Bellaire Additional Detention Facilities	061000014	-	$ 1,000,000.00	$ -	$ 1,000,000.00	Bonds/Other Financing	25%	75%	100%	YES
06	Bellaire	FME	City of Bellaire Newcastle System Drainage Upgrades	061000015	-	$ 1,000,000.00	$ -	$ 1,000,000.00	Bonds/Other Financing	25%	75%	100%	YES
06	Bellaire	FME	City of Bellaire Master Drainage Plan	061000225	-	$ 1,500,000.00	$ -	$ 1,500,000.00	Bonds/Other Financing	25%	75%	100%	YES
06	Bellaire	FMS	City of Bellaire Roadway and Drainage Improvements	062000001	-	$ 3,000,000.00	$ -	$ 3,000,000.00	Bonds/Other Financing	25%	75%	100%	YES
06	Bellaire	FMS	City of Bellaire Resident Property Support	062000002	-	$ 50,000.00	$ -	$ 50,000.00	Other	25%	75%	100%	YES
06	Bellaire	FMS	City of Bellaire Commercial Drainage Requirements	062000003	-	$ 50,000.00	$ -	$ 50,000.00	General Revenue	25%	75%	100%	YES
06	Bellaire	FMS	City of Bellaire Surrounding Area Detention and Drainage Improvements	062000004	-	$ 100,000.00	$ -	$ 100,000.00	General Revenue	25%	75%	100%	YES
06	Bellaire	FMS	City of Bellaire Floodwater Public Awareness Initiatives	062000005	-	$ 50,000.00	$ -	$ 50,000.00	General Revenue	25%	75%	100%	YES
06	Bellaire	FMS	City of Bellaire Flood Rescue Plan	062000033	-	$ 200,000.00	$ -	$ 200,000.00	General Revenue	25%	75%	100%	YES
06	Bellaire	FMS	City of Bellaire Flood Early Warning System Improvements	062000049	-	$ 150,000.00	$ -	$ 150,000.00	General Revenue	25%	75%	100%	YES
06	Brazoria	FME	Brazoria County Costal River Flood Extent Analysis	061000038	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO

06	Brazoria	FME	Brazoria County Drainage Improvements	061000046	-	$ 350,000.00	$ -	$ 350,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FME	Brazoria County Property Protection	061000048	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FME	Dam and Levee Failure Inundation Map Update	061000078	-	$ 2,200,000.00	$ -	$ 2,200,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FME	Brazoria Flood Mapping Updates	061000301	-	$ 6,440,000.00	$ -	$ 6,440,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FME	Brazoria County Camp Mohawk County Park Development	061000440	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FMS	Brazoria County Increased Cost of Compliance Education	062000013	-	$ 20,000.00	$ -	$ 20,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FMS	Brazoria County Structure Elevation	062000031	-	$ 60,000,000.00	$ -	$ 60,000,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FMS	Brazoria County Non-structural Mitigation / Land Preservation	062000032	-	$ 65,000,000.00	$ -	$ 65,000,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FMS	Brazoria County Dam and Levee Failure Outreach and Education campaign	062000034	-	$ 20,000.00	$ -	$ 20,000.00	N/A	0%	100%	100%	NO
06	Brazoria	FMP	Brazoria County NFIP Technical Material	063000136	-	$ 21,000.00	$ -	$ 21,000.00	N/A	0%	100%	100%	NO
06	Brookside Village	FME	City of Brookside Village Master Drainage Plan	061000226	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Bunker Hill Village	FME	City of Bunker Hill Drainage Projects	061000016	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Bunker Hill Village	FME	City of Bunker Hill Master Drainage and Stormwater Management Plan	061000017	-	$ 170,000.00	$ -	$ 170,000.00	N/A	0%	100%	100%	NO
06	Bunker Hill Village	FME	City of Bunker Hill Village Master Drainage Plan	061000227	-	$ 170,000.00	$ -	$ 170,000.00	N/A	0%	100%	100%	NO
06	Bunker Hill Village	FMS	City of Bunker Hill Community Outreach	062000006	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Bunker Hill Village	FMS	City of Bunker Hill Dam/Levee Maintenance and Monitoring Plan	062000007	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Bunker Hill Village	FMS	City of Bunker Hill Village Non-Structural Mitigation Projects	062000058	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Chambers	FME	Chambers County Dam and Levee Failure Inundation Map Update	061000042	-	$ 150,000.00	$ -	$ 150,000.00	N/A	0%	100%	100%	NO
06	Chambers	FME	Chambers County Property Protection	061000044	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Chambers	FME	Dredging Cedar Bayou	061000076	-	$ 7,070,000.00	$ -	$ 7,070,000.00	N/A	0%	100%	100%	NO
06	Chambers	FME	Chambers Flood Mapping Updates	061000302	-	$ 3,820,000.00	$ -	$ 3,820,000.00	N/A	0%	100%	100%	NO
06	Clear Lake Shores	FME	Widen Drainage Systems and Culverts in City of Clear Lake Shores	061000122	-	$ 13,200,000.00	$ -	$ 13,200,000.00	N/A	0%	100%	100%	NO
06	Clear Lake Shores	FME	Corp of Engineers study of the Galveston County Water Reservoir Dam and Levee system	061000137	-	$ 140,000.00	$ -	$ 140,000.00	N/A	0%	100%	100%	NO
06	Clear Lake Shores	FME	City of Clear Lake Shores Master Drainage Plan	061000228	-	$ 140,000.00	$ -	$ 140,000.00	N/A	0%	100%	100%	NO
06	Clear Lake Shores	FMP	City of Clear Lake Shores - Implement Stormwater Management Practices	063000139	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Clear Lake Shores	FMP	City of Clear Lake Shores - Improve Regulations and Permit Requirements	063000140	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Cleveland	FME	Downtown Cleveland Drainage Line Installation	061000153	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Cleveland	FME	City of Cleveland Drainage Improvements	061000167	-	$ 410,000.00	$ -	$ 410,000.00	N/A	0%	100%	100%	NO
06	Cleveland	FME	City of Cleveland Master Drainage Plan	061000229	-	$ 400,000.00	$ -	$ 400,000.00	N/A	0%	100%	100%	NO
06	Cleveland	FMS	City of Cleveland Drainage Maintenance	062000046	-	$ 5,000,000.00	$ -	$ 5,000,000.00	N/A	0%	100%	100%	NO
06	Cleveland	FMP	City of Cleveland Floodplain Land-Use Ordinance	063000123	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Cleveland	FMP	City of Cleveland Flooplain Ordinance Update	063000124	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Cleveland	FMP	City of Cleveland Ordinace Update Pipeline Right-of-Way	063000126	-	$ 55,000.00	$ -	$ 55,000.00	N/A	0%	100%	100%	NO
06	Coastal Prairie Conservancy	FMS	Natural Infrastructure Project Barker Reservoir Headwater Acquisition and Restoration	062000029	-	$ 33,000,000.00	$ -	$ 33,000,000.00	N/A	0%	100%	100%	NO
06	Coastal Prairie Conservancy	FMS	Natural Infrastructure Project Mound Creek Conservation	062000030	-	$ 32,000,000.00	$ -	$ 32,000,000.00	N/A	0%	100%	100%	NO
06	Coldspring	FME	City of Coldspring Master Drainage Plan	061000230	-	$ 180,000.00	$ -	$ 180,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	City of Conroe Riverine Study and Mapping Improvements	061000213	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	April Sound Subdivision Evaluation	061000214	-	$ 1,700,000.00	$ -	$ 1,700,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	City of Conroe Downtown Master Drainage Plan	061000215	-	$ 750,000.00	$ -	$ 750,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Forest Estates - Live Oak Creek Watershed Artesian Forest 1 - Artesian Creek Watershed	061000442	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Artesian Forest 1 - Artesian Creek Watershed	061000443	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Artesian Forest East - Artesian Creek Watershed	061000444	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Lilly - Alligator Creek Watershed	061000445	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	East Fork North - Alligator Creek Watershed "	061000446	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	East Fork South - Alligator Creek Watershed "	061000447	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	West Branch - Alligator Creek Watershed	061000448	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Oak Hollow - Alligator Creek Watershed	061000449	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Cable - Alligator Creek Watershed	061000450	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	South Frazier - Grand Lake Creek Watershed	061000451	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO

06	Conroe	FME	Rivershire East - Grand Lake Creek Watershed	061000452	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Rivershire West - Grand Lake Creek Watershed	061000453	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Baretta - Grand Lake Creek Watershed	061000454	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Valley - Stewarts Creek Watershed	061000455	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Hunnington - Stewarts Creek Watershed	061000456	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Avenue M - Stewarts Creek Watershed	061000457	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	South 3rd - Stewarts Creek Watershed	061000458	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Toby - Little Caney Creek Watershed	061000459	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Southern Oak - Little Laney Creek	061000460	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Rush Creek Lake - Lake Conroe Estates Watershed	061000461	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Conroe	FME	Longmire and SH-105 - Live Oak Creek Watershed	061000462	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Cut and Shoot	FME	City of Cut and Shoot Master Drainage Plan	061000232	-	$ 210,000.00	$ -	$ 210,000.00	N/A	0%	100%	100%	NO
06	Dayton	FME	City of Dayton Master Drainage Plan	061000233	-	$ 480,000.00	$ -	$ 480,000.00	N/A	0%	100%	100%	NO
06	Deer Park	FME	City of Deer Park Master Drainage Plan	061000234	-	$ 320,000.00	$ -	$ 320,000.00	N/A	0%	100%	100%	NO
06	Dickinson	FME	City of Dickinson Master Drainage Plan	061000235	-	$ 320,000.00	$ -	$ 320,000.00	N/A	0%	100%	100%	NO
06	El Lago	FME	City of El Lago Master Drainage Plan	061000236	-	$ 140,000.00	$ -	$ 140,000.00	N/A	0%	100%	100%	NO
06	Fort Bend County Drainage District	FME	Fort Bend County - Big Creek Project	061000101	-	$ 200,000.00	$ -	$ 200,000.00	N/A	0%	100%	100%	NO
06	Fort Bend County Drainage District	FME	Fort Bend County Willow Fork Channel Improvements	061000318	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	Update City of Friendswood Storm Surge Maps to Reflect the NWS Predictions	061000089	-	$ 140,000.00	$ -	$ 140,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	City of Friendswood - Comprehensive Flood Mitigation Plan	061000091	-	$ 140,000.00	$ -	$ 140,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	City of Friendswood - Devils Dip	061000096	-	$ 410,000.00	$ -	$ 410,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	Sunmeadow Drainage Improvements Phase 2	061000104	-	$ 160,000.00	$ -	$ 160,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	City of Friendswood - Tributary 2 Drainage/Outfall Improvements	061000105	-	$ 170,000.00	$ -	$ 170,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	FM518 Drainage Improvements- Phase 2	061000123	-	$ 410,000.00	$ -	$ 410,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	Shadowbend Drainage Improvements Phase 2	061000142	-	$ 420,000.00	$ -	$ 420,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	Annalea/Whitehall Kings Park Drainage - Drainage Improvements Phase 2	061000146	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	City of Friendswood Master Drainage Plan	061000237	-	$ 410,000.00	$ -	$ 410,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FME	City of Friendswood - Clear Creek Inline & Offline Detention - Bay Area Blvd. Phase I	061000424	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FMS	Maintain Drainage Systems and Culverts in City of Friendswood	062000051	-	$ 1,400,000.00	$ -	$ 1,400,000.00	N/A	0%	100%	100%	NO
06	Friendswood	FMP	City of Friendswood Ordinances and Regulation Update	063000113	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Fulshear	FME	City of Fulshear Master Drainage Plan	061000238	-	$ 340,000.00	$ -	$ 340,000.00	N/A	0%	100%	100%	NO
06	Galena Park	FME	City of Galena Park Master Drainage Plan	061000239	-	$ 250,000.00	$ -	$ 250,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	City of Galveston Master Drainage Study	061000011	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	City of Galveston Coastal Road Elevation	061000055	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	City of Galveston Shoreline Protection	061000069	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	City of Galveston Dune Restoration	061000071	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	Study of Texas City Hurricane Flood Protection Project	061000098	-	$ 1,590,000.00	$ -	$ 1,590,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	Storm water detention ponds & Widening of drainage systems feasibility study	061000107	-	$ 11,000,000.00	$ -	$ 11,000,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	Corp of Engineers study of the Galveston County Water Reservoir Dam and Levee system	061000136	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	Evaluation of Mitigation Alternatives for Repetietive Flood Claims Properties in Galveston County	061000151	-	$ 11,000,000.00	$ -	$ 11,000,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	Galveston County Drainage System Improvement Study	061000163	-	$ 1,590,000.00	$ -	$ 1,590,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	Galveston Flood Mapping Updates	061000304	-	$ 2,960,000.00	$ -	$ 2,960,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	37th Street, Galveston, Drainage Project	061000311	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Galveston	FME	Unincorporated Areas of Bacliff and San Leon Roadside Ditches & Driveway Culverts Improvements	061000436	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMS	City of Galveston NFIP CRS Rating	062000014	-	$ 10,000.00	$ -	$ 10,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMS	Develop Applicable Plans and Studies to Address Hazard Mitigation in Galveston County	062000015	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMS	Galveston County-wide Education and Outreach	062000018	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMS	Galveston County Stormproof/Retrofit Infrastructure	062000025	-	$ 5,000,000.00	$ -	$ 5,000,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMS	City of Galveston Floodplain Manager Increase	062000056	-	$ 10,000.00	$ -	$ 10,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMS	City of Galveston SRL and RL Property Mitigation	062000057	-	$ 80,000.00	$ -	$ 80,000.00	N/A	0%	100%	100%	NO

06	Galveston	FMS	Mitigate Repetitive Flood Claim & Severe Repetititve Loss Properties in Galveston County	062000064	-	$ 30,000,000.00	$ -	$ 30,000,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMP	City of Galveston Land Use Mapping	063000152	-	$ 11,000.00	$ -	$ 11,000.00	N/A	0%	100%	100%	NO
06	Galveston	FMP	City of Galveston Freeboard Requirement Enforcement	063000153	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Grimes	FME	Evaluation of Culvert Enlargement and Bridge Elevation in Grimes County	061000120	-	$ 750,000.00	$ -	$ 750,000.00	N/A	0%	100%	100%	NO
06	Grimes	FME	Grimes Flood Mapping Updates	061000305	-	$ 3,530,000.00	$ -	$ 3,530,000.00	N/A	0%	100%	100%	NO
06	Grimes	FMS	Amending Grimes County Floodplain Ordinance	062000035	-	$ 20,000.00	$ -	$ 20,000.00	N/A	0%	100%	100%	NO
06	Grimes	FMS	Grimes County Property Acquisition	062000036	-	$ 95,000.00	$ -	$ 95,000.00	N/A	0%	100%	100%	NO
06	Grimes	FMS	Property Acquisition Down-Stream of High Hazard Dams in Grimes County	062000037	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	Gulf Coast Protection District	FMP	Galveston Bay Surge Protection Coastal Storm Risk Management	063000127	-	$ -	$ 23,103,015,000.00	$ 23,103,015,000.00	Other	35%	65%	100%	YES
06	Gulf Coast Protection District	FMP	Bolivar Peninsula and West Bay Gulf Intracoastal Waterway (GIWW) Shoreline and Island Protection	063000128	-	$ 1,200,169,000.00	$ -	$ 1,200,169,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Williamsburg Subdivision Drainage Assessment	061000024	-	$ 1,260,000.00	$ -	$ 1,260,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Preliminary Drainage & Infrastructure Improvements Happy Hide A Way Subdivison	061000025	-	$ 110,000.00	$ -	$ 110,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Bridgewater Village & Enclave at Bridgewater Drainage Analysis	061000026	-	$ 750,000.00	$ -	$ 750,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Lake Shadows Subdivision Drainage Improvements	061000027	-	$ 280,000.00	$ -	$ 280,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Gum Gully Rd, W Stroker Rd, Wigwam Ln, and Related Infrastructure Drainage Improvements	061000028	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Spanish Cove Subdivision Drainage Assessment	061000029	-	$ 150,000.00	$ -	$ 150,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Arcadian Gardens Subdivision Drainage Improvements	061000317	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	B106-WP01 & WP02 for Armand Bayou Watershed	061000323	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Beaumont Place Subdivision Drainage Improvement Phase 2	061000325	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	I100-WP06 for Vince Bayou Watershed Planning Project	061000329	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	I100-WP10 for Vince Bayou Watershed Planning Project	061000330	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	I100-WP07 for Vince Bayou Watershed Planning Project	061000331	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	I100-WP11 for Vince Bayou Watershed Planning Project	061000332	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Carpenters (N100-00-00) Channel Improvements	061000402	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Planning Phase Study Report for Fairgreen & Eastex Freeway Forest Subdivisions Drainage Improvements 2019	061000414	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Fallbrook, Ridgepoint and Westpoint Subdivision Drainage Improvements	061000416	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Sandpiper Village Subdivision Drainage Improvements	061000427	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Oak Glen Place Subdivision Drainage Improvements	061000431	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Northfield Place Subdivision Drainage Improvements	061000432	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Evaluation of Dredging of Channels that Exit Into Lake Houston	061000437	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Greens Bayou, Jackson Bayou, White Oak Bayou, Cypress Creek and San Jacinto River Areas Subdivision Drainage Mitigation Project	061000438	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Greens Bayou, White Oak Bayou and Cypress Creek Areas Subdivision Drainage Mitigation Project	061000439	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Carpenters Bayou (West Acres, Shadowglen & Old River Terrace Neighborhood)	061000464	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Ralston Acres Subdivision Drainage Improvements	061000466	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FME	Eastex Freeway Forest Sections 3 & 4 Subdivision Improvements	061000469	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	YES
06	Harris	FMS	Harris County Hazard Mitigation Action AW-3	062000008	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	YES
06	Harris	FMS	Harris County Hazard Mitigation Action AW-4	062000009	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	YES

06	Harris	FMS	Harris County Hazard Mitigation Action AW-5	062000010	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	YES
06	Harris	FMS	Harris County Hazard Mitigation Action AW-6	062000011	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	YES
06	Harris	FMS	Harris County Mitigation Buyout and Relocation Program	062000060	-	$ 75,000,000.00	$ -	$ 75,000,000.00	N/A	0%	100%	100%	YES
06	Harris County Flood Control District	FME	Willow Creek - Overflow Flooding between Burlington Northern Railroad and Hufsmith-Kohrville Rd. Analysis	061000032	-	$ 590,000.00	$ -	$ 590,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Galveston Bay Watershed Plan- Analysis of PA07 100-year Conveyance Project	061000034	-	$ 400,000.00	$ -	$ 400,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Galveston Bay Watershed Plan- Analysis of PA08 100-year Conveyance Project	061000035	-	$ 800,000.00	$ -	$ 800,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Gully Watershed Planning Project Near-Term Planning Project: PA03	061000170	-	$ 600,000.00	$ -	$ 600,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Gully Watershed Planning Project- Near-term Planning Project: PA04	061000171	-	$ 210,000.00	$ -	$ 210,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Gully Watershed Planning Project - Near-term planning project: PA05	061000172	-	$ 170,000.00	$ -	$ 170,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Carpenters Planing Study N110-00-00 Diversion to P103-00/P103-03	061000174	-	$ 1,200,000.00	$ -	$ 1,200,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Regional Implementation of Large Diameter Deep Tunnel Systems for Storm Water Management	061000175	-	$ 20,000,000.00	$ -	$ 20,000,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Lower Greens Feasibility Study	061000176	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Addicks Reservoir Watershed Study	061000177	-	$ 670,000.00	$ -	$ 670,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Barker Reservoir Watershed Study	061000178	-	$ 620,000.00	$ -	$ 620,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Buffalo Bayou Watershed Study	061000179	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Brays Bayou Watershed Study	061000180	-	$ 620,000.00	$ -	$ 620,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cypress Creek Watershed Study	061000181	-	$ 1,230,000.00	$ -	$ 1,230,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Hunting Bayou Watershed Study	061000182	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Sims Bayou Watershed Study	061000183	-	$ 470,000.00	$ -	$ 470,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	White Oak Bayou Watershed Study	061000184	-	$ 800,000.00	$ -	$ 800,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Upper Greens Bayou Watershed Study	061000185	-	$ 980,000.00	$ -	$ 980,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Brays Bayou - Poor Farm Ditch	061000186	-	$ 690,000.00	$ -	$ 690,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Brays Bayou Restore Channel Conveyance Capacity Along D115-00-00	061000187	-	$ 1,020,000.00	$ -	$ 1,020,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Brays Bayou - Partnership Project with Fort Bend County on Right-of-Way Acquisition, Design, and Construction of General Drainage Improvements along Clodine Ditch	061000188	-	$ 1,020,000.00	$ -	$ 1,020,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Creek - Construction of a Reservoir along Spring Creek	061000191	-	$ 870,000.00	$ -	$ 870,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	White Oak Bayou - Turkey Gully E106-00-00	061000194	-	$ 1,330,000.00	$ -	$ 1,330,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Harris County Wide - Investigation of City of Houston Properties for Conversion to Stormwater Detention Basins	061000197	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Little Cypress Creek - L109-00-00	061000201	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Little Cypress Creek - L113-00-00	061000202	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Little Cypress Creek - L103-00-00	061000203	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Greens Bayou - P130-05-02	061000204	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Greens Bayou - P142-00-00	061000205	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	San Jacinto River - G103-46-00	061000207	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	San Jacinto River - G103-33-04	061000208	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	San Jacinto River - G103-36-00	061000209	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Greens Bayou - P103-00-00	061000216	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Barker - T101-00-00	061000217	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Barker - T103-00-00	061000218	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Buffalo Bayou - W158-00-00	061000219	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Buffalo Bayou - W130-00-00	061000220	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Buffalo Bayou - W163-00-00	061000221	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Addicks Reservoir - Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek	061000312	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Addicks Reservoir - Design and Construction of Dinner Creek Stormwater Detention Basin	061000313	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Addicks Reservoir - Right-Of-Way Acquisition, Design and Construction of Channel Conveyance Improvements, Bypass Channel, and Detention for South Mayde Creek	061000315	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO

06	Harris County Flood Control District	FME	Armand Bayou - Design and Construction of the B509-03-00 and B509-04-00 Stormwater Detention Basins	061000319	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Armand Bayou Watershed- Basin Expansion and Extension and H&H Study (Phases 1 + 2)	061000321	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Jackson Bayou Watershed Planning Project- Immediate: First Street Crossing Mitigation	061000322	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	I100-WP01 Vince Bayou Watershed Planning Project Recommendation	061000326	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Brays Bayou - Keegans Bayou (D118-00-00) Flood Risk Reduction	061000328	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Carpenters Planing Study Cloverleaf Community Flood Risk Reduction Project (Phase 1 and 2)	061000333	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Goose Creek Flood Risk Reduction Phase 1	061000334	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Goose Creek Flood Risk Reduction Phase 2	061000335	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Goose Creek Flood Risk Reduction Phase 3	061000336	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Creek Watershed Plan- Recommended Alternative for PA-02: J131-01-00 Storm Sewer improvements & channel modification	061000337	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Willow Creek Watershed Plan- Immediate: Selective Clearing BNRR to Mouth	061000338	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Willow Creek Watershed Plan - M120 Detention/Preservation Site	061000339	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Willow Creek Watershed Plan- FM2920 Stormwater Detention Basin	061000340	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Willow Creek Watershed Plan- Kuykendahl Basin	061000341	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Willow Creek Watershed Plan- M121 Basin Stormwater Detention Basin	061000342	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Galveston Bay Watershed Plan- PA01 (N+6) Channel & Crossing Improvements	061000343	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	White Oak Bayou - Design and Construction of Woodland Trails Stormwater Detention Basin	061000344	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Gully Watershed Planning Project- Project Phase I	061000345	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Gully Watershed Planning Project- Project Phase II	061000346	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Spring Gully Watershed Planning Project- Project Phase III	061000347	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Galveston Bay - Right-of-Way Acquisition, Design and Construction of General Drainage Improvements Along F216-00-00	061000348	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Galveston Bay - Right-of-Way Acquisition, Design and Construction of General Drainage Improvements Along F101-06-00	061000349	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Galveston Bay Watershed Plan- PA04 (S+4) Crossing Improvements	061000350	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	TC Jester Detention Basin	061000353	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou Drainage Project Bond C-26 & C-27	061000354	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou Drainage Project Bond C-01	061000355	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Westador Stormwater Detention Basin	061000356	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cypress Creek Implementation Plan - Various Detention Sites	061000357	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Little Cypress Creek - Management, Right-of-Way Acquisition, Design and Construction of the Little Cypress Creek Frontier Program	061000358	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	G103-38-00 (Kingwood Diversion Ditch)	061000360	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	G103-80-03.1B (Taylor Gully)	061000361	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Goose Creek O119-00-00-P001 (Alt 2A1)	061000362	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Goose Creek O119-00-00-P001 (Alt 2A3)	061000363	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Sims Bayou C116 Storm Sewer Improvement (C116-00-00-P001) From Mykawa Road to Telephone Road	061000364	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Greens Bayou (P100-00-00) Mid-Reach Channel Conveyance Improvements From John F. Kennedy Blvd to Veterans Memorial Drive (Ultimate Project (Alternative 3))	061000365	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO

06	Harris County Flood Control District	FME	Greens Bayou - Planning, Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along P138-01-01	061000366	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cedar Bayou Flood Risk Reduction Study - Property Acquisition in segment from SH 146 to Galveston Bay along Cedar Bayou (Q100-00-00)	061000367	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cedar Bayou Flood Risk Reduction Study - Q130 Channel improvements from Crosby Eastgate Rd. to Q100 Confluence	061000368	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cedar Bayou Flood Risk Reduction Study - Property Acquisition in segment from IH-10 to SH 146 along Cedar Bayou (Q100-00-00)	061000369	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cedar Bayou Flood Risk Reduction Study - Q128 Channel Improvements from US 90 to Q100 Confluence	061000374	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cedar Bayou Flood Risk Reduction Study - Channel improvements from US 90 to FM 1942	061000376	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Cedar Bayou Flood Risk Reduction Study - Channel improvements upstream of FM 1960	061000379	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	White Oak - SPT and E116 (E116-00-00) Improvements : PA01 thru PA-05	061000389	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-08-00	061000394	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-09-00	061000395	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-21-00	061000396	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-00 and P118-23-02	061000397	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-25-00 & P118-25-01	061000399	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00	061000400	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Design and Construction of a Stormwater Detention Basin in Brock Park	061000403	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Halls Bayou - Planning, Right-Of-Way, Design and Construction of Halls Bayou Flood Risk Management Project	061000404	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Hunting Bayou Wallisville Outfall (H103-00-00) - Gellhorn Drive	061000405	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Hunting Bayou Wallisville Outfall (H103-00-00) - Denver Harbor	061000406	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Luce Bayou (Z100-00-00-P026) Bypass Channel	061000407	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Luce Bayou (Z100-00-00-P026) Channelization	061000412	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Luce Bayou (Z100-00-00-P026) Upstream Detention	061000413	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Clear Creek - Friendswood Detention Basin Near FM 528 in Friendswood	061000420	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Clear Creek - Hughes Stormwater Detention (SWD) Basin	061000421	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Clear Creek - Rehabilitation of the A214-00-00 channel to Restore Channel Conveyance Capacity	061000425	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FME	Addicks Reservoir - Design and Construction of a Bridge Replacement for Greenhouse Road at South Mayde Creek	061000441	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FMS	Harris County Wide Voluntary Buyout Program	062000063	-	$ 500,000,000.00	$ -	$ 500,000,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FMP	Brays Bayou Watershed Mitigation Project CDBG MIT Application - Bintliff Ditch Improvements D133-00-00 & Sharptown	063000027	-	$ -	$ 107,061,000.00	$ 107,061,000.00	N/A	0%	100%	100%	NO

06	Harris County Flood Control District	FMP	Sims Bayou CDBG MIT Application - South Post Oak SWDB C147/C547; South Shaver SWDB C506-01-00-E003; Salt Water Ditch SWDB & Channel Improvements C108-00-00	063000037	-	$ -	$ 99,653,000.00	$ 99,653,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FMP	Halls Bayou Watershed Mitigation Application 1 - CDBG MIT	063000040	-	$ -	$ 99,653,000.00	$ 99,653,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FMP	White Oak Bayou CDBG MIT Application Projects: Kolbe Road Drainage Improvements, Barwood, E132-00-00, Tower Oaks, & Little White Oak	063000046	-	$ -	$ 120,015,000.00	$ 120,015,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FMP	West Fork San Jacinto River - Kingwood Benching & HW 242 Channelization	063000064	-	$ -	$ 994,000,000.00	$ 994,000,000.00	N/A	0%	100%	100%	NO
06	Harris County Flood Control District	FMP	Greens CDBG MIT Applicatoin Projects, including the following local drainage improvements: Castlewood, Fountainview, Humble Rd Place, North Forest, and the larger channelization and detention along Greens Bayou known as the Mid-Reach project.	063000167	-	$ -	$ 120,284,000.00	$ 120,284,000.00	N/A	0%	100%	100%	NO
06	Hedwig Village	FME	City of Hedwig Village Master Drainage Plan	061000241	-	$ 150,000.00	$ -	$ 150,000.00	N/A	0%	100%	100%	NO
06	Hillcrest Village	FME	City of Hillcrest Village Drainage Improvements	061000049	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	NO
06	Hillcrest Village	FME	City of Hillcrest Village Engineering Survey	061000072	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	NO
06	Hillcrest Village	FME	City of Hillcrest Master Drainage Plan	061000242	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	NO
06	Hillcrest Village	FMS	City of Hilcrest Village Land Acquisition	062000047	-	$ 250,000.00	$ -	$ 250,000.00	N/A	0%	100%	100%	NO
06	Hilshire Village	FME	City of Hilshire Village Master Drainage Plan	061000243	-	$ 110,000.00	$ -	$ 110,000.00	N/A	0%	100%	100%	NO
06	Hitchcock	FME	City of Hitchcock Master Drainage Plan	061000244	-	$ 720,000.00	$ -	$ 720,000.00	N/A	0%	100%	100%	NO
06	Hitchcock	FMP	City of Hitcock - Improve Regulations and Permit Requirements	063000142	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	White Oak Bayou - General Drainage Improvements along E105-00-00	061000196	-	$ 120,000.00	$ -	$ 120,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Houston Braeburn Glen Area Flood Mitigation	061000384	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Houston Fifth Area Flood Mitigation	061000417	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Houston Port Area Flood Mitigation	061000418	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Houston Huntington Village Area Flood Mitigation	061000419	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Spring Shadows South	061000433	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Houston Kashmere Gardens Area Flood Mitigation	061000434	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Catalina	061000465	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Houston	FME	Houston Sunnyside Area Flood Mitigation	061000468	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Humble	FME	City of Humble Master Drainage Plan	061000246	-	$ 320,000.00	$ -	$ 320,000.00	N/A	0%	100%	100%	NO
06	Hunters Creek Village	FME	City of Hunters Creek Village Master Drainage Plan	061000247	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Huntsville	FME	City of Huntsville Master Drainage Plan	061000248	-	$ 540,000.00	$ -	$ 540,000.00	N/A	0%	100%	100%	NO
06	Iowa Colony	FME	City of Iowa Colony Master Drainage Plan	061000249	-	$ 310,000.00	$ -	$ 310,000.00	N/A	0%	100%	100%	NO
06	Jacinto City	FME	City of Jacinto City Master Drainage Plan	061000250	-	$ 180,000.00	$ -	$ 180,000.00	N/A	0%	100%	100%	NO
06	Jamaica Beach	FME	Jamica Cove Rd. Survey	061000145	-	$ 140,000.00	$ -	$ 140,000.00	N/A	0%	100%	100%	NO
06	Jamaica Beach	FME	City of Jamaica Beach Master Drainage Plan	061000251	-	$ 140,000.00	$ -	$ 140,000.00	N/A	0%	100%	100%	NO
06	Jamaica Beach	FMP	City of Jamicia Beach - Improve Regulations and Permit Requirements	063000143	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Jersey Village	FME	White Oak Bayou - E127-00-00 Fork	061000192	-	$ 150,000.00	$ -	$ 150,000.00	General Revenue	100%	0%	100%	YES
06	Jersey Village	FME	City of Jersey Village Master Drainage Plan	061000252	-	$ 220,000.00	$ -	$ 220,000.00	Taxes	100%	0%	100%	YES
06	Katy	FME	City of Katy Master Drainage Plan	061000253	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	NO
06	Katy	FME	Warren Lake and Dam Retrofit	061000320	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Kemah	FME	Widen Drainage Systems and Culverts in City of Kemah	061000121	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Kemah	FME	Implemention Study of Storm Sewer System Re-engineering in City of Kemah	061000131	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Kemah	FME	Corp of Engineers study of the Galveston County Water Reservoir Dam and Levee system	061000134	-	$ 1,590,000.00	$ -	$ 1,590,000.00	N/A	0%	100%	100%	NO
06	Kemah	FME	City of Kemah Master Drainage Plan	061000254	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Kemah	FMS	Develop Program to Optimize Operation of the Flood Gates at Second Cut Outlet in City of Kemah	062000017	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Kemah	FMP	City of Kemah - Improve Regulations and Permit Requirements	063000144	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Kemah	FMP	City of Kemah - Update Floodplain Ordinance	063000145	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	La Marque	FME	City of La Maque - East Side Storm water detention	061000087	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	NO
06	La Marque	FME	Corp of Engineers study of the Galveston County Water Reservoir Dam and Levee system	061000138	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	NO
06	La Marque	FME	Implement Drainage Improvements in City of La Marque	061000147	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	NO

06	La Marque	FME	Evaluatin of Increase Height of Existing Levee Wall System in City of La Marque	061000149	-	$ 810,000.00	$ -	$ 810,000.00	N/A	0%	100%	100%	NO
06	La Marque	FME	City of La Marque Master Drainage Plan	061000255	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	NO
06	La Marque	FMP	City of La Marque - Improve Regulations and Permit Requirements	063000146	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	La Porte	FME	City of La Porte Master Drainage Plan	061000256	-	$ 410,000.00	$ -	$ 410,000.00	N/A	0%	100%	100%	NO
06	League City	FME	Lower Clear Creek & Dickinson Bayou Flood Mitigation Plan - Dickinson Bayou Alternative 2	061000022	-	$ 1,090,000.00	$ -	$ 1,090,000.00	N/A	0%	100%	100%	NO
06	League City	FME	City of League City - Kansas Street Drainage	061000088	-	$ 580,000.00	$ -	$ 580,000.00	N/A	0%	100%	100%	NO
06	League City	FME	League City - Stormwater Drainage Improvement- Interurban & Newport ditch	061000097	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	League City	FME	Highland Terrace Drainage	061000103	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	League City	FME	Stormwater Drainage Improvement- Nottingham ditch	061000115	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	League City	FME	Stormwater Drainage Improvement- Bradshaw Rd	061000118	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	League City	FME	Shellside Drainage Improvements	061000119	-	$ 580,000.00	$ -	$ 580,000.00	N/A	0%	100%	100%	NO
06	League City	FME	City of League City Master Drainage Plan	061000257	-	$ 580,000.00	$ -	$ 580,000.00	N/A	0%	100%	100%	NO
06	League City	FMS	City of League City Property Acquisition and Relocation	062000052	-	$ 300,000,000.00	$ -	$ 300,000,000.00	N/A	0%	100%	100%	NO
06	League City	FMP	Lower Clear Creek & Dickinson Bayou Flood Mitigation Plan - Lower Clear Creek Alternative 3	063000026	-	$ -	$ 1,150,000,000.00	$ 1,150,000,000.00	N/A	0%	100%	100%	NO
06	League City	FMP	City of League City Freeboard Ordinance	063000115	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Liberty	FME	Liberty County Drainage Projects	061000083	-	$ 2,000,000.00	$ -	$ 2,000,000.00	N/A	0%	100%	100%	NO
06	Liberty	FME	Update Liberty County Floodplain Maps	061000125	-	$ 5,120,000.00	$ -	$ 5,120,000.00	N/A	0%	100%	100%	NO
06	Liberty	FME	Recanalization Feasibility Study	061000135	-	$ 2,000,000.00	$ -	$ 2,000,000.00	N/A	0%	100%	100%	NO
06	Liberty	FME	Liberty County Culvert Replacement Project	061000148	-	$ 120,000.00	$ -	$ 120,000.00	N/A	0%	100%	100%	NO
06	Liberty	FME	Liberty County Regional Flood Drainage Plan	061000160	-	$ 2,000,000.00	$ -	$ 2,000,000.00	N/A	0%	100%	100%	NO
06	Liberty	FME	Update Liberty County FIRMs to Include Bench Marks	061000173	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Liberty	FMS	Expand Development of Emergency Notification System in Liberty County	062000023	-	$ 10,000.00	$ -	$ 10,000.00	N/A	0%	100%	100%	NO
06	Liberty	FMS	Liberty County Floodplain Acquistion	062000055	-	$ 750,000.00	$ -	$ 750,000.00	N/A	0%	100%	100%	NO
06	Liberty	FMS	Liberty County Regional Coordination	062000065	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Liverpool	FME	City of Liverpool Master Drainage Plan	061000258	-	$ 160,000.00	$ -	$ 160,000.00	N/A	0%	100%	100%	NO
06	Magnolia	FME	City of Magnolia Master Drainage Plan	061000259	-	$ 210,000.00	$ -	$ 210,000.00	N/A	0%	100%	100%	NO
06	Manvel	FME	City of Manvel SH. 6 Drainage Improvements	061000041	-	$ 3,000,000.00	$ -	$ 3,000,000.00	N/A	0%	100%	100%	NO
06	Manvel	FME	City of Manvel Flora St. Drainage Improvements	061000045	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Manvel	FME	City of Manvel Various Drainage Improvements	061000047	-	$ 460,000.00	$ -	$ 460,000.00	N/A	0%	100%	100%	NO
06	Manvel	FME	City of Manvel Gates Loop Subdivision Drainage Improvement	061000059	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Manvel	FME	City of Manvel Master Drainage Plan	061000260	-	$ 460,000.00	$ -	$ 460,000.00	N/A	0%	100%	100%	NO
06	Manvel	FME	City of Manvel Rogers Rd. Drainage Improvements	061000415	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Manvel	FMS	City of Manvel Propery Acquisition	062000048	-	$ 1,700,000.00	$ -	$ 1,700,000.00	N/A	0%	100%	100%	NO
06	Manvel	FMP	City of Manvel City Ordinance	063000129	-	$ 103,000.00	$ -	$ 103,000.00	N/A	0%	100%	100%	NO
06	Manvel	FMP	City of Manvel Land-Use Ordinance Adoption	063000130	-	$ 103,000.00	$ -	$ 103,000.00	N/A	0%	100%	100%	NO
06	Manvel	FMP	City of Manvel GIS Database Improvements	063000132	-	$ 21,000.00	$ -	$ 21,000.00	N/A	0%	100%	100%	NO
06	Meadows Place	FME	City of Meadows Place Master Drainage Plan	061000261	-	$ 150,000.00	$ -	$ 150,000.00	N/A	0%	100%	100%	NO
06	Missouri City	FME	City of Missouri City Master Drainage Plan	061000262	-	$ 470,000.00	$ -	$ 470,000.00	N/A	0%	100%	100%	NO
06	Mont Belvieu	FME	City of Mont Belvieu Master Drainage Plan	061000263	-	$ 390,000.00	$ -	$ 390,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FME	San Jacinto Watershed and Tributary Barrier and Flood Mitigation - East County Project	061000168	-	$ 1,160,000.00	$ -	$ 1,160,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FME	San Jacinto Watershed and Tributary Barrier and Flood Mitigation - West County Project	061000169	-	$ 1,110,000.00	$ -	$ 1,110,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FME	City of Montgomery Master Drainage Plan	061000264	-	$ 250,000.00	$ -	$ 250,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FME	Montgomery Flood Mapping Updates	061000307	-	$ 4,700,000.00	$ -	$ 4,700,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FME	Roman Forest Boulevard Bridge Elevation Project	061000388	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FME	Sawdust Road Bridge Elevation Project	061000426	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FME	Southeast Montgomery County Master Drainage Plan	061000463	-	$ 1,170,000.00	$ -	$ 1,170,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FMP	Caney Creek - Channelization at IH-69 & Detention at FM1097 + SH105	063000058	-	$ -	$ 469,000,000.00	$ 469,000,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FMP	Lake Creek - Detention on Garretts Creek, Little Caney Creek, & Caney Creek	063000060	-	$ -	$ 291,000,000.00	$ 291,000,000.00	N/A	0%	100%	100%	NO
06	Montgomery	FMP	Peach Creek - Channelization at IH-69 & Detention at SH105 + Walker Creek	063000061	-	$ -	$ 810,000,000.00	$ 810,000,000.00	N/A	0%	100%	100%	NO

06	Montgomery	FMP	Spring Creek - Woodland (200-ft) and I-45 Channelization with detention at Birch Creek and Walnut Creek	063000062	-	$ -	$ 393,000,000.00	$ 393,000,000.00	N/A	0%	100%	100%	NO
06	Morgan's Point	FME	City of Morgan's Point Master Drainage Plan	061000265	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Nassau Bay	FME	City of Nassau Bay Master Drainage Plan	061000266	-	$ 180,000.00	$ -	$ 180,000.00	N/A	0%	100%	100%	NO
06	New Waverly	FME	Property Protection, Structural Project	061000086	-	$ 2,500,000.00	$ -	$ 2,500,000.00	N/A	0%	100%	100%	NO
06	New Waverly	FME	Remedy Data Deficiency in City of New Waverly	061000116	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	New Waverly	FME	City of New Waverly Master Drainage Plan	061000267	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	New Waverly	FMS	Public Information and Awareness in City of New Waverly	062000019	-	$ 10,000.00	$ -	$ 10,000.00	N/A	0%	100%	100%	NO
06	North Cleveland	FME	Elevate Existing Bridge - East Fork San Jacinto River	061000140	-	$ 1,000,000.00	$ -	$ 1,000,000.00	N/A	0%	100%	100%	NO
06	North Cleveland	FME	City of North Cleveland Engineering Study	061000161	-	$ 400,000.00	$ -	$ 400,000.00	N/A	0%	100%	100%	NO
06	North Cleveland	FME	Elevation of Bridge Road in City of North Cleveland	061000162	-	$ 120,000.00	$ -	$ 120,000.00	N/A	0%	100%	100%	NO
06	North Cleveland	FME	City of North Cleveland Master Drainage Plan	061000268	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Oak Ridge North	FME	City of Oak Ridge North Master Drainage Plan	061000269	-	$ 170,000.00	$ -	$ 170,000.00	N/A	0%	100%	100%	NO
06	Panorama Village	FME	City of Panorama Village Master Drainage Plan	061000270	-	$ 160,000.00	$ -	$ 160,000.00	N/A	0%	100%	100%	NO
06	Pasadena	FME	City of Pasadena Master Drainage Plan	061000271	-	$ 550,000.00	$ -	$ 550,000.00	N/A	0%	100%	100%	NO
06	Pasadena	FME	City of Pasadena - Hurricane Harvey Drainage Mitigation Project 1	061000370	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Pasadena	FME	City of Pasadena - Hurricane Harvey Drainage Mitigation Project 2	061000371	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Pasadena	FME	City of Pasadena - Hurricane Harvey Drainage Mitigation Project 3	061000372	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Pasadena	FME	Middle Armand Bayou Protection Project	061000467	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Patton Village	FME	City of Patton Village Master Drainage Plan	061000272	-	$ 200,000.00	$ -	$ 200,000.00	N/A	0%	100%	100%	NO
06	Pearland	FME	West Chocolate Bayou (CR 383 Ditch)	061000050	-	$ 220,000.00	$ -	$ 220,000.00	N/A	0%	100%	100%	YES
06	Pearland	FME	West Fork Chocolate (Cold River Ranch Ditch)	061000051	-	$ 180,000.00	$ -	$ 180,000.00	N/A	0%	100%	100%	YES
06	Pearland	FME	West Fork Chocolate Bayou	061000052	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	YES
06	Pearland	FME	East Chocolate Bayou (E103-00-00)	061000053	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	YES
06	Pearland	FME	Cannon Ditch Segment 2	061000054	-	$ 260,000.00	$ -	$ 260,000.00	N/A	0%	100%	100%	YES
06	Pearland	FME	Mary's Creek Lower Segment	061000056	-	$ 160,000.00	$ -	$ 160,000.00	Other	0%	100%	100%	YES
06	Pearland	FME	Hickory Slough (Upper Segment)	061000057	-	$ 250,000.00	$ -	$ 250,000.00	Other	0%	100%	100%	YES
06	Pearland	FME	Hickory Slough Middle Segment	061000060	-	$ 180,000.00	$ -	$ 180,000.00	Other	0%	100%	100%	YES
06	Pearland	FME	Mary's Creek Upper Segment	061000061	-	$ 250,000.00	$ -	$ 250,000.00	Other	0%	100%	100%	YES
06	Pearland	FME	Mary's Creek Middle Segment	061000063	-	$ 240,000.00	$ -	$ 240,000.00	Other	0%	100%	100%	YES
06	Pearland	FME	Mustang Bayou Middle Segment	061000064	-	$ 260,000.00	$ -	$ 260,000.00	N/A	0%	100%	100%	YES
06	Pearland	FME	Hickory Slough Lower Segment	061000065	-	$ 160,000.00	$ -	$ 160,000.00	Other	0%	100%	100%	YES
06	Pearland	FME	Mustang Bayou Upper Segment	061000066	-	$ 280,000.00	$ -	$ 280,000.00	N/A	0%	100%	100%	YES
06	Pearland	FME	Cowart Creek Segment 16	061000070	-	$ 190,000.00	$ -	$ 190,000.00	Other	0%	100%	100%	YES
06	Pearland	FMS	City of Pearland SRL and RL Property Acquisition	062000062	-	$ 100,000.00	$ -	$ 100,000.00	Other	0%	100%	100%	YES
06	Piney Point Village	FME	City of Piney Point Village Master Drainage Plan	061000274	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Piney Point Village	FME	Blalock Road Drainage Improvement Project	061000327	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Plantersville	FME	City of Plantersville Master Drainage Plan	061000275	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Plum Grove	FME	Raise Road Surfaces in City of Plum Grove	061000102	-	$ 35,000.00	$ -	$ 35,000.00	N/A	0%	100%	100%	NO
06	Plum Grove	FME	City of Plum Grove Master Drainage Plan	061000276	-	$ 230,000.00	$ -	$ 230,000.00	N/A	0%	100%	100%	NO
06	Prairie View	FME	City of Prairie View Master Drainage Plan	061000277	-	$ 290,000.00	$ -	$ 290,000.00	N/A	0%	100%	100%	NO
06	Roman Forest	FME	City of Roman Forest Master Drainage Plan	061000278	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	San Jacinto	FME	San Jacinto Flood Mapping Updates	061000308	-	$ 2,790,000.00	$ -	$ 2,790,000.00	N/A	0%	100%	100%	NO
06	San Jacinto	FMP	East Fork San Jacinto River - Winters Bayou Detention	063000059	-	$ -	$ 134,000,000.00	$ 134,000,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FME	City of Sante Fe - Storm Water Detention & Widening Drainage System and Cuvlerts Study	061000094	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FME	Storm Water Detention Ponds Evalution in the City of Santa Fe	061000164	-	$ 380,000.00	$ -	$ 380,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FME	Drainage System Analysis for City of Santa Fe	061000165	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FME	City of Santa Fe Master Drainage Plan	061000279	-	$ 380,000.00	$ -	$ 380,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FMS	City of Santa Fe Stormproof/retrofit New Critical Infrastructure	062000039	-	$ 5,000,000.00	$ -	$ 5,000,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FMS	City of Santa Fe - Harden Existing Critical Facilites and Infrastructure	062000053	-	$ 2,000,000.00	$ -	$ 2,000,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FMS	City of Santa Fe - Drainge System Maintenance	062000054	-	$ 5,000.00	$ -	$ 5,000.00	N/A	0%	100%	100%	NO
06	Santa Fe	FMP	City of Santa Fe - Improve Regulations and Permit Requirements	063000149	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Seabrook	FME	City of Seabrook Master Drainage Plan	061000280	-	$ 420,000.00	$ -	$ 420,000.00	N/A	0%	100%	100%	NO
06	Shenandoah	FME	City of Shenandoah Master Drainage Plan	061000281	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO

06	Shoreacres	FME	Shoreacres Drainage Assessment	061000031	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Shoreacres	FME	City of Shoreacres Master Drainage Plan	061000282	-	$ 150,000.00	$ -	$ 150,000.00	N/A	0%	100%	100%	NO
06	South Houston	FME	City of South Houston Master Drainage Plan	061000283	-	$ 210,000.00	$ -	$ 210,000.00	N/A	0%	100%	100%	NO
06	Southside Place	FME	City of Southside Place Master Drainage Plan	061000284	-	$ 110,000.00	$ -	$ 110,000.00	N/A	0%	100%	100%	NO
06	Southside Place	FME	City of Southside Place - Auden Street Drainage Improvement Project	061000435	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Splendora	FME	City of Splendora Master Drainage Plan	061000285	-	$ 210,000.00	$ -	$ 210,000.00	N/A	0%	100%	100%	NO
06	Spring Valley Village	FME	City of Spring Valley Village Master Drainage Plan	061000286	-	$ 160,000.00	$ -	$ 160,000.00	N/A	0%	100%	100%	NO
06	Stafford	FME	City of Stafford Drainage Improvements	061000004	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	NO
06	Stafford	FME	Missouri City Estates Drainage Improvements	061000005	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Stafford	FME	City of Stafford Run Creek Detention Pond Construction	061000166	-	$ 300,000.00	$ -	$ 300,000.00	N/A	0%	100%	100%	NO
06	Stafford	FME	City of Stafford Master Drainage Plan	061000287	-	$ 280,000.00	$ -	$ 280,000.00	N/A	0%	100%	100%	NO
06	Stagecoach	FME	City of Stagecoach Master Drainage Plan	061000288	-	$ 160,000.00	$ -	$ 160,000.00	N/A	0%	100%	100%	NO
06	Sugar Land	FME	City of Sugar Land Master Drainage Plan	061000289	-	$ 540,000.00	$ -	$ 540,000.00	N/A	0%	100%	100%	NO
06	Taylor Lake Village	FME	City of Taylor Lake Village Master Drainage Plan	061000290	-	$ 170,000.00	$ -	$ 170,000.00	N/A	0%	100%	100%	NO
06	Texas City	FME	City of Texas City Master Drainage Plan	061000291	-	$ 950,000.00	$ -	$ 950,000.00	N/A	0%	100%	100%	NO
06	Tiki Island	FME	Replace the Tiki Drive bridge with improved, hardened bridge to withstand storm surge and debris.	061000080	-	$ 220,000.00	$ -	$ 220,000.00	N/A	0%	100%	100%	NO
06	Tiki Island	FME	City of Tiki Island Master Drainage Plan	061000292	-	$ 180,000.00	$ -	$ 180,000.00	N/A	0%	100%	100%	NO
06	Tiki Island	FMP	City of Tiki Island - Improve Regulations and Permit Requirements	063000148	-	$ 109,000.00	$ -	$ 109,000.00	N/A	0%	100%	100%	NO
06	Todd Mission	FME	City of Todd Mission Reduction of Floodplain Area Roads and Drainage Upgrade	061000143	-	$ 220,000.00	$ -	$ 220,000.00	N/A	0%	100%	100%	NO
06	Todd Mission	FME	City of Todd Mission Master Drainage Plan	061000293	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Todd Mission	FMS	City of Todd Mission Public Outreach & Education	062000021	-	$ 20,000.00	$ -	$ 20,000.00	N/A	0%	100%	100%	NO
06	Todd Mission	FMS	Hardening of Critical Facilites in City of Mission Todd	062000059	-	$ 25,000.00	$ -	$ 25,000.00	N/A	0%	100%	100%	NO
06	Tomball	FME	City of Tomball Master Drainage Plan	061000294	-	$ 350,000.00	$ -	$ 350,000.00	N/A	0%	100%	100%	NO
06	Tomball	FME	City of Tomball Drainage Improvements	061000373	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Walker	FME	Hostetter and Gourd Creek Bridges Elevation Evaluation	061000130	-	$ 130,000.00	$ -	$ 130,000.00	N/A	0%	100%	100%	NO
06	Walker	FME	Southwood Forest Subdivision and Forgotten Forest Subdivision Evaluation	061000141	-	$ 110,000.00	$ -	$ 110,000.00	N/A	0%	100%	100%	NO
06	Walker	FME	Flood Gates Evaluation at Walker County Annex #2	061000156	-	$ 20,000.00	$ -	$ 20,000.00	N/A	0%	100%	100%	NO
06	Walker	FME	Walker Flood Mapping Updates	061000309	-	$ 3,530,000.00	$ -	$ 3,530,000.00	N/A	0%	100%	100%	NO
06	Walker	FMS	Walker County Public Information and Awareness	062000027	-	$ 500,000.00	$ -	$ 500,000.00	N/A	0%	100%	100%	NO
06	Walker	FMS	Walker County Property Acquisition in Deep River Plantation Subdivision	062000038	-	$ 5,000,000.00	$ -	$ 5,000,000.00	N/A	0%	100%	100%	NO
06	Walker	FMS	Install Outdoor Early warning System in Walker County	062000043	-	$ 850,000.00	$ -	$ 850,000.00	N/A	0%	100%	100%	NO
06	Walker	FMS	Walker County Public Hazard Information and Awareness Campaign	062000044	-	$ 20,000.00	$ -	$ 20,000.00	N/A	0%	100%	100%	NO
06	Walker	FMS	Retrofit and Harden the Emergency Operations Center Serving Walker County	062000045	-	$ 4,000,000.00	$ -	$ 4,000,000.00	N/A	0%	100%	100%	NO
06	Waller	FME	Stream and River Flood Program	061000082	-	$ 250,000.00	$ -	$ 250,000.00	N/A	0%	100%	100%	NO
06	Waller	FME	Cane Island Branch- Alt 2	061000085	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	NO
06	Waller	FME	Waller County Flood Damage Prevention Planning	061000129	-	$ 1,160,000.00	$ -	$ 1,160,000.00	N/A	0%	100%	100%	NO
06	Waller	FME	Cane Island Branch- Alt 1	061000152	-	$ 360,000.00	$ -	$ 360,000.00	N/A	0%	100%	100%	NO
06	Waller	FME	City of Waller Master Drainage Plan	061000295	-	$ 230,000.00	$ -	$ 230,000.00	N/A	0%	100%	100%	NO
06	Waller	FME	Waller Flood Mapping Updates	061000310	-	$ 2,320,000.00	$ -	$ 2,320,000.00	N/A	0%	100%	100%	NO
06	Waller	FMS	Waller County Elevation Certificate Requirement	062000016	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO
06	Waller	FMS	Waller County Drainage System Maintenance	062000040	-	$ 2,500,000.00	$ -	$ 2,500,000.00	N/A	0%	100%	100%	NO
06	Waller	FMS	Waller County Flood Hazard Public Information Campaign	062000041	-	$ 20,000.00	$ -	$ 20,000.00	N/A	0%	100%	100%	NO
06	Waller	FMS	Waller County Freeboard Requirement Update	062000042	-	$ 100,000.00	$ -	$ 100,000.00	N/A	0%	100%	100%	NO
06	Webster	FME	City of Webster Master Drainage Plan	061000296	-	$ 280,000.00	$ -	$ 280,000.00	N/A	0%	100%	100%	YES
06	West University Place	FME	City of West University Place Master Drainage Plan	061000297	-	$ 190,000.00	$ -	$ 190,000.00	Internal CIP Dollars	20%	80%	100%	NO
06	Willis	FME	City of Willis Master Drainage Plan	061000298	-	$ 250,000.00	$ -	$ 250,000.00	N/A	0%	100%	100%	NO
06	Willow Fork Drainage District	FME	Barker Reservoir Flood Risk Reduction and Park Project	061000324	-	$ 30,000.00	$ -	$ 30,000.00	N/A	0%	100%	100%	NO
06	Woodbranch Village	FME	City of Woodbranch Master Drainage Plan	061000299	-	$ 190,000.00	$ -	$ 190,000.00	N/A	0%	100%	100%	NO
06	Woodloch	FME	Town of Woodloch Master Drainage Plan	061000300	-	$ 50,000.00	$ -	$ 50,000.00	N/A	0%	100%	100%	NO