



The Governor's Commission to Rebuild Texas

## **REQUEST FOR FEDERAL ASSISTANCE CRITICAL INFRASTRUCTURE PROJECTS**



UPDATED DECEMBER 2017

GREG ABBOTT, GOVERNOR OF TEXAS

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GOVERNOR'S COMMISSION TO REBUILD TEXAS





**Rebuilding the Texas Gulf Coast  
After Hurricane Harvey  
Request for Federal Assistance  
Updated December 2017**

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**Rebuilding the Texas Gulf Coast  
After Hurricane Harvey  
Request for Federal Assistance  
October 2017**

The State of Texas is seeking additional federal assistance in rebuilding the public infrastructure of the Texas Gulf Coast damaged or destroyed by Hurricane Harvey earlier this year. This funding request is based on projects identified at the local and state levels and reviewed by state experts using a consistent evaluation framework. These projects are designed not only to restore damage caused by Hurricane Harvey, but also to do so in a way that makes the Gulf Coast more resilient and better able to withstand the effects of future natural disasters.

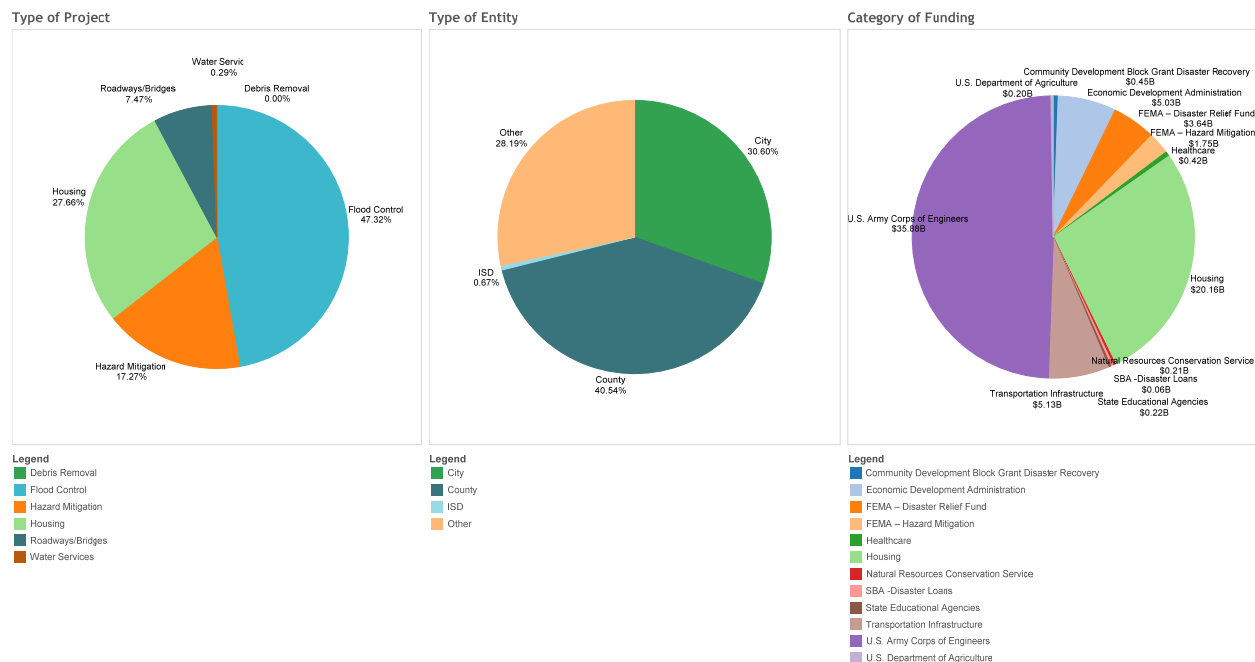
Governor Greg Abbott directed the Governor's Commission to Rebuild Texas to assemble this package based on the best available information during September and October following the hurricane. The Governor created the Commission by gubernatorial proclamation on September 7 to "to marshal state agency resources in order to coordinate the statewide effort to rebuild public infrastructure damaged by Hurricane Harvey."

The total amount of this request is \$61 billion in federal appropriations above the current expenditures by the Federal Emergency Management Administration (FEMA) and anticipated allocations for Community Development Block Grant funding for individual housing assistance by the U.S. Department of Housing and Urban Development. This level of additional federal assistance is vital to restoring the economy of the Texas Gulf Coast and is consistent with federal aid in past disasters such as Hurricane Katrina. The distribution of needs that forms the basis of this request is summarized in the accompanying Figure 1 on the following page.

This level of federal assistance is vital to restoring the economy of the Texas Gulf Coast, and allowing it to be the critical driver for the U.S. economy. Harvey was an extremely destructive Atlantic hurricane. The storm made landfall near Rockport, Texas, on August 26, and in the following days inundated a large swatch of the Texas coast from the Coastal Bend in the south to the Texas/Louisiana border with torrential rain accompanied by high winds of extraordinary force and intensity. In all, the storm directly affected more than 60 counties and left a path of damage and destruction along 300 miles of coastline and extended 100 miles inland. Estimates place the total damage to the state as high as \$180 billion with tens of thousands of homes, businesses and other property lost and extensive portions of the Gulf Coast economy disrupted for months.

This package of representative projects reflects the scope and extent of Harvey's devastation in the state. *Its focus is on delivering priority projects important in rebuilding the public infrastructure*, including roads, bridges, schools, government buildings, and other public facilities, as well as projects designed to mitigate the impacts of future storms by dealing directly with protecting coastal infrastructure, homes, businesses, critical facilities and national critical assets – like the petrochemical complex – from future hurricanes and coastal flooding. Although the identified improvements to the public infrastructure will benefit both the public and private sectors, including individual Texans, this request *does not* deal directly with housing needs that will be addressed through the Community Development Block Grant program.

**Figure 1: Breakdown of Request for Assistance by Category**



## Defining the Needed Assistance

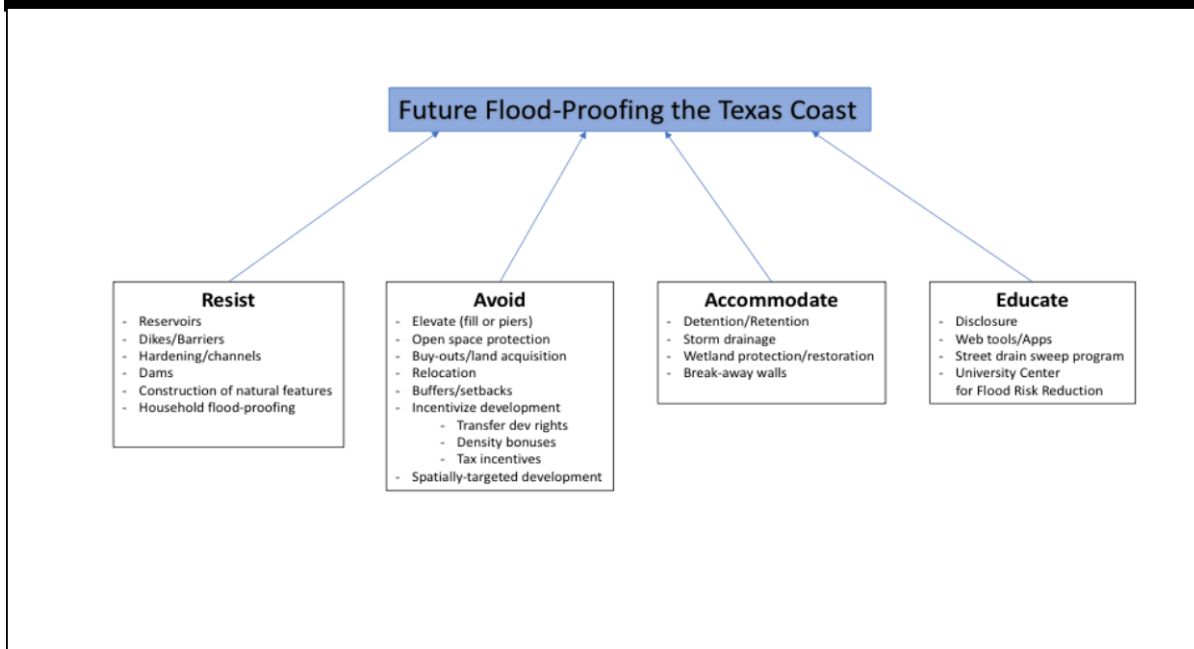
The projects selected to formulate this package were based on an extensive survey of locally identified needs conducted in the immediate aftermath of Hurricane Harvey in September 2017 by the Commission to Rebuild Texas. As such, they may not represent a complete or exhaustive list of all the needs in the affected counties. Assessment of the damage and future needs will require an ongoing effort over the next several months as data on the extent of the damage to the public infrastructure becomes clearer. However, these projects represent a broad range of identified needs in all of the cities and counties most directly affected by the storm, and funding for programs to deliver these types of improvements would represent a major step forward in restoring the Texas Gulf Coast.

The projects were identified through a multi-step process. First, city, county and school district officials were contacted and asked through a survey instrument to identify high priority projects. Fortunately, many cities and counties had the assistance of experts in the field of disaster recovery and mitigation or had worked in the past on disaster mitigation plans.

Information was also gathered on U.S. Army Corps of Engineer projects in the affected areas that could play a strategic role in mitigating the potential for future storm damage. These projects fell within one of the four key strategies based on the framework shown in Figure 2 that values both projects that restore the infrastructure to the condition it existed prior to Hurricane Harvey and that also work to mitigate the risk posed by future natural disasters, a concept called “future-proofing,” which is described in more detail below.

The local data was compiled and refined by the Commission’s staff with the assistance of a panel of experts selected from the state’s university systems for their expertise in the areas of coastal flooding and disaster mitigation.

**Figure 2: Future Proofing the Texas Coast, Key Strategies**



A committee of technical experts was convened to provide guidance to the Commission’s staff on selecting specific local project proposals falling under the Rebuild Texas Framework. A framework for selecting projects was developed to prioritize projects that maximize recovery and reduction of future flood losses. These criteria were organized along four guiding dimensions within which every proposal was considered:

- Degree of Flood Impacts Avoided;
- Economically Justifiable;
- Technically Feasible;
- Equity and Fairness; and
- Environmentally Sound.

As Figure 3 shows, each dimension contains specific criteria that support the “future-proofing” goal set forth by Governor Abbott to increasing the resiliency of Texas local communities over the long term.

Each locally-proposed project was scored by a panel of experts using the selection criteria in a checklist approach. Projects were checked for fulfilling each criterion. Those receiving the most checks were considered higher priority to receive funding. Project scores were ranked on an ordinal scale from low to high.

Figure 3: Project Selection Criteria	
<b>1) Degree of Flood Impacts Avoided</b>	<ul style="list-style-type: none"> <li>• The project completely or substantially solves the problem.</li> <li>• The project provides a permanent or long-term solution.</li> <li>• Measures that, if not taken, will have a detrimental impact on the applicant, such as potential loss of life, loss of essential services, damage to critical facilities, or economic hardship on the community.</li> <li>• Measures that have the greatest potential impact on reducing future disaster losses relative to a community's population.</li> <li>• High level of urgency, where action needs to be taken quickly in order to prevent a risk from growing worse.</li> </ul>
<b>2) Economically Justifiable</b>	<ul style="list-style-type: none"> <li>• The project is likely to be cost effective based on physical damages prevented.</li> <li>• Long-term economic benefits of losses avoided exceed up-front costs.</li> <li>• The project shall not cost more than the anticipated value of the reduction in both direct damages and subsequent negative impacts to the area if future floods were to occur.</li> </ul>
<b>3) Technically Feasible</b>	<ul style="list-style-type: none"> <li>• The project is consistent with other plans, projects, initiatives, and state agency priorities.</li> <li>• Project problem/issue is clearly defined and understood.</li> <li>• The project is “shovel ready” in that it has been thoroughly evaluated, adheres to existing regulatory standards, and has demonstrated local support.</li> <li>• The applicant community is a member, in good standing, of the NFIP.</li> <li>• The project uses design and construction methods and materials that are approved, codified, recognized, fall under standard or accepted level of practice, or otherwise are determined to be generally acceptable by the design and construction industry.</li> </ul>
<b>4) Equitable &amp; Fair</b>	<ul style="list-style-type: none"> <li>• The project is Non-discriminatory in its implementation.</li> <li>• A range of income levels and population sizes are protected.</li> <li>• The project provides equitable distribution of benefits geographically across impacted areas.</li> <li>• The project is critically needed or otherwise significantly maximizes public benefits, enhances public safety, and reduces state liability.</li> <li>• The project adheres to community development housing goals</li> </ul>
<b>5) Environmentally Sound</b>	<ul style="list-style-type: none"> <li>• The project will not create significant adverse environmental impacts.</li> <li>• The project, when implemented, does not increase storm-water runoff or peak flows in surrounding areas.</li> <li>• The project includes the protection or restoration of natural resources that provide critical ecosystem services (e.g. wetlands, riparian areas, dune systems, etc.).</li> <li>• The project considers cumulative impacts at a watershed level and does not adversely impact “down-stream” communities.</li> </ul>

## **Future-Proofing the Texas Gulf Coast**

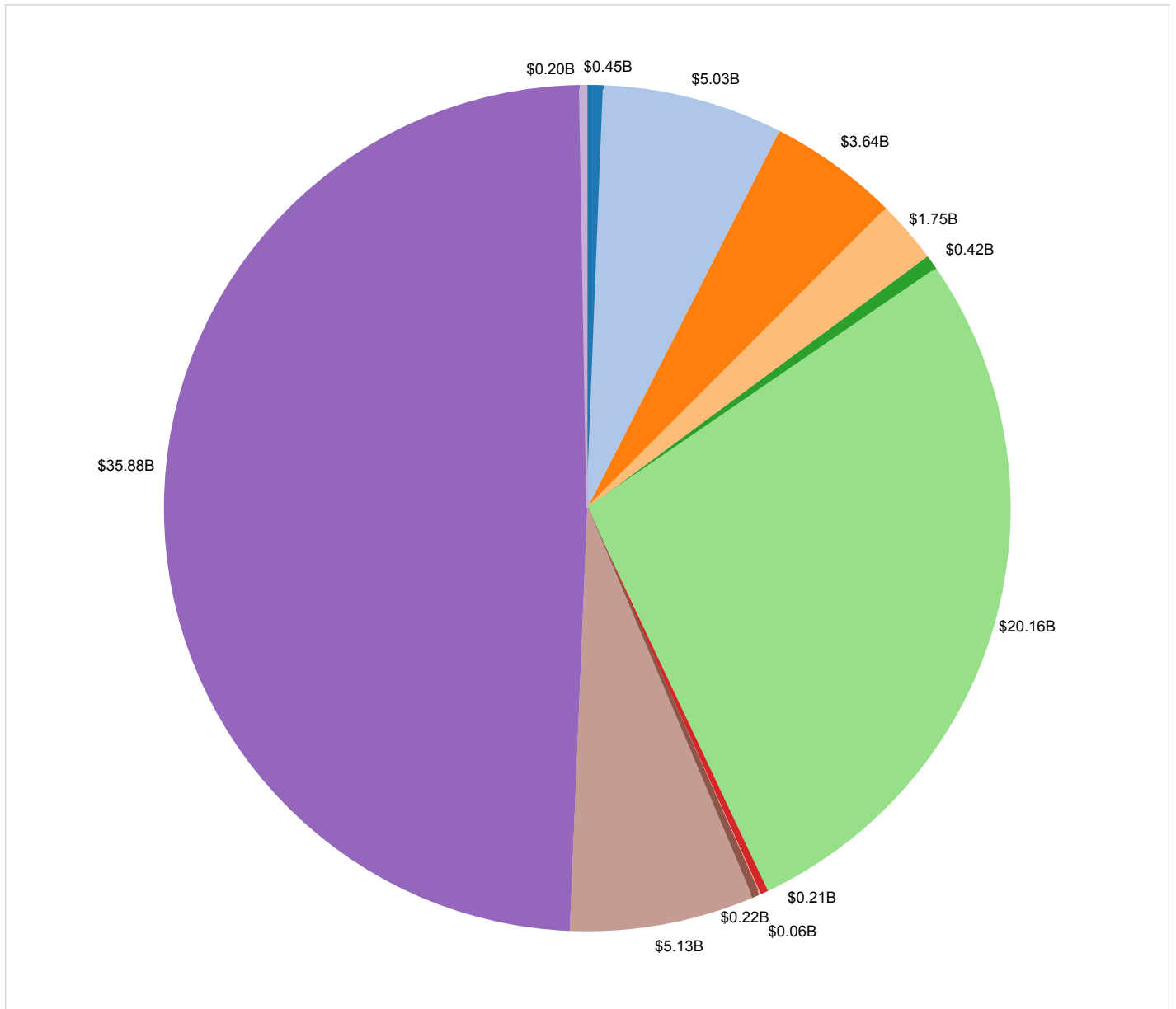
Governor Abbott challenged the Commission to Rebuild Texas to not only guide the rebuilding of the infrastructure that failed under the force of Hurricane Harvey, but to ensure resiliency to protect taxpayers from paying again for future damage. He asked the Commission to identify the strategies, policies, practices and types of projects that would help “future-proof” the entire Gulf Coast, protecting our cities, our rural areas, our industrial assets, and the homes of our fellow Texans.

In this context, “future-proofing” involves decision-makers developing capacities to learn from disasters to become better able to anticipate and prepare for future challenges. To undertake such future-proofing means taking long-term problems seriously, managing risks appropriately, investing in preparedness, prevention and mitigation, reducing future vulnerability, building resiliency into communities and institutions, and building local and state capacity to respond to and recover from future disasters more effectively.

Meeting these requirements is not a simple or inexpensive process. It will require the work of years, not weeks or months. It is, however, a process that, if completed successfully, will save the nation, the state, and individual Texans billions of dollars in losses and damages from future natural disasters, and save lives in the process.

The State of Texas, along with its local and federal partners, has done—and is doing—all that it can to respond to the unprecedented damage caused by Hurricane Harvey and to begin the recovery process along the Gulf Coast. For this effort to succeed, the task ahead needs both the continued partnership and financial support of the federal government. The Governor’s Commission to Rebuild Texas believes this funding request is a critical step in the effort to bring the Gulf Coast back to its rightful place as a vital and economically important hub of our state and of the nation.

# Distribution of Projects by Federal Funding Program



## Legend

- Community Development Block Grant Disaster Recovery
- Economic Development Administration
- FEMA – Disaster Relief Fund
- FEMA – Hazard Mitigation
- Healthcare
- Housing
- Natural Resources Conservation Service
- SBA -Disaster Loans
- State Educational Agencies
- Transportation Infrastructure
- U.S. Army Corps of Engineers
- U.S. Department of Agriculture

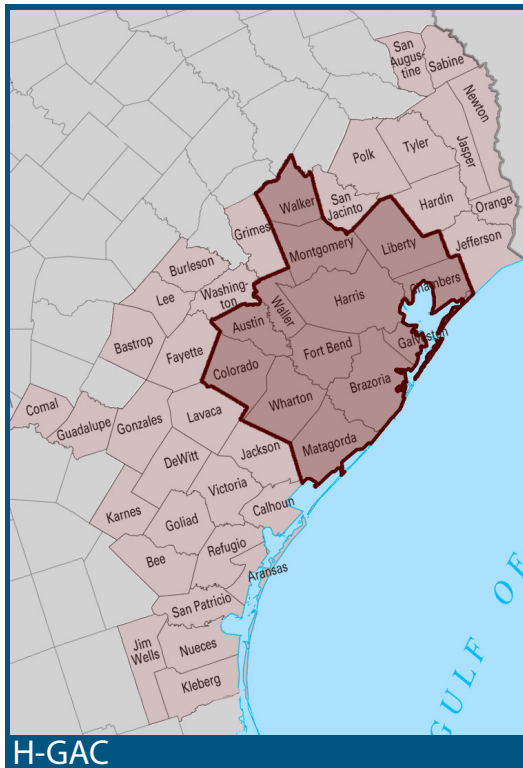


# Distribution of Projects by Federal Funding Program

Community Development Block Grant Disaster Recovery	\$453,100,000
Economic Development Administration	\$5,030,000,000
FEMA – Disaster Relief Fund	\$3,640,343,936
FEMA – Hazard Mitigation	\$1,745,975,000
Healthcare	\$420,000,000
Housing	\$20,164,953,369
Natural Resources Conservation Service	\$207,000,000
SBA -Disaster Loans	\$57,725,752
State Educational Agencies	\$220,068,866
Transportation Infrastructure	\$5,127,715,000
U.S. Army Corps of Engineers	\$35,882,353,000
U.S. Department of Agriculture	\$201,000,000

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## Brookshire-Katy Drainage District



H-GAC

### Cane Island Flood Reduction Project

Estimated Cost

**\$72,800,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**10**

### Description

Construct detention sites upstream of Pitts Road. Cane Island Watershed Alternative Project 1: The first alternative included placing detention upstream of Pitts Road in order to reduce the existing 100-year flows at Morton Road to that of a 25-year event. The amount of detention required upstream of Pitts Road is approximately 2,800 ac-ft. This alternative potentially removes 147 habitable structures and 476 acres from the floodplain upstream and downstream of Morton Road.

### Benefit

These detention sites will reduce downstream flow in the Cane Island watershed within the City of Katy during storm events which will remove 147 houses and 476 acres from the current floodplain.

### Return on Investment

These houses and other structures were flooded during Hurricane Harvey and other recent major rainfall events. This \$72 million project will eliminate the costs of rebuilding these houses and other infrastructure elements, as well as other negative and contributing impacts of these floods, which have exceeded \$50 million per event.

## Chambers County



### Chambers County Cedar Bayou Dredge Project

Estimated Cost

**\$250,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**36**

Dredge the base of Cedar Bayou in West Chambers County, the City of Baytown, and Harris County.

#### Description

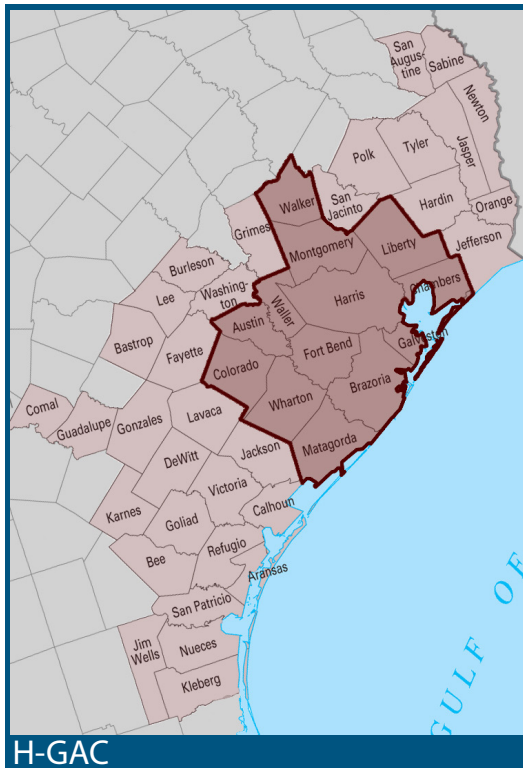
#### Benefit

The Cedar Bayou watershed has a known history of flooding, with several noteworthy rainfall events resulting in more than \$13M in damages since the late 1970's. The watershed has experienced several significant flooding events, including storms in June 1979, June 1981, August 1983 (Hurricane Alicia), May 1989, October 1994 (worst on record), June 2001 (Tropical Storm Allison), September 2008 (Hurricane Ike), April 2009, and October 2015. This dredging project will increase the water movement capability of Cedar Bayou and decrease the areas affected when water flow exceeds capacity.

#### Return on Investment

Recent rainfall events have resulted in additional damages, with rainfall totals and stream elevations reaching 100-year levels in parts of the watershed. Increasing the water movement capacity of Cedar Bayou would reduce flooding in the watershed area resulting in less damage to roadways, allow for better traffic flow for evacuations and first responders, and fewer residences and businesses flooded.

## Chambers County



H-GAC

### East Chambers County Spindletop Bayou Project

Estimated Cost

**\$50,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**USACE, FEMA-DRF**

Congressional District(s)

**36**

The East Chambers County Spindletop Bayou Project will increase the drainage capacity and create additional retention capacity in the bayou itself. This includes increasing I-10 crossings, enlarging ditches, and creating retention areas.

#### Description

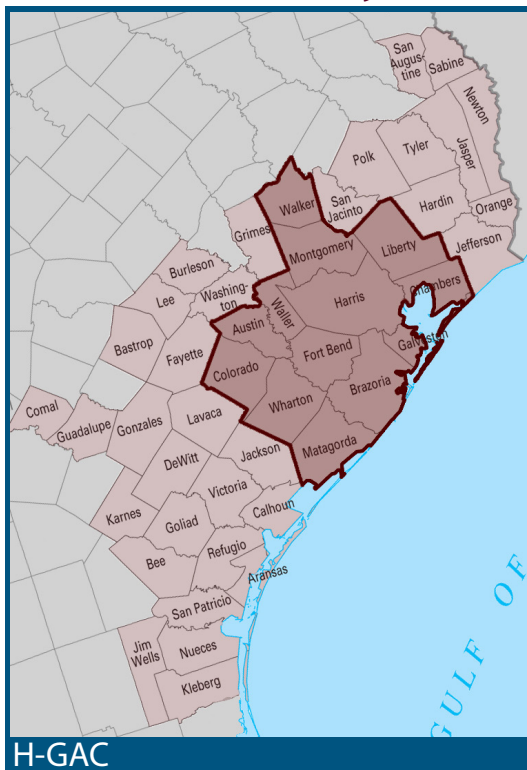
#### Benefit

Increasing the water movement capacity of the Spindletop Bayou drainage would reduce flooding in the watershed area surrounding the bayou, resulting in less damage to roadways, allowing for better traffic flow for civilian evacuations and first responders, as well as fewer residences and businesses that could potentially be flooded.

#### Return on Investment

This project will reduce the severity and reoccurrence of flood impacts in the during future high water events. This will decrease the costs of repetitive events on infrastructure, flood damage, and commerce in East Chambers County.

## Galveston County



### Galveston County Coastal Spine Project

Estimated Cost

**\$12,000,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**14**

This project is part of a larger coastal spine proposal also known as the "Ike Dike". The Ike Dike is a coastal barrier that, when completed, would protect the Houston-Galveston region including Galveston Bay from hurricane storm surge.

### Description

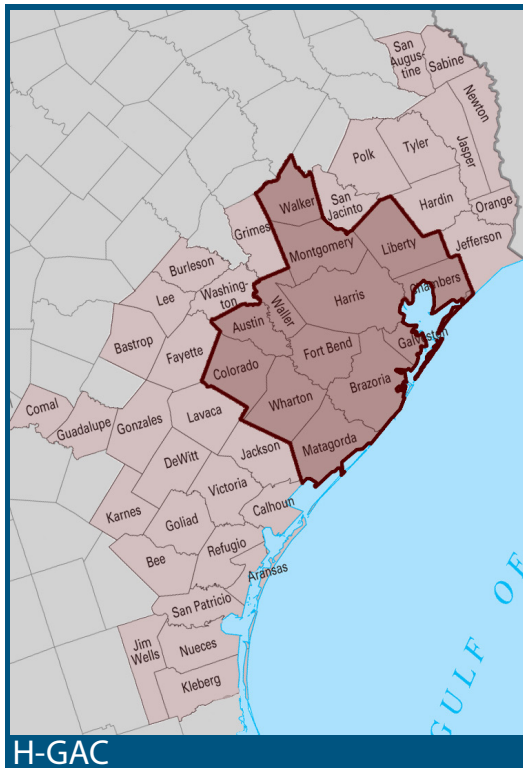
### Benefit

The Houston area (particularly the Bay Area) is home to the largest concentration of petroleum refining and petrochemical processing plants in the United States as well as being a large population center. The Port of Houston is the second-busiest and fourth largest port in the nation. This investment provides mitigation for impacts to the financial, energy production, shipping, and economic stability of both Texas and the nation.

### Return on Investment

This region is hit by a major hurricane about every 15 years. Hurricane Ike caused approximately \$30 billion in damages, loss of life and considerable damage to the natural environment, yet it was not nearly as destructive as future hurricanes could be.

## Harris County Flood Control District



### Non-Structural Flood Risk Management: Buffalo Bayou, Addicks & Barker Reservoirs Project

Estimated Cost

**\$6,000,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

### Description

Acquisition of land, easements, and rights-of-way for the Buffalo Bayou, and Addicks and Barker Reservoirs.

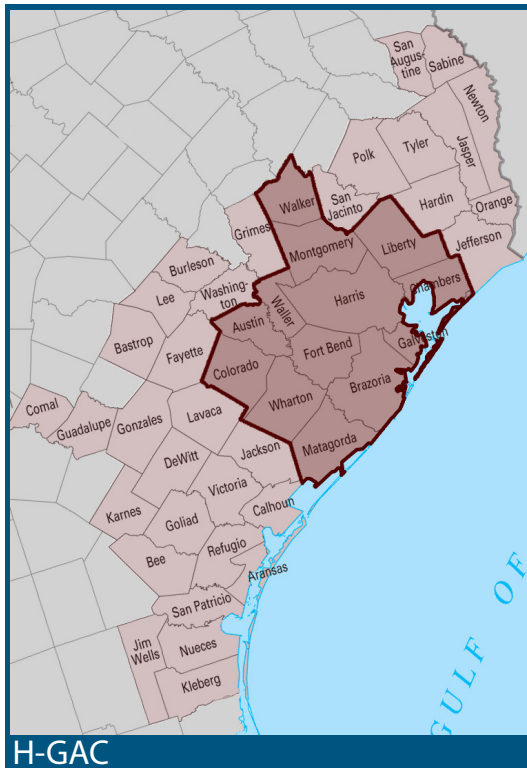
### Benefit

The acquisition of the land, easements, and rights-of-way upstream and downstream of existing government owned land will help to restore operational flexibility and maximize flood risk reductions.

### Return on Investment

The Addicks and Barker Reservoirs were designed to protect downtown Houston from extinction-level flooding, yet during Hurricane Harvey, they were filled above capacity and overflowing for the first time in history. The controlled release of water from these reservoirs impacted the level of flooding in Buffalo Bayou. This project will protect the area from flooding during future heavy rain events.

## Harris County Flood Control District



### Harris County Buyout Project

Estimated Cost

**\$800,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**FEMA-DRF, CDBG-DR**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

This \$800 million project will provide funds to buyout roughly 5,000 parcels of repetitively flooded land most recently affected by Hurricane Harvey. \$20 million has already been funded locally with the anticipation of some federal reimbursement.

### Description

The buyout will eliminate future costs of rebuilding houses and infrastructure, as well as reduce the need for costly water rescues in the area.

### Benefit

### Return on Investment

This \$800 million project will provide funds to buyout roughly 5,000 parcels of land to eliminate future costs of rebuilding houses and infrastructure, as well as reduce the need for costly water rescues in the area. \$20 million has already been funded locally with the anticipation of some federal reimbursement.



## City of Houston



### Spring Creek Reservoir Project

Estimated Cost

**\$400,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**18, 2, 9, 29, 7, 36, 22**

### Description

This project develops a reservoir along Spring Creek (San Jacinto River Authority) within Harris County to capture water and reduce flooding to Harris County and the City of Houston.

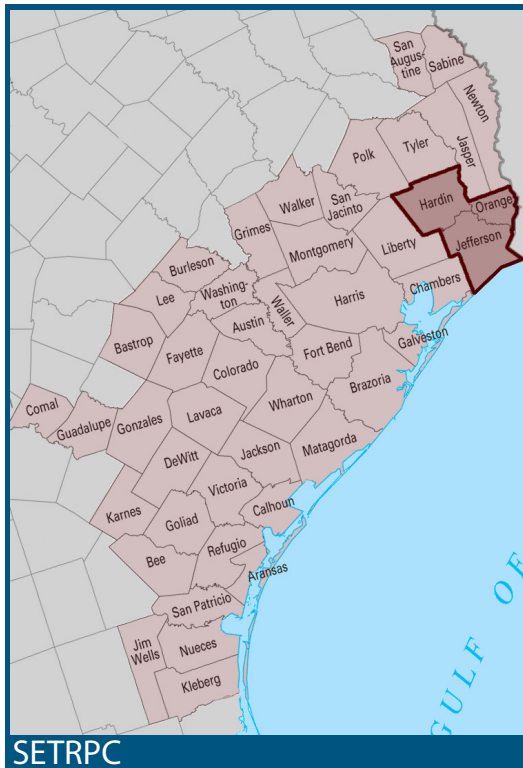
### Benefit

The construction of a reservoir in the Spring Creek area along the San Jacinto River Authority will help to protect this area from future flooding during heavy rain events and capture water overflow.

### Return on Investment

This \$400 million project will provide a reservoir to capture overflow from Spring Creek and protect this area from future flooding during heavy rain events and capture water overflow.

## Jefferson County



SETRPC

### Sabine-Neches Waterway Deepening Project

Estimated Cost

**\$750,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

This project deepens the Sabine-Neches Waterway from 40 feet to 48 feet, Congressionally authorized project for TX & LA referenced in Public Law(13-12,Title,VII,Sec (1) 7002. Damage and debris from Hurricane Harvey shut-down the waterway subsequent to the hurricane's landfall.

#### Description

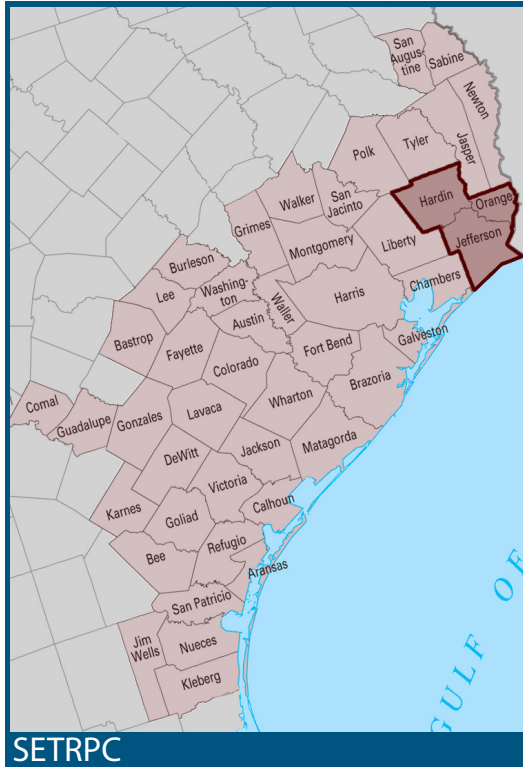
#### Benefit

The waterway deepening, which has previously been approved for funding by the federal government, will have many benefits including allowing larger ships to reach local ports, better manage waterway traffic, and stimulate economic development. Millions of dollars in economic value to the region was lost as a result of Hurricane Harvey.

#### Return on Investment

The project's \$750 million investment will prevent the loss millions of dollars in economic value to the region as occurred during Hurricane Harvey. According to estimates from Sabine-Neches Navigation District officials, the Port of Beaumont has lost more than \$1 billion in revenue over the 14-day period in which the port was closed. Beaumont is just one port that is tied to the waterway. The Houston Ship Channel was also limited due to the record breaking storm.

## Jefferson County



### Jefferson County Improvements to DD7 Hurricane Protection Level Flood Pumps

Estimated Cost

**\$50,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

This project makes improvements to DD7 hurricane protection level flood pumps which are of an outdated 1962 design.

#### Description

The benefits to Jefferson County would be that the hurricane protection level flood pumps would be modernized and brought up to current specifications, allowing for protection during flooding events.

#### Benefit

#### Return on Investment

This \$50,000,000 project allows for modernization of 1962 specification hurricane protection level flood pumps, improving human and property flood protection.

## City of Katy



### Cypress Creek Reservoir Project

Estimated Cost

**\$500,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**10, 22**

#### Description

This project involves completing designs to build out Cypress Creek Reservoir from plans to prevent future flooding. The construction of a stormwater management reservoir in the Cypress Creek area will help to protect this area from future flooding during heavy rain events and capture overflow from the Cypress Creek watershed into the Addicks Reservoir watershed. Includes downstream channel improvement on Bear Creek.

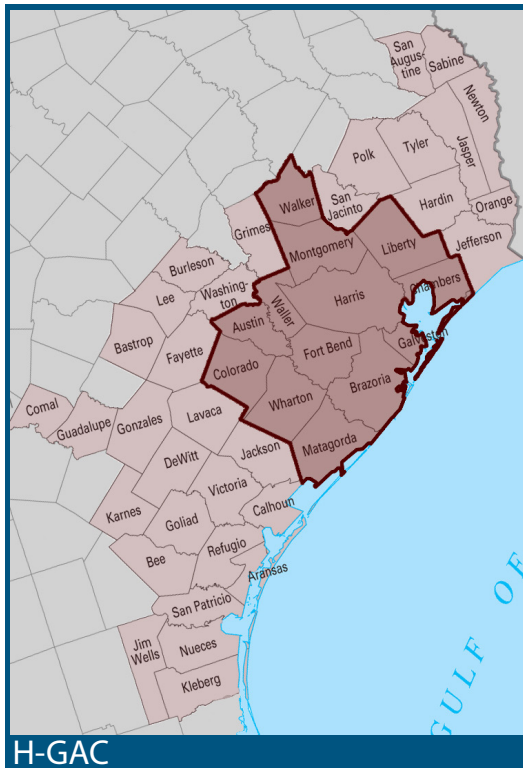
#### Benefit

The construction of a stormwater management reservoir in the Cypress Creek area will help the City of Katy and Harris County to protect this area from future flooding by controlling the flood waters during heavy rain events and capture overflow from the Cypress Creek watershed into the Addicks Reservoir watershed.

#### Return on Investment

This project would mitigate future flood control issues and will provide a stormwater management reservoir to capture overflow from the Cypress Creek watershed into the Addicks Reservoir watershed. The project will also include downstream channel improvements on Cypress Creek and Bear Creek to alleviate damage from potential flooding. A previous Army Corps of Engineers plan from 1940 included a levee along Cypress Creek to manage overflow; however, this levee was never constructed.

## Matagorda County Drainage District No. 1



H-GAC

### Matagorda County Drainage District No. 1 Protection Levee Structures Project

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**USACE, CDBG-DR**

Congressional District(s)

**27**

#### Description

Replace deteriorated pipe structures, repair gates as necessary, install new gates where needed, and add a pump station on the Cottonwood Creek Diversion Channel to the Colorado River to eliminate backwater flooding in communities along the levee during major flood events.

#### Benefit

This project will allow for improved protection of properties and residents east of the Colorado River during extreme flood events. This includes the communities of Bay City, Wadsworth, and Matagorda.

#### Return on Investment

This \$20,000,000 project will allow for the restoration and upgrade of existing drainage infrastructure and reduce flooding during major events to multiple communities.

## Matagorda County Drainage District No. 2



### Matagorda County Drainage District No. 2 Cottonwood Creek Drainage/ Detention Improvements

Estimated Cost

**\$12,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**USACE, CDBG-DR**

Congressional District(s)

**27**

#### Description

Cottonwood Creek's channel is restricted by right-of-way encroachments and numerous street crossings. The addition of detention capacity within the watershed, both the upper portion and lower portion, along with channel improvements (including concrete lining) and the replacement of crossings would increase the channel's capacity and reduce the flooding risk.

#### Benefit

Cottonwood Creek is the main drainage channel for the majority of the City of Bay City within the district. This project will allow for increased channel capacity and reduce flood risk for residential areas within the watershed and the downtown portion of Bay City, including the intersection of two major evacuation routes for Matagorda County.

#### Return on Investment

This \$12,000,000 project will allow for increased channel capacity within existing drainage infrastructure, providing for greater flood control and reducing flooding risk for residential areas within the watershed and in downtown Bay City, including evacuation routes.



## Montgomery County



### Montgomery County Reservoirs Project

Estimated Cost

**\$1,600,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**8**

#### Description

Project will secure property, engineer and construct a new reservoir system along Lake Creek, Little Lake Creek and Spring Creek watersheds.

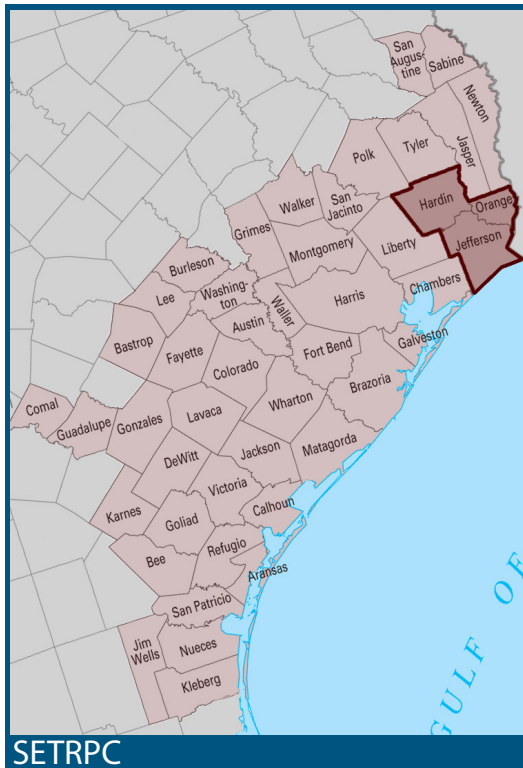
#### Benefit

This project will benefit the entire county area by allowing for flood control by means of reservoirs which will protect against large flooding events such as the recent Hurricane Harvey.

#### Return on Investment

This \$1,600,000,000 project will allow the county to buy property, design and build new reservoirs along creek watersheds which will allow for flood control during large-scale flood events in the future.

## Orange County



### Orange County Coastal Spine Project

Estimated Cost

**\$665,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**36**

#### Description

The project, part of the Gulf Coast Community Protection and Recovery District levee system, will provide vital protection from Hurricane/Tropical Storm surge and also have the ability to pump water out of Orange County during a river or rain flooding event. The projected Orange County cost is approximately \$1.9 billion because, unlike other included counties, Orange County has no levee/flood protection

#### Benefit

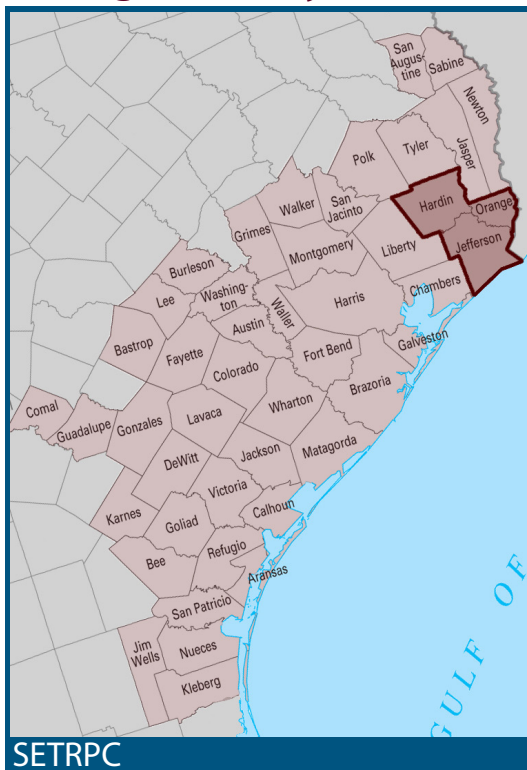
This project will provide protection from hurricane and storm surge and allow technicians to pump water from Orange County during a flooding event. This will enhance protections of Orange County's extensive production sites vital to the petrochemical industry, keeping nationwide fuel supply online.

#### Return on Investment

This \$665,000,000 investment will provide the county's share of a region-wide Federal project to mitigate the effects of future flooding events by allowing for protection from hurricane and storm surge and providing a levee system, which Orange County currently lacks.



## Orange County



### Orange County River Levees and Pump Stations Project

Estimated Cost

**\$500,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**36**

This project would create levees along the Sabine and Neches Rivers to prevent repeated flooding. Orange County has suffered repeated and worsening river flooding in 2015, 2016, and 2017.

#### Description

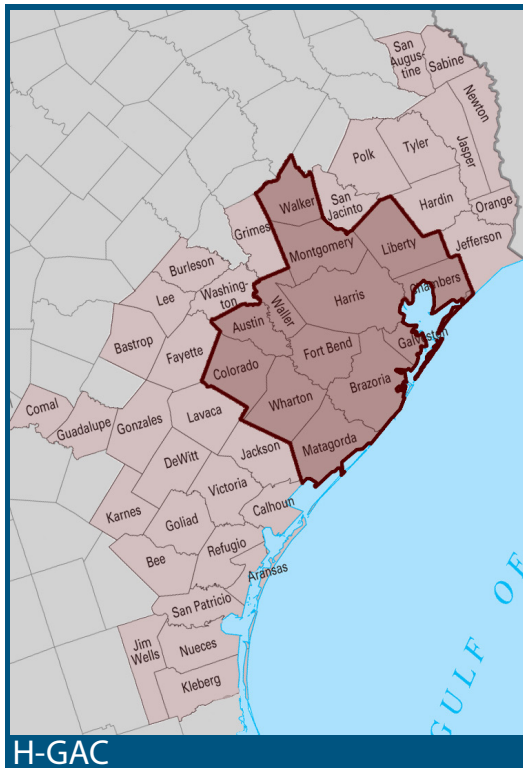
This project will prevent repeated flooding along the Sabine and Neches Rivers in Orange County, protecting Orange County from economic hardship.

#### Benefit

#### Return on Investment

This \$500,000,000 project will prevent repeated flooding and mitigate harm caused by disasters like Hurricane Harvey and future storms.

## City of Pearland



### Clear Creek Flood Damage Reduction Project

Estimated Cost

**\$200,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**22**

#### Description

USACE project, planned but awaiting funding for decades, includes 20.4 miles of channel improvements along Clear Creek, Mud Gully, Turkey Creek and Mary's Creek, 500 acre-feet of in-line storm water detention along Clear Creek, and other improvements.

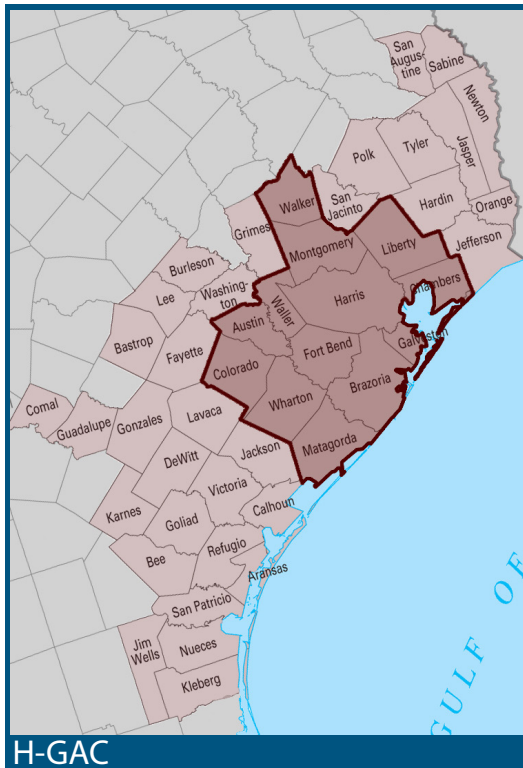
#### Benefit

If implemented, the Clear Creek Flood Damage Reduction Project would have prevented the flooding of several thousand homes in the watershed from Hurricane Harvey and other, much lesser events, making it imperative to make the project a funding priority.

#### Return on Investment

This \$200M investment for local match of a federally-planned project will prevent future flooding of several thousand homes in the watershed, producing a significant reduction in damages for future flood events.

## City of Richwood



H-GAC

### Create a Diversion Channel for Bastrop Bayou in Richwood City

Estimated Cost

**\$30,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

#### Description

Create a diversion channel to limit the amount of Brazos River flood water that enters Bastrop Bayou, which flooded Richwood during Hurricane Harvey.

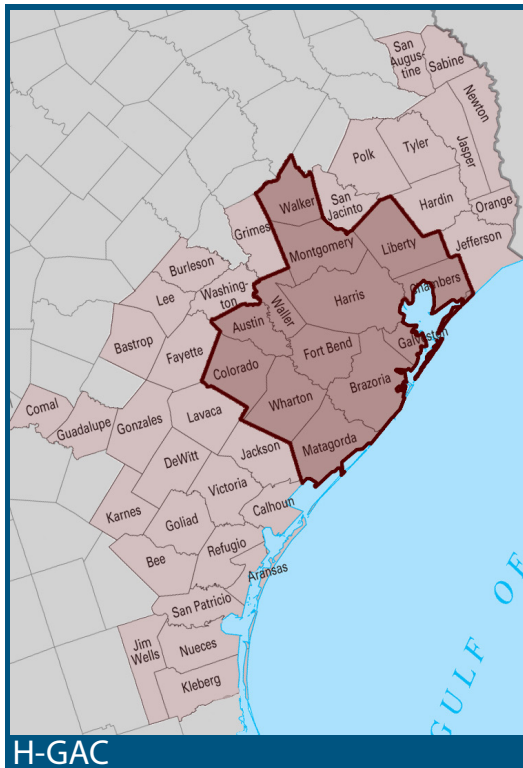
#### Benefit

Reducing the amount of Brazos River flood waters that flow into Bastrop Bayou in the city of Richwood will mitigate potential flood damage to area homes during future storm events.

#### Return on Investment

This \$30,000,000 project will create a diversion channel for the Brazos River flood waters to keep them from flowing into Bastrop Bayou, preventing home flooding during future storms and hurricanes and eliminating rebuilding costs.

## City of Rosenberg



### Improvements to Dry Creek Channel to Re-establish the Floodplain Area and Provide Additional Drainage

Estimated Cost

**\$25,068,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**22**

Make improvements to Dry Creek Channel as a part of the flood control plan in the city of Rosenberg to re-establish the floodplain area and provide additional drainage capacity within the city.

#### Description

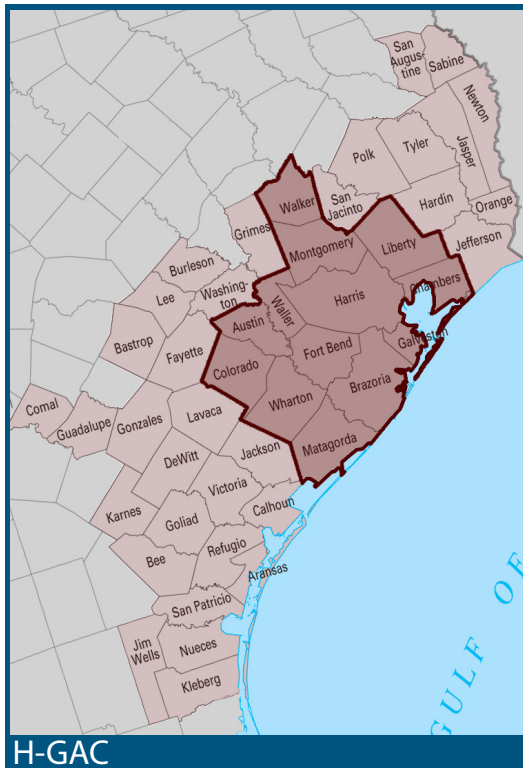
The Dry Creek Channel improvements will re-establish the floodplain area which was damaged from flooding due to Hurricane Harvey and provide additional drainage capacity within the city of Rosenberg.

#### Benefit

#### Return on Investment

This \$25,068,000 project to make the Dry Creek Channel improvements will re-establish the floodplain area that was damaged due to flooding from Hurricane Harvey and provide additional drainage capacity within the city of Rosenberg. This will help to keep homes valued in the \$200,000 - \$300,000 range in nearby neighborhoods from flooding during future storms and hurricanes. This should help to eliminate the costs of rebuilding these homes.

## City of Simonton



### Levee and Pump Flood Protection System Project

Estimated Cost

**\$13,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**22**

#### Description

Construction of a levee and installation of a major pump station, as well as three smaller pump stations, in the City of Simonton. A portion of Valley Lodge (primarily Brazos Valley Section 2 and Section 3) of the City of Simonton has experienced residential structure flooding twice within the last 15 months. The two recent Brazos River floods have caused the flood waters to leave the banks of the river and flow across land to the southeast and through this pre-FIRM residential area.

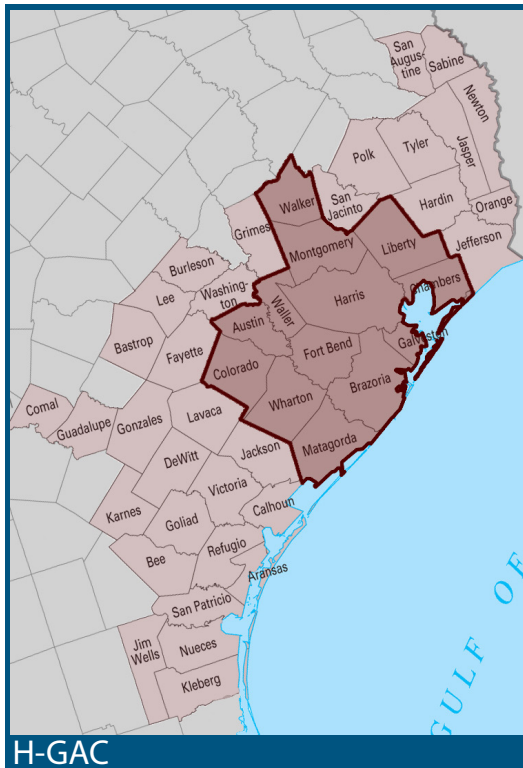
#### Benefit

The construction of a levee around approximately 250 existing homes and businesses and installation of a major pump station on the main outfall channel of the Brazos River and three smaller pump stations on the minor outfall channels will protect this area from future flooding during events in which flood waters would leave the banks of the river.

#### Return on Investment

This \$13 million project will help protect this area from future flooding and the associated costs of rebuilding houses and infrastructure, as well as avoid costly water rescues during future floods.

## City of Wharton



### Wharton Levee Flood Protection System Project

Estimated Cost

**\$77,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Construction of a levee in the City of Wharton.

#### Description

The construction of a levee around the City of Wharton will help protect this area from future flooding events.

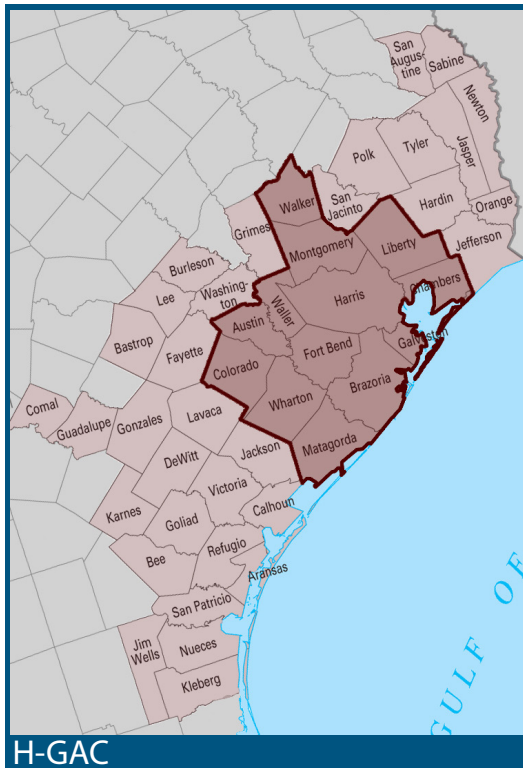
#### Benefit

#### Return on Investment

Hurricane Harvey resulted in recent flooding in the City of Wharton. This \$77 million project will help protect this area from future flooding and the associated costs of rebuilding houses and infrastructure, as well as avoid costly water rescues during future floods. The Colorado River reached approximately 11 feet over its banks during the recent hurricane and an estimated 60% of Wharton residents had floodwaters in their homes or properties.



## Brazoria Engineering



### Brazos and San Bernard Rivers Levee Flood Protection System Project

Estimated Cost

**\$1,000,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14, 22**

Construction of levees along the Brazos and San Bernard Rivers.

#### Description

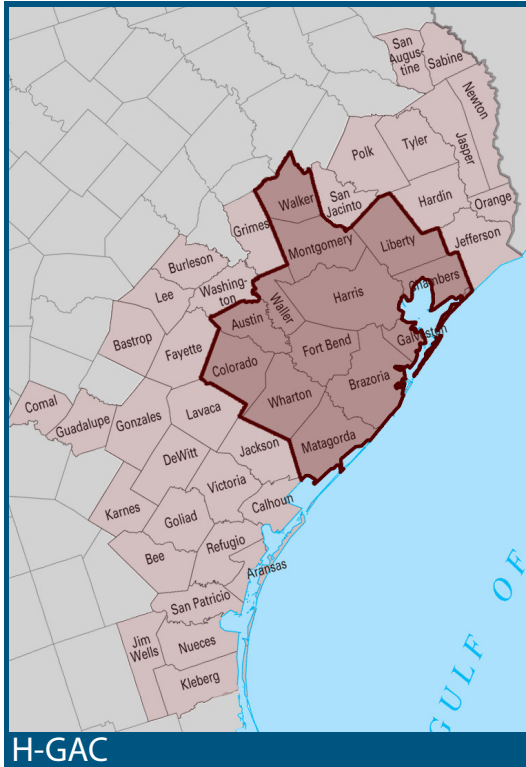
The construction of levees along the Brazos and San Bernard Rivers will help to protect this area from future flooding during events in which flood waters would leave the banks of the rivers.

#### Benefit

#### Return on Investment

Hurricane Harvey resulted in record flooding along the Brazos and San Bernard Rivers. This \$1 billion project will help protect this area from future flooding and the associated costs of rebuilding houses and infrastructure, as well as avoid costly water rescues during future floods. Both the Brazos River and the San Bernard River crested during the flood event, reaching record levels.

## Brazoria County



### Modernization and Extension of the Freeport Hurricane Flood Protection System Project

Estimated Cost

**\$2,571,551,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**14, 22**

#### Description

This \$2.5 billion project will modernize the Freeport Hurricane Flood Protection System by constructing 71 miles of levees and five pump stations with a total capacity of 15,100 CFS. Previous USACE studies indicate this project would protect the lives of approximately 45,000 people, mitigate more than \$6 billion dollars worth of damage to commercial, residential, and public properties, and protect against disruptions to the \$20 billion-dollar, nationally strategically-important petrochemical industry.

#### Benefit

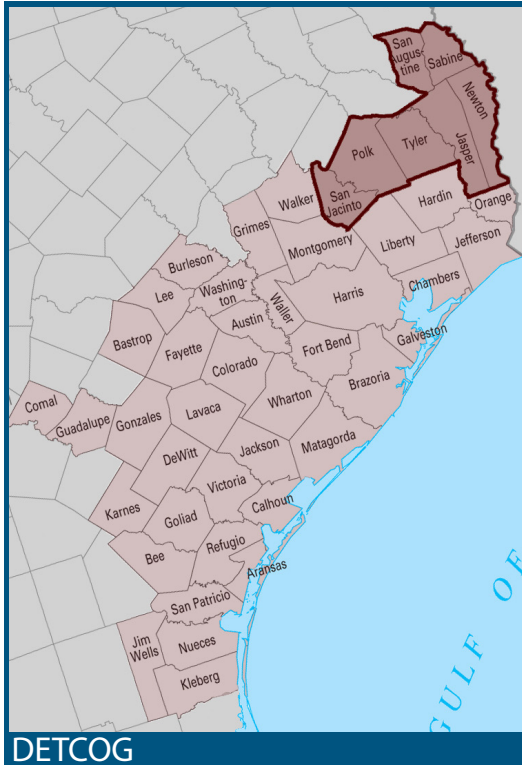
Modernization of the Freeport Hurricane Flood Protection System will extend the system north towards Angleton, Jones Creek Levee, Jones Creek Terminal Ring Levee, and Chocolate Bayou Ring Levee to help protect this area from future flooding from heavy rain events. Updates would provide a region-wide reduction in storm surge damage extending from the coast at Freeport to Angleton and enhance protection from flood damage for the community of Jones Creek and industrial complexes located along Jones Creek and Chocolate Bayou.

#### Return on Investment

The \$2.5 billion project will modernize the Freeport Hurricane Flood Protection System and extend the system to protect the region from future flooding events. The updated system would include 71 miles of levees and five pump stations with a total capacity of 15,100 CFS. Previous Army Corps of Engineers studies indicate that a tidal surge would potentially endanger the lives of approximately 45,000 people, cause \$6 billion dollars worth damage in the Freeport area, and disrupt the \$20 billion-dollar petrochemical industry.



## Newton County



DETCOG

### Big Cow Creek Reservoir (Newton County, Tx)

Estimated Cost

**\$24,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**36**

Construction of a reservoir northwest of the City of Newton north of Highway 190.

#### Description

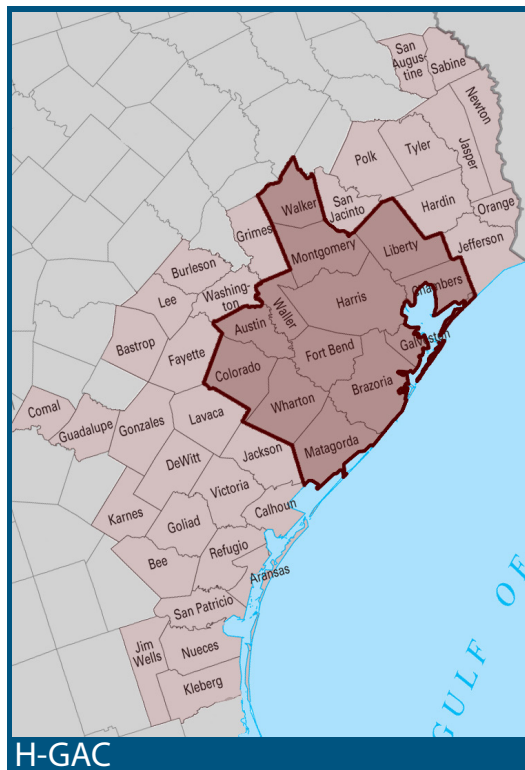
#### Benefit

#### Return on Investment

This project will provide for the construction of a reservoir northwest of the City of Newton. The area is home to approximately 2,500 residents. The reservoir will help to protect this area from future flooding during heavy rain events and keep the events from impacting downstream properties.

Hurricane Harvey resulted in recent flooding in areas around Newton County. This \$24 million project will provide detention flood control for large flooding events. A 4,400 foot dam will have a water surface elevation of 205' msl and the reservoir will have a storage capacity of 34,207 feet. The guide purchase line will be at an elevation of 220' msl and would encompass approximately 6,045 acres. The detention space will help protect this area from future flood events and keep the events from impacting downstream properties.

## Authorized Studies List



### Addicks and Barker Reservoir Dam System Improvement Study

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

#### Description

Study regarding required improvement to the Addicks and Barker Reservoir Dam System.

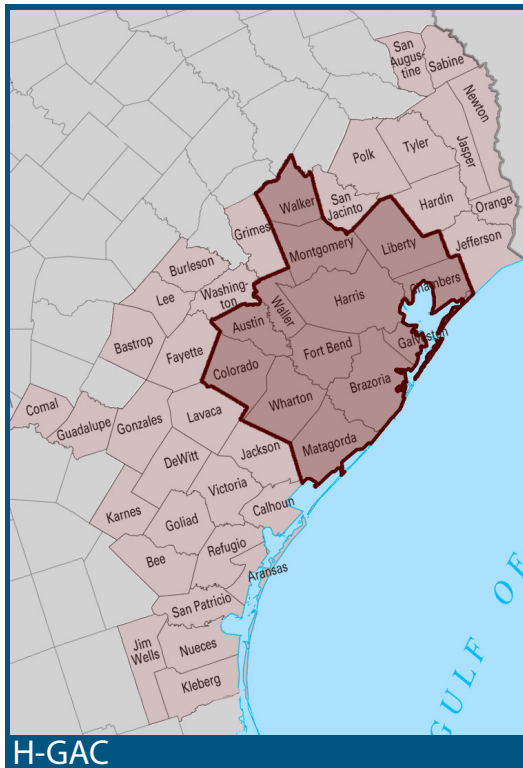
#### Benefit

This study will contribute to improvements to the Addicks and Barker Reservoir Dam System which in turn will provide flood damage reduction along Buffalo Bayou downstream of the reservoirs and through the center of the City of Houston.

#### Return on Investment

This \$3,000,000 study will contribute to flood control improvements to the Addicks and Barker Reservoir Dam System mitigating future flood impacts to Eldridge and Eldridge subdivisions as well as Western and central Houston.

## Authorized Studies List



### Metropolitan Houston Regional Watershed Assessment

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

Study regarding the Metropolitan Houston Regional Watershed.

#### Description

This study will contribute to knowledge regarding the Metropolitan Houston Regional Watershed. This assessment is needed given the frequency and severity of historic-level flood events in recent years in and around the Houston metropolitan area.

#### Benefit

#### Return on Investment

This \$3,000,000 study will identify risk reduction measures and optimize performance from a multi-objective systems performance perspective of the regional network of nested and intermingled watersheds, reservoir dams, flood flow conveyance channels, storm water detention basins, and related Flood Risk Management (FRM) infrastructure.

## Authorized Studies List



### Fort Bend County Regional Watershed Assessment

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**22, 9**

Study regarding the Fort Bend County Regional Watershed

### Description

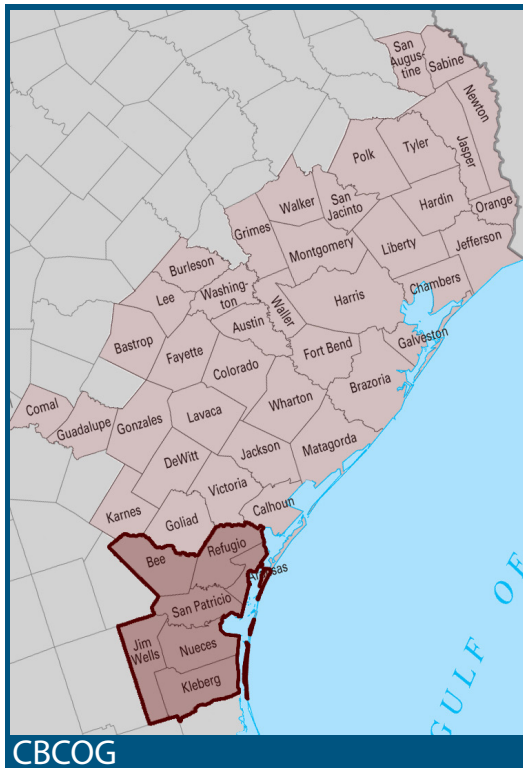
This study will contribute to knowledge regarding the Fort Bend County Watershed. It will facilitate the development of a watershed protection plan for the Fort Bend Watershed and install best management practices for the purpose of reducing erosion within the watershed and increasing its resiliency.

### Benefit

### Return on Investment

Fort Bend County's population grew 26% in the late six years. This dramatic growth put pressure on residential development to expand into areas that affected its floodplain. This \$3,000,000 study will assess the means to make Fort Bend County Watershed more resilient to future flooding and the proper expansion of Fort Bends residential areas so as not to affect its floodplain.

## Authorized Studies List



### La Quinta Channel Extension Study

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**27**

Study regarding the La Quinta Channel Extension

### Description

The La Quinta Channel Extension project will provide deep water access to over 1000 + acres of PCCA property, access to 3800 linear foot multi-purpose ship dock -supported by rail, highway, & barges, and future access to Intermodal terminals.

### Benefit

### Return on Investment

This investment will expand the quantity and types of barges able to move in and out of the port and thus grow port operations which in turn will greatly benefit the flow of commerce. The La Quinta Channel Extension project will provide deep water access to over 1000 + acres of PCCA property, access to 3800 linear foot multi-purpose ship dock -supported by rail, highway, & barges, and future access to Intermodal terminals.

## Authorized Studies List



### Gulf Intercoastal Waterway Project

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**27, 14**

Coastal resilience study for the Gulf Intercoastal Waterway.

### Description

This study will identify the critical infrastructure assets within the coastal county project study area that are most vulnerable to future storm impacts similar to those experienced during Hurricane Harvey. This project will identify recommended new projects to mitigate potential damage to vulnerable infrastructure.

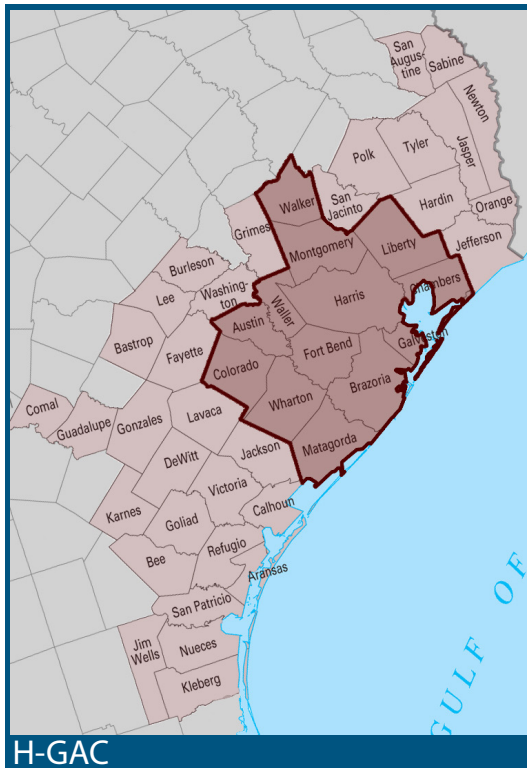
### Benefit

### Return on Investment

This \$3m investment will aide community leaders in the prioritization of critical infrastructure assets that are most vulnerable to future storm impacts and provide recommended projects to mitigate potential damage.



## Authorized Construction Pursuing Appropriation List



### White Oak Bayou Flood Risk Management Project

Estimated Cost

**\$131,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**18, 2**

Risk management project related to White Oak Bayou.

#### Description

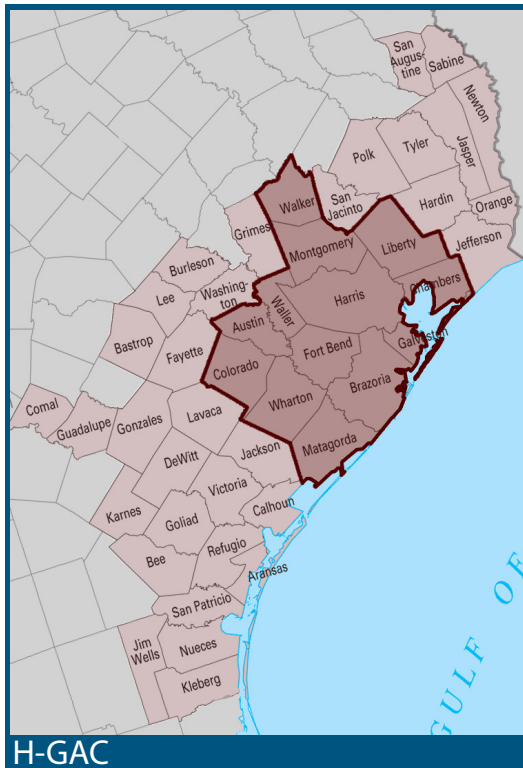
#### Benefit

#### Return on Investment

The benefit of this project is to review measures that will restore the channel's stability and to improve its ability to convey stormwater. The White Oak Bayou watershed stretches from central to northwest Harris County and includes the City of Jersey Village and portions of the City of Houston. Rainfall within the 111 square miles of the White Oak Bayou watershed flows southeast from its headwaters northwest of FM 1960 to its confluence with Buffalo Bayou in downtown Houston.

This \$131,000,000 study will contribute to the future stability of the White Oak Bayou and its ability to convey stormwater thus mitigating future flood impacts to Northwestern and Central Houston.

## Authorized Construction Pursuing Appropriation List



### Hunting Bayou Flood Risk Management Project

Estimated Cost

**\$171,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**29, 18**

Risk management project related to Hunting Bayou.

#### Description

#### Benefit

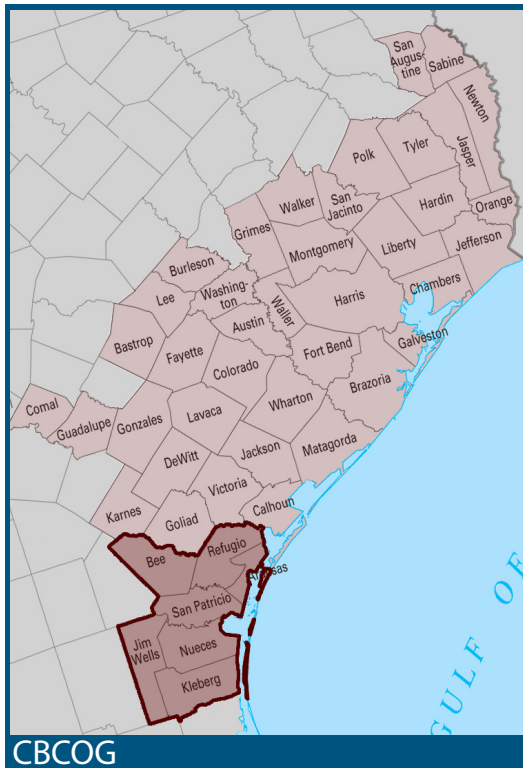
#### Return on Investment

The Hunting Bayou watershed is approximately 30 square miles in size and is approximately 5 miles northeast of downtown Houston in Harris County, Texas. Hunting Bayou flows approximately 15 miles southeasterly. The area is noted for its flat topography and slow drainage, especially in the watershed's upper reaches. This project will take all of this information into account to create a risk management plan.

The Hunting Bayou watershed evolved into a low-income area dominated by populations having limited economic resources to appropriately respond to and recover from the consequences of flooding events. The population demographics changed as low income populations inhabited lower cost housing which now exists in the watershed. This \$171,000,000 study will develop a risk management plan that addresses the needs of the surrounding population and make the area more resilient to future flooding.



## Authorized Construction Pursuing Appropriation List



### Corpus Christi Ship Channel Project

Estimated Cost

**\$355,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**27**

Improvement project regarding Corpus Christi Ship Channel.

#### Description

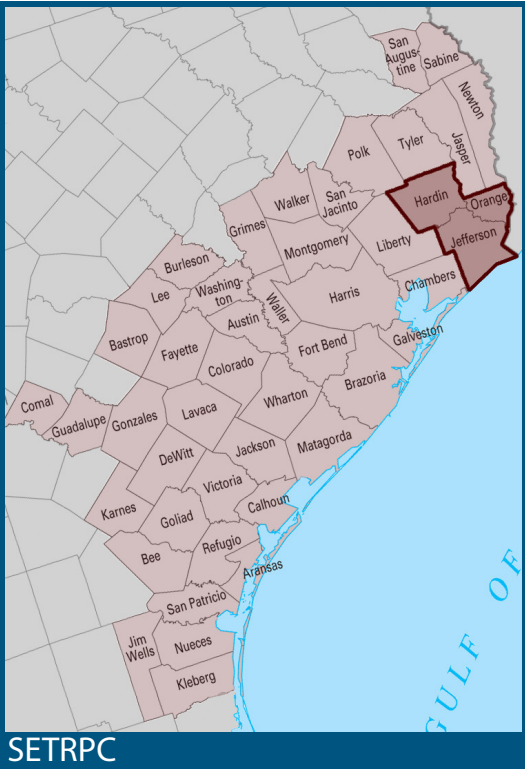
#### Benefit

#### Return on Investment

Port Corpus Christi is the number one exporter of crude oil in the nation. With the increased depth of the Corpus Christi Ship Channel larger vessels will be able to transport crude oil and natural gas products more efficiently, and at competitive rates and achieve energy dominance for our Nation.

Port Corpus Christi and its ship channel, is a strategic military seaport used by DOD for critical military deployments. The ship channel was used by the Surface Deployment & Distribution Command to move military equipment. 5 additional military redeployments are scheduled for Nov & Dec 2017. Widening & deepening the ship channel will increase safety & reduce costly economic impacts & delays to our port industries & military associated with shutting down the ship channel during a hurricane.

## Authorized Construction Pursuing Appropriation List



### Sabine Neches Waterway Channel Improvement Project

Estimated Cost

**\$1,300,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**14, 36**

Channel improvement project regarding Sabine Neches Waterway.

#### Description

#### Benefit

#### Return on Investment

The Sabine Neches Channel Improvement Project is a large-scale transportation infrastructure project that would deepen the Sabine-Neches Waterway from 40 feet to 48 feet. Deepening the channel would allow larger ships to reach local ports, keeping southeast Texas competitive with other U.S. ports.

This \$1,300,000,000 large-scale transportation infrastructure investment will stimulate economic development and support future investment in Southeast Texas through increased job growth and economic expansion.

## Authorized Construction Pursuing Appropriation List



### Brazos Island Harbor Channel Improvement Project

Estimated Cost

**\$231,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**34**

Improvement project for Brazos Island Harbor Channel.

#### Description

#### Benefit

#### Return on Investment

The Brazos Island Harbor channel improvement project is critical in connecting the Gulf with the inland portion of the Brownsville Ship Channel (BSC). The Port of Brownsville is the only deep-draft port available to industry along the U.S.–Mexico border. Recent increases in traffic are a direct result of NAFTA in that a majority of the increased commodity traffic meets industrial needs in Mexico.

The \$231M investment in the Brazos Island Harbor channel improvement project will increase navigational efficiency of deep-draft vessels using the channel and increase the ability of the channel to accommodate offshore rigs for maintenance and repair. Deepening the channel would also allow larger ships to reach local ports, keeping southeast Texas competitive. The project would stimulate economic development and maintain a high quality of life for citizens of Southeast Texas.

## Authorized Construction Pursuing Appropriation List



H-GAC

### Freeport Harbor Channel Improvement Project

Estimated Cost

**\$369,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**14**

#### Description

Freeport Harbor Channel will determine the feasibility of providing navigational improvements to the Freeport Harbor Channel and maintain, protect and/or restore the quality of terrestrial, cultural, coastal natural resources.

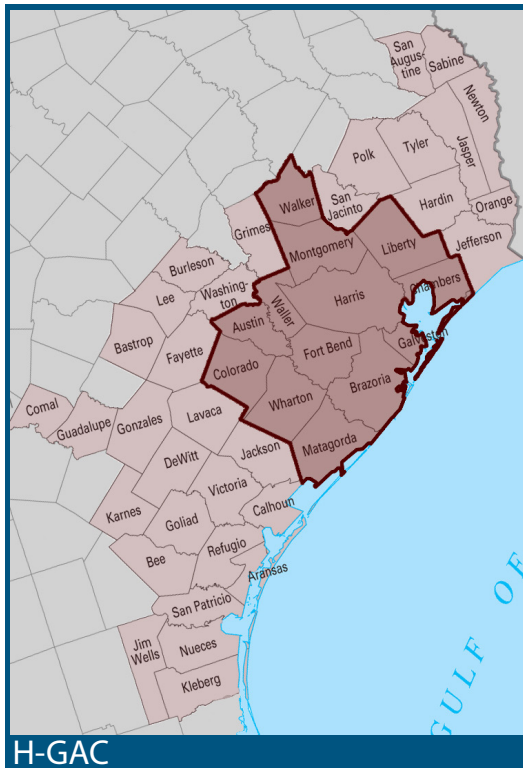
#### Benefit

The Freeport Harbor Channel Environmental Project will work to reduce Gulf shoreline erosion and contaminated sediments, and improve air quality. It will also work to increase transportation efficiency. Finally, it will explore the opportunity to serve new Panama Canal fleet.

#### Return on Investment

This \$369,000,000 project will contribute to improvements on Freeport Harbor Channel. It provides access to one of the largest petrochemical and plastics production complexes in the world. Further, it is the nation's 27th largest waterway in total tonnage and the 16th largest port in foreign imports and exports. Finally, it supports the nation's strategic oil reserves

## Completed Studies in Consideration for Auth List



### Sabine Pass to Galveston Bay Coastal Storm Risk Management Study

Estimated Cost

**\$3,200,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**14**

Risk management study regarding Sabine Pass to Galveston Bay.

#### Description

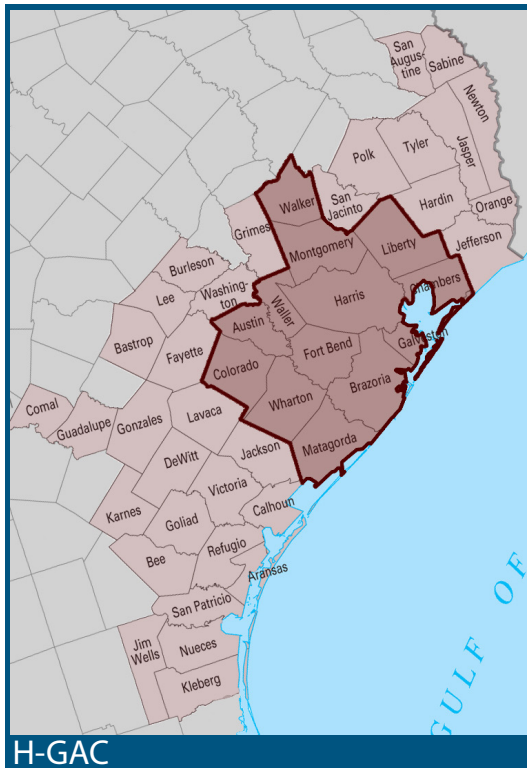
#### Benefit

The Sabine Pass to Galveston Bay Coastal Storm Risk Management Study will lead to the reduction of economic damages to business, residents, and infrastructure for the Sabine and Brazoria region, reduce risk to human life from storm surge impacts, maintain and/or restore coastal habitat that contributes to storm surge attenuation, and enhance energy security and reduce economic impacts of petrochemical supply-related interruption for this region.

#### Return on Investment

This \$3.2 Billion investment will decrease the potential for economic damages in the study region as well as alleviate life-safety, damages to critical infrastructure, sea level changes, and impacts on significant environmental resources. Opportunities to provide life-safety benefits, and other non-traditional secondary or ancillary economic benefits will be identified.

## Completed Studies in Consideration for Auth List



### Galveston Channel Harbor Extension Study

Estimated Cost

**\$14,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**14**

#### Description

The Galveston Channel Harbor Extension Study will provide recommendations on the advisability of modifying the structures or their operation, and for improving the quality of the environment in the overall public interest. This study will determine the feasibility of extending the 46 feet deep Galveston Harbor Channel the remaining 2,571 feet to reach the west end of the limits of the authorized and currently maintained 41-foot channel.

#### Benefit

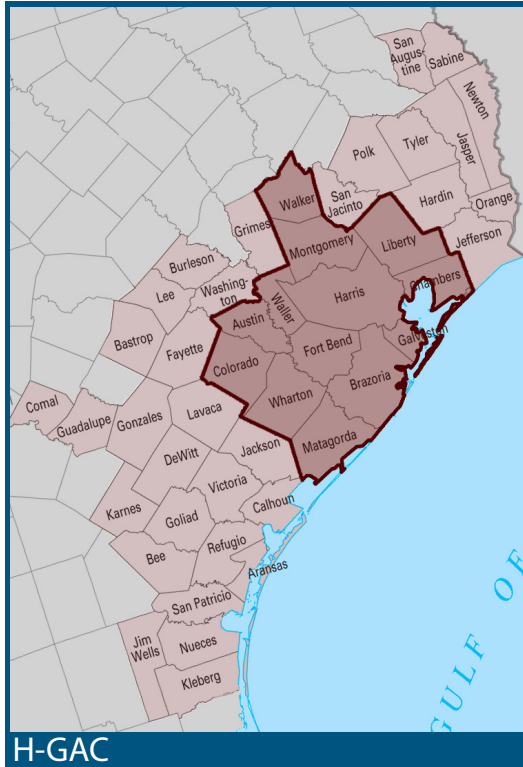
The goal of this study is to reduce transportation costs for vessels transiting the Galveston Harbor Channel. Deepening the remainder of the channel will allow the facilities at the end of the channel to transport larger volumes of goods with each movement via more fully loaded vessels or deeper draft vessels. This improves productivity by moving cargo more efficiently with less energy expended.

#### Return on Investment

The economy of the U.S. has become more dependent on waterborne transportation for a wide range of goods and raw material. The proposed 41-foot channel serves piers which have historically handled general cargo. While container vessels have not been light-loaded, deep-draft vessels carrying bulk dry commodities that are transiting the 41-foot portion of the GHC must arrive and depart light-loaded. This \$14,000,000 study will increase the capacity of the GHC to accommodate larger payloads.



## Port of Houston



### Houston Ship Channel Restoration Project

Estimated Cost

**\$457,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**Not Identified**

Congressional District(s)

**36**

#### Description

Restore the Houston Ship Channel to authorized channel dimensions by dredging out severe shoaling, removing debris deposited in the channel by Hurricane Harvey flood waters, and restoring and providing adequate disposal placement area capacity.

#### Benefit

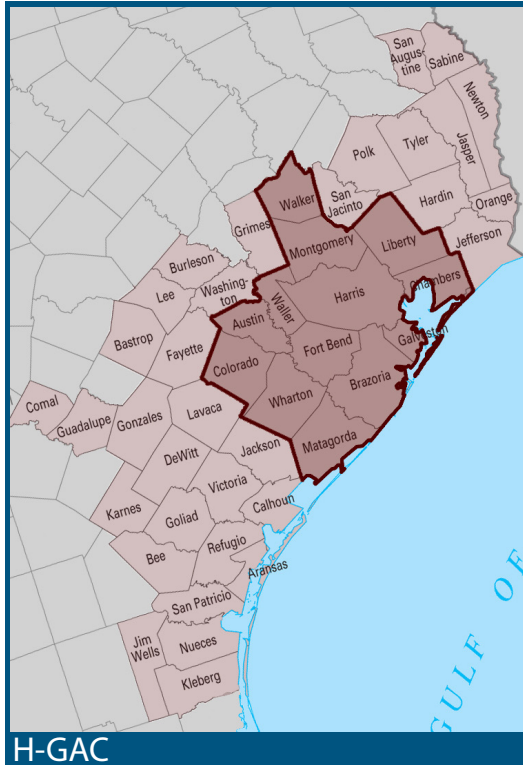
This project would address the immediate damages to these facilities caused by Hurricane Harvey, returning the ship channel to authorized depths which are now reduced by silt as great as 10' deep in some areas. This project would allow the lifting of the current 4.5' - 5' draft restrictions in place for the Houston Ship Channel

#### Return on Investment

This \$457 M project would allow unrestricted use of the Houston Ship Channel and the more than 150 facilities along it that provide 30% of the nation's gasoline, generate \$617 B in economic activity, sustain nearly 3 million jobs, and provides \$35 B in tax revenues each year.



## Port of Houston



### Houston Ship Channel Hardening and Resiliency Project

Estimated Cost

**\$466,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**Not Identified**

Congressional District(s)

**36**

#### Description

Create resiliency in and hardening of the Houston Ship Channel by providing additional placement areas, channel shoring, channel modifications, and reef restoration and protection systems.

#### Benefit

This project would reduce silting, channel erosion and reef loss reducing the impacts of future storm events and protecting this nationally significant port.

#### Return on Investment

This \$466 M project would protect the nationally critical Houston Ship Channel and the more than 150 facilities along it which provide 30% of the nation's gasoline, 60% of the nation's aviation fuel, generate \$617 B in economic activity, sustain nearly 3 million jobs, and provides \$35 B in tax revenues each year.

## Rebuild Texas



### Coast-wide Critical Infrastructure Protection

Estimated Cost

**\$2,000,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**FEMA-DRF, CDBG-DR**

Congressional District(s)

**All**

Construct flood control and other mitigation projects to protect critical public infrastructure such as power plants, communication networks, prison systems, etc. from damage by future storms.

#### Description

#### Benefit

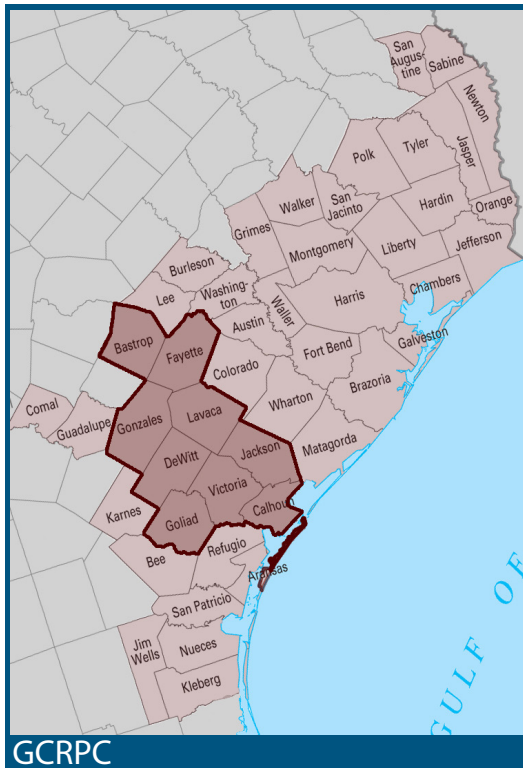
Critical infrastructure damaged during storm events create high risks for communities to be vulnerable to power loss, communication failures and other serious risks. Constructing flood protection and other hardening/resiliency systems would mitigate these risks

#### Return on Investment

This \$2 B investment will mitigate damages from future storms to critical infrastructure, significantly reducing the risk of future public safety and security threats. Resilient and reliable power, communications and security systems are essential to enabling Texas communities to quickly and cost-effectively recover from future catastrophic storms and will greatly reduce the future expenditure of federal, state and local taxpayer resources.

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## Fayette County



GCRPC

### Residential Property Buyout

Estimated Cost

**\$1,500,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**10**

### Description

This project involves a \$1.5 Million buyout of 10 homes along the Colorado River, Cummings and Buckner's Creek with greater than 50% damage during Hurricane Harvey. These homes were also flooded during three previously declared disasters: DR 4223, 4269, 4272.

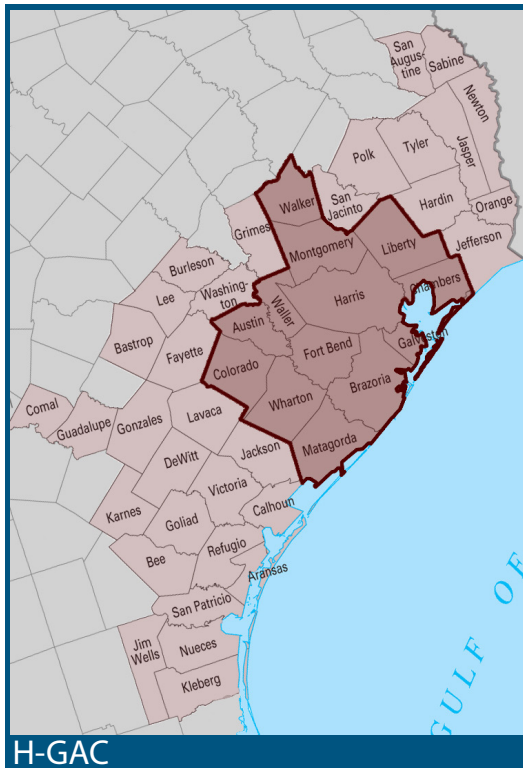
### Benefit

This buyout will remove 10 homes that were substantially damaged during Hurricane Harvey and other previous flood events, including DR 4223, 4269, 427. Fayette County has been a federally declared disaster four times in the past two years. Removing these homes will prevent subsequent damage in these frequently flooded areas.

### Return on Investment

The \$1.5M will buyout 10 substantially damaged homes along the Colorado River, Cummings and Buckner's Creek, reducing future losses.

## Fort Bend County



### Flat Bank Creek Diversion Channel Project

Estimated Cost

**\$25,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**22, 9**

#### Description

This project improves the Flat Bank Creek Diversion Channel to increase water flow capacity of the Oyster Creek watershed, which has a history of flooding. Rainfall totals and stream elevations reached 100-year levels in parts of the watershed, resulting in flooding that damaged properties in Sugar Land, Missouri City, Riverstone and other areas and reduced evacuation and first responder routes.

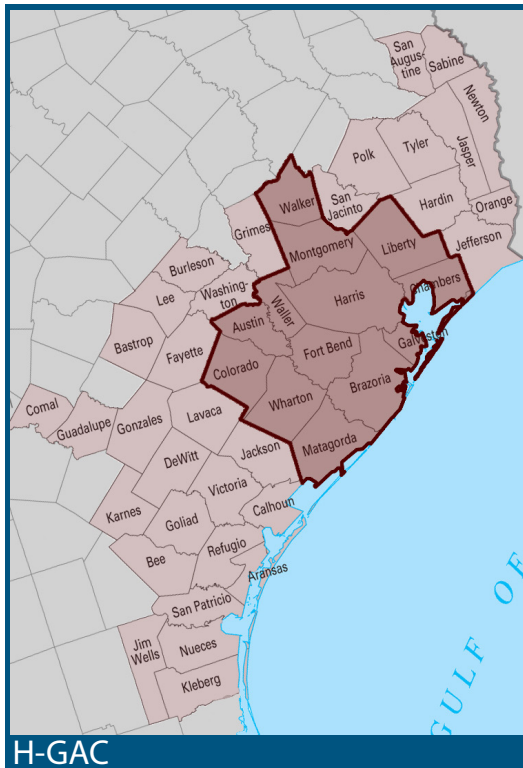
#### Benefit

Improving the Flat Bank Creek diversion channel, which diverts the Oyster Creek flow, will prevent water from backing up into Flat Bank Creek. This will reduce flood impacts to Sugarland, Missouri City, Riverstone, and surrounding areas, resulting in less damage to homes and infrastructure, and will allow for better traffic flow for evacuations and first responders.

#### Return on Investment

The \$25 million Flat Bank Creek division channel project will reduce flooding in the watershed area, result in less damage to homes and infrastructure, and provide better traffic flow for evacuations and first responders.

## City of Friendswood



### Buyout and Mitigation Program

Estimated Cost

**\$4,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**14, 22**

### Description

This project initiates a buyout of 200 properties that were flooded during Hurricane Harvey, preventing future property loss and repair costs.

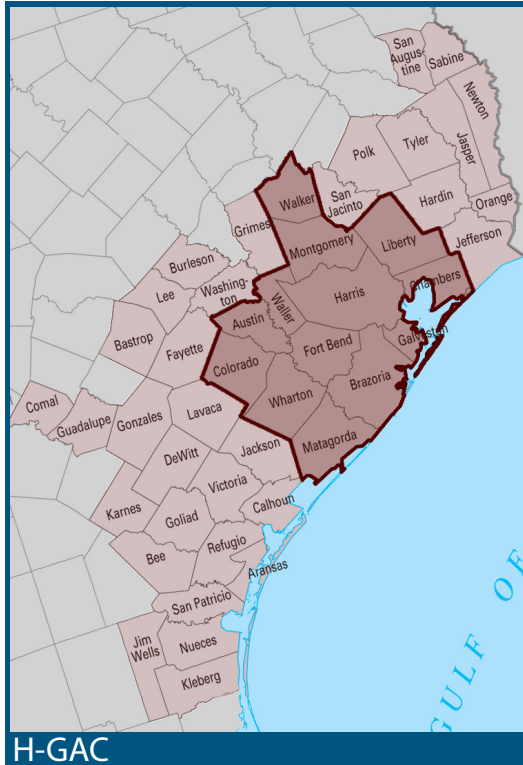
### Benefit

This project will remove 200 properties from the floodplain that have been flooded. This will prevent future property loss and repetitive repair costs.

### Return on Investment

The \$4M project buys out homes and removes 200 units from a floodplain.

## Galveston County



### Residential Property Buyout

Estimated Cost

**\$5,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**14**

### Description

This project buys out homes that were substantially damaged during Hurricane Harvey.

### Benefit

These buyouts will remove homes that were substantially damaged during Hurricane Harvey and other previous flood events, reducing the future property losses.

### Return on Investment

The project invests \$5M to buyout homes and remove them from the floodplain, reducing the potential for future property losses.



## Gulf Coast Water Authority



### Gulf Coast Water Authority Canal Improvements

Estimated Cost

**\$250,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**14**

Install 30,000 to 40,000 acre-feet of additional reservoir capacity for Canal B.

#### Description

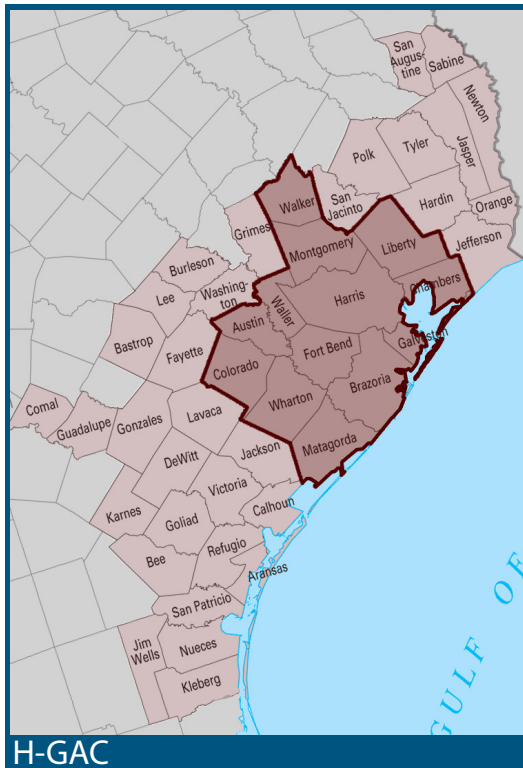
This project will allow the Gulf Coast Water Authority to respond properly to severe supply interruptions by increasing the reservoir's capacity.

#### Benefit

#### Return on Investment

Due to Hurricane Harvey and other recent major rainfall events, there is an increased need for capacity in the reservoir. This \$250M project will provide the additional capacity needed to protect against future flooding and eliminate costs of repairing damages which includes more than 185,000 customers in Galveston County alone.

## Gulf Coast Water Authority



### Gulf Coast Water Authority Canal Improvements

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**14**

#### Description

Install a system of concrete spillways with Supervisory Control and Data Acquisition (SCADA) controlled gates and canal level monitors to provide real time management of water flows.

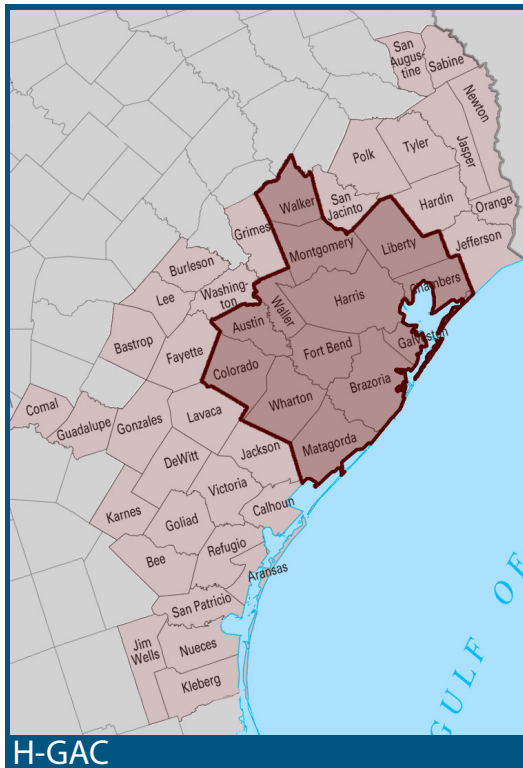
#### Benefit

This project will prevent uncontrolled floodwaters to overtop system canals flooding streets and neighborhoods.

#### Return on Investment

Due to Hurricane Harvey and other recent major rainfall events, there is an increased need for improvements of the canal's automation system. This \$20M project will provide the additional improvements needed to prevent unnecessary flooding of streets and neighborhoods and eliminate costs of repairing damages which includes more than 185,000 customers in Galveston County alone.

## Harris County Community Services



### Homeowner Buyout and Relocation

#### Estimated Cost

**\$309,000,000**

#### Proposed Funding Source

**Community Development Block Grant**

#### Other Possible Funding Sources

**FEMA-DRF, SBA**

#### Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

This funding will help to acquire 1,500 owner-occupied properties that have repetitively flooded, including during Hurricane Harvey, and relocate homeowners out of the floodplain to reduce future losses.

#### Description

This project relocates homeowners out of the floodplain to reduce future losses.

#### Benefit

#### Return on Investment

This \$309M project will relocate 1,500 owner-occupied units that have repetitively flooded, decreasing future property loss.

## Harris County Community Services



### Rental Buyout

Estimated Cost

**\$244,625,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

### Description

This project acquires approximately 11 rental properties comprising 2,500 rental units that are located near or in 100/500 year floodplains or floodways that have flooded repetitively to reduce future losses.

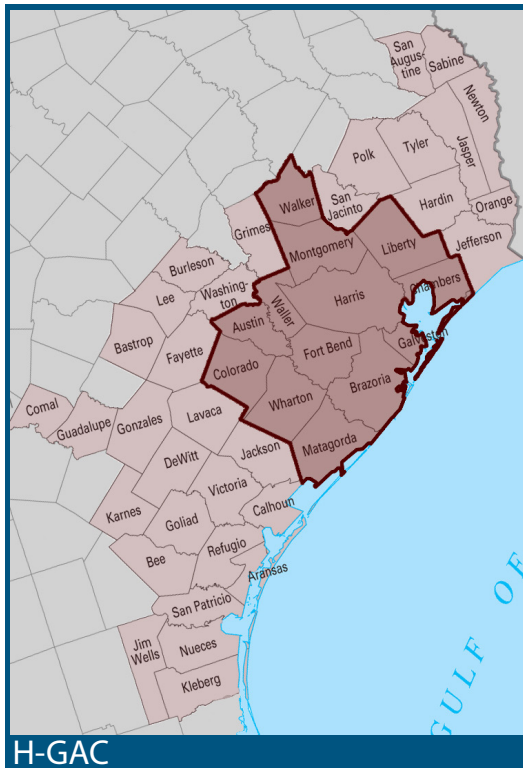
### Benefit

Acquire rental properties that are located near or in 100/500 floodplains or floodways will help to reduce future losses among often-low-income, socially-vulnerable populations renting.

### Return on Investment

This \$244.6 million buyout of 2,500 rental properties located near repeatedly flooded floodplains will reduce future property damage and losses among socially vulnerable populations.

## Harris County Community Services



### Homeownership

#### Estimated Cost

**\$154,500,000**

#### Proposed Funding Source

**Community Development Block Grant**

#### Other Possible Funding Sources

**FEMA-DRF, SBA**

#### Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

This funding will help assist 6,000 homeowners to purchase a home outside the flood hazard area.

### Description

Encouraging 6,000 homeowners to purchase a home outside the flood hazard area will help prevent future property damage and reduce future losses.

### Benefit

### Return on Investment

This \$154.5M project will assist 6,000 homeowners to purchase a home outside the floodplain.

## Harris County Engineering



### Residential Property Buyout

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

### Description

This project undertakes 225 residential buyouts that meet the criteria of being substantially damaged, within Harris County Flood Control District buyout areas of interests, have a national flood insurance policy, and are fully cut off from reasonable property access.

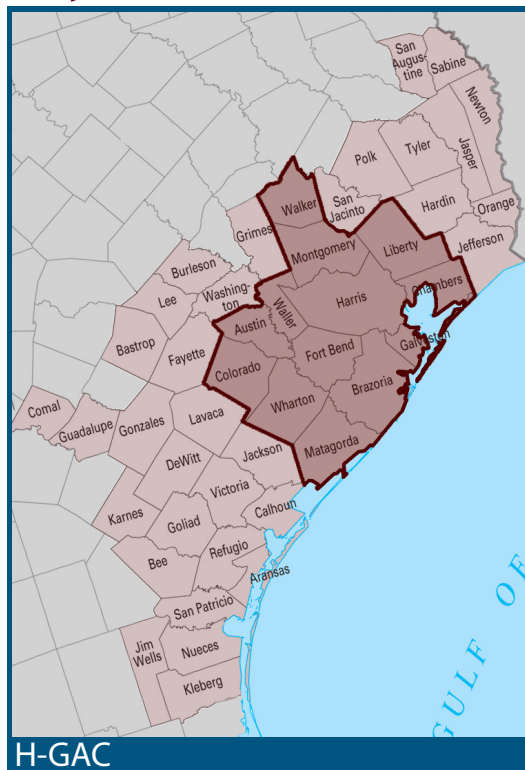
### Benefit

These buyouts will remove 225 homes that were substantially damaged during Hurricane Harvey and other previous flood events and will help reduce future losses. These buyouts prevent the unnecessary double use of federal funds and saves long-term federal, state, and local funds.

### Return on Investment

This \$20 million project to buyout 225 residential properties that have a National Flood Insurance Policy will reduce future property damage and ultimately save public funds.

## City of Houston



### City of Houston Housing Assistance

Estimated Cost

**\$9,000,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**18, 2, 9, 29, 7, 36, 22**

Assist in the short and long term recovery of single family and multi-family housing stock damaged by Hurricane Harvey.

### Description

### Benefit

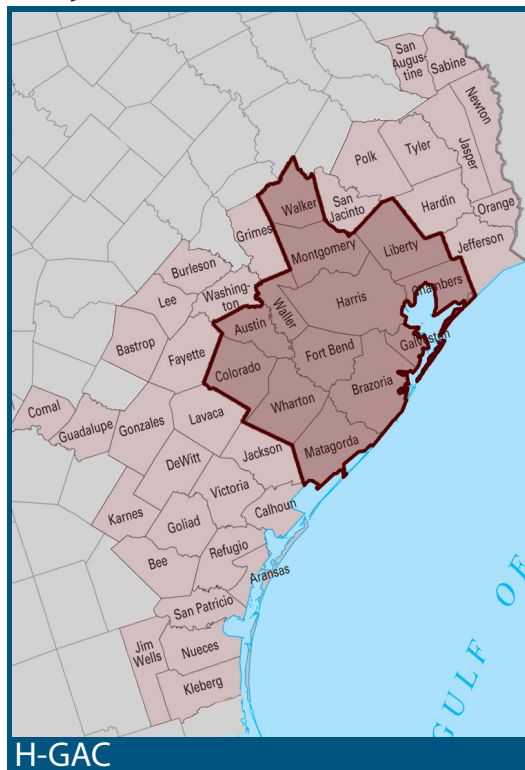
This housing assistance project will help aid in the recovery of 85,000 single and multi-family housing units damaged by Hurricane Harvey. This may include repair/rehabilitation, down payment assistance, single family/multi-family rental, mortgage assistance, and temporary rental assistance.

### Return on Investment

This \$9 billion project will assist 85,000 single and multi-family homes damaged by Hurricane Harvey.



## City of Houston



### Residential Hazard Mitigation in the Flood Zone

Estimated Cost

**\$4,500,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**18, 2, 9, 29, 7, 36, 22**

### Description

This project will help acquire/demolish, relocate, elevate homes, and mitigate reconstruction for 15,000 homes. This project executes multiple programs for residential hazard mitigation strategies within the Special Flood Hazard Area to prevent future property loss such as those sustained during Hurricane Harvey.

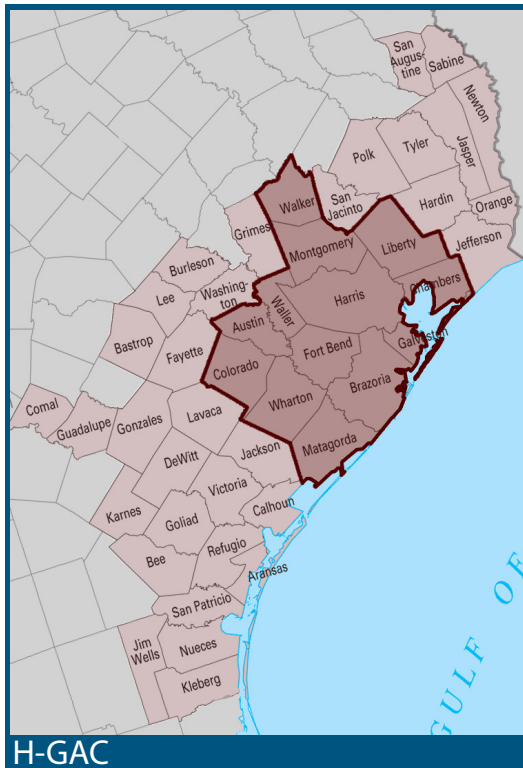
### Benefit

This project encourages appropriate home construction and/or relocation within the Special Flood Hazard Area (SFHA) to reduce future property damage and losses.

### Return on Investment

This \$4.5 billion project will mitigate strategies within the special flood hazard area for 15,000 homes, preventing future property damage.

## Liberty County



### Residential Property Buyout

Estimated Cost

**\$15,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**36**

Buyout repetitive loss structures throughout the county, primarily along the Trinity River and the City of Liberty.

### Description

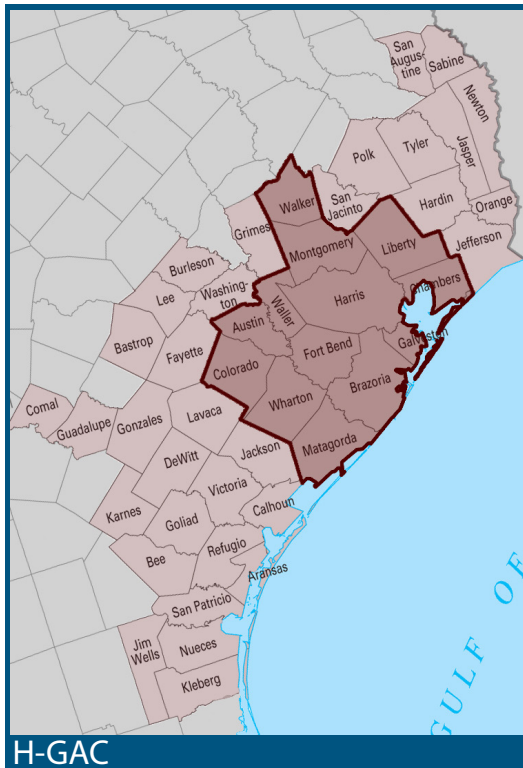
### Benefit

These buyouts will remove 50-150 homes that were substantially damaged during Hurricane Harvey and other previous flood events. The purpose is to give homeowners the ability to sell property that was flooded and they are unable to afford rebuilding. In addition, this space could potentially be used for green space to prevent further property loss in the future flooding events.

### Return on Investment

\$15M to buyout 50 - 150 homes that have had repetitive loss in structures throughout the county, primarily along the Trinity River.

## City of Manvel



### Residential Property Buyout

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**22**

This project initiates a county buyout of houses on Reed Lane in the City of Manvel that were flooded by Hurricane Harvey as a result of being in a floodplain.

### Description

### Benefit

These buyouts would provide funds for the county to buyout property from homeowners in floodplain areas who want to sell. The purpose is to give homeowners the ability to sell property that was flooded and they are unable to afford rebuilding. In addition, this space can be used as green space and flood control area in the future.

### Return on Investment

This \$3M to buyout and remove 15 houses on Reed Lane that are in the floodplain, eliminating repetitive losses in future flooding events.

## Matagorda County



### Matagorda County Facilities

Estimated Cost

**\$220,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**Not Identified**

Congressional District(s)

**27**

Matagorda County has requested funds to repair/replace all county facilities and equipment damaged by flooding during Hurricane Harvey.

### Description

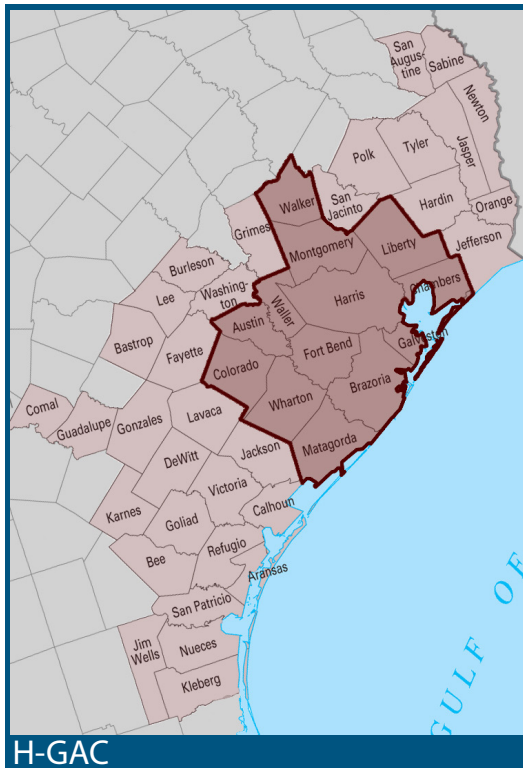
These repairs and improvements will allow Matagorda County officials to resume normal services to its citizens and begin rebuilding infrastructure lost as a result of the storm.

### Benefit

### Return on Investment

This investment of \$220,000 will not only help to restore essential services to the citizens of Matagorda County but will also help to update and modernize county equipment to meet the growing need of the local community.

## Montgomery County



### Residential Property Buyout

Estimated Cost

**\$70,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**8**

Buyout homes in neighborhoods that were substantially damaged during Hurricane Harvey and have had numerous flooding impacts in the last 3 decades.

### Description

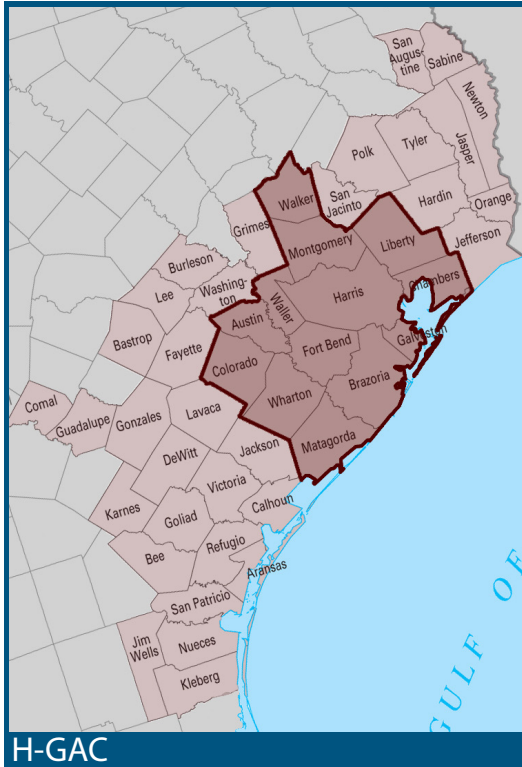
These buyouts will remove 300 homes in various neighborhoods, including Woodloch, Kingwood, and other areas that were impacted by flooding during Hurricane Harvey as well as earlier flooding events.

### Benefit

### Return on Investment

\$70M to buyout and remove 300 properties that are in the floodplain, eliminating evacuations and future repair costs.

## City of Richwood



### Dredge and Clean Bastrop Bayou in Richwood City

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**14**

#### Description

Dredging and cleaning Bastrop Bayou in the City of Richwood to remove the large amount of trees and other debris, which has slowed the flows and partially dammed the bayou.

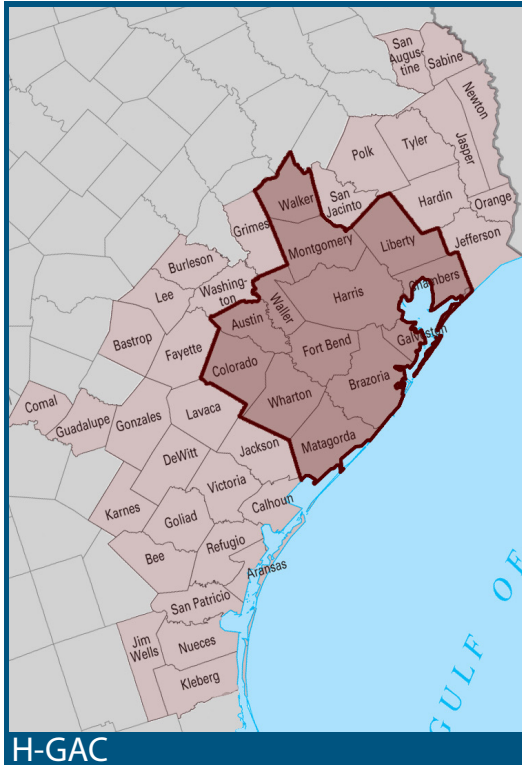
#### Benefit

This project will increase drainage capacity of Bastrop Bayou in the City of Richwood by dredging it and cleaning it out.

#### Return on Investment

The \$20M investment will increase capacity of the bayou and reduce potential flooding to area homes and businesses.

## City of Rosenberg



### Residential Property Buyout

Estimated Cost

**\$2,250,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, SBA**

Congressional District(s)

**22**

Buyout homes that were substantially damaged during Hurricane Harvey.

#### Description

These buyouts will remove 30 homes from the floodplain that were impacted by flooding during Hurricane Harvey.

#### Benefit

#### Return on Investment

\$2.25M to buyout 30 residential properties from the floodplain.



## City of Sugar Land



### Oyster Creek Flood Control Bypass Project

Estimated Cost

**\$15,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**22**

Design and construct a flood control bypass spillway on Oyster Creek.

#### Description

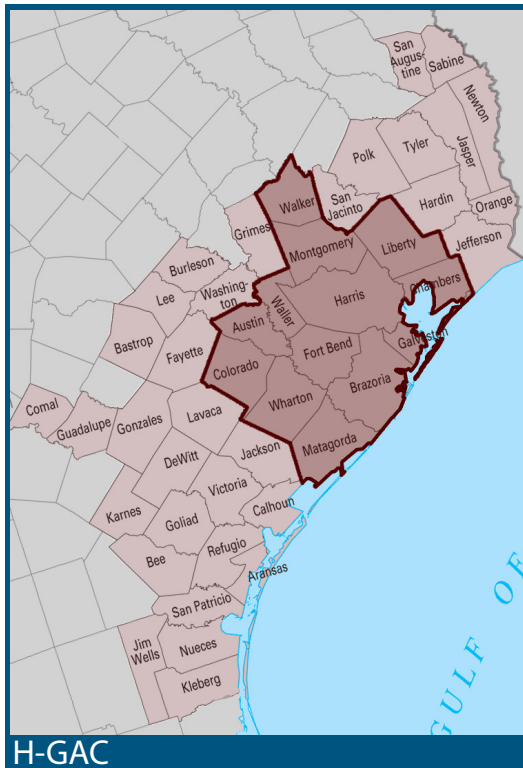
This flood control bypass spillway on Oyster Creek with a receiving channel and a detention facility upstream of Bullhead Bayou will help to control overflow and reduce flooding impact to roughly 500 acres.

#### Benefit

#### Return on Investment

Hurricane Harvey resulted in recent flooding in the Oyster Creek area, which includes the Sugar Land Regional Airport, US 90A, the Central Unit Business Park, and commercial properties in the Crossing at Telfair Development. This \$15 million project will provide detention and flood control for large flooding events within the Oyster Creek watershed and keep the events from impacting downstream properties.

## City of Sugar Land



### Fort Bend County LID #2 Flood Mitigation Project

Estimated Cost

**\$12,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**22**

Design and construct regional detention area within Levee Improvement District #2.

### Description

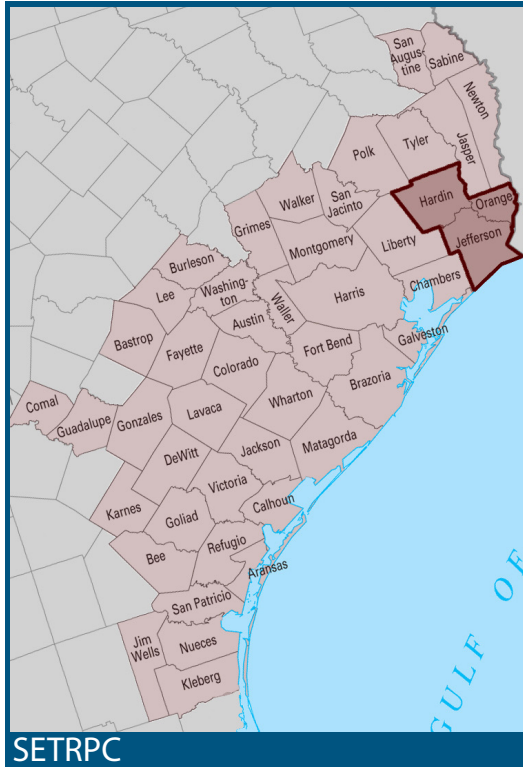
This regional detention area within Levee Improvement District #2 (Chimneystone and Settlers Park) will help improve conveyance of flood waters and create storage areas during heavy rain and high river events to roughly 1,550 homes.

### Benefit

### Return on Investment

Hurricane Harvey resulted in recent flooding in the Chimneystone and Settlers Park area, which includes the Sugar Land Regional Airport, US 90A, the Central Unit Business Park, and commercial properties in the Crossing at Telfair Development. This \$12 million project will provide detention and flood control for large flooding events within the area and keep the events from impacting downstream properties.

## City of Port Neches



### Neches River Bulkhead Construction Project

Estimated Cost

**\$5,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**14**

Construction of a bulkhead abutting the Neches River in the City of Port Neches.

#### Description

The construction of a bulkhead along city owned property along the Neches River will mitigate erosion during flood and storm events.

#### Benefit

#### Return on Investment

Hurricane Harvey resulted in recent flooding along the Neches River in the City of Port Neches. This \$5 million project will help protect this area from future erosion and the associated costs of rebuilding infrastructure. The city is home to approximately 13,000 residents and is located on the west side of the Neches River.

## City of West University Place



### Flood Control Detention Area Project

Estimated Cost

**\$100,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**7**

Create a flood control detention area for the City of West University Place.

### Description

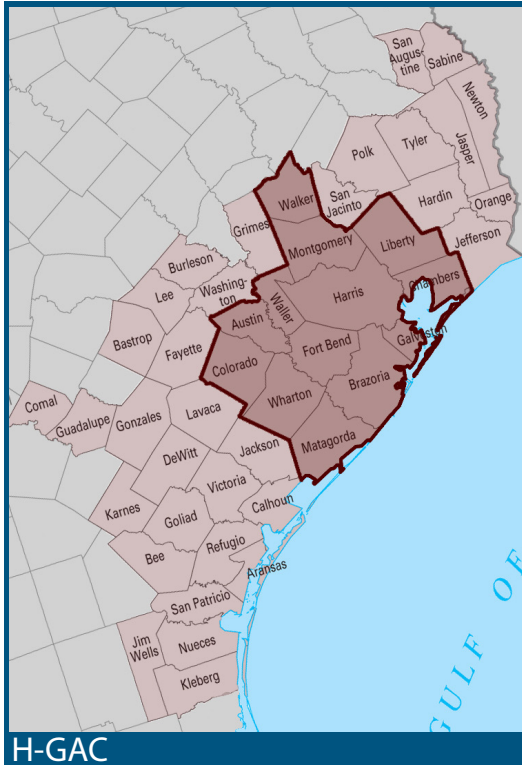
The City of West University Place owns approximately 75 acres of land near the I-69 South/Beltway 88 interchange which can be utilized for flood control detention space. The detention space will help to protect this area from future flooding during heavy rain events.

### Benefit

### Return on Investment

Hurricane Harvey resulted in recent flooding in the city. This \$100 million project will provide detention flood control for large flooding events. The land is owned by the City and previously operated as a landfill from 1959 to 1992. The proposed detention site is adjacent to Keegans Bayou which is one of the largest contributors of water to Brays Bayou. The detention space will help protect this area from future flood events and reduce impact to downstream properties.

## Brazoria Engineering



### Brazoria County Channel De-Snagging Project

Estimated Cost

**\$50,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**14, 22**

De-Snagging of the channels in waterways in Brazoria County.

#### Description

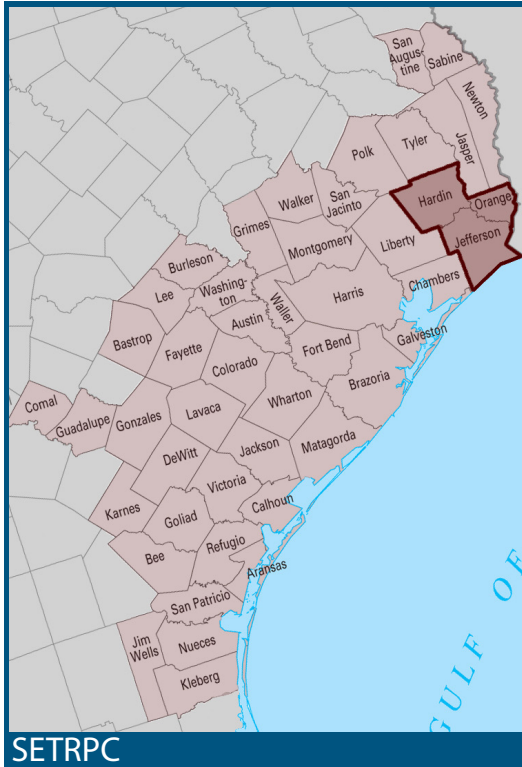
The removal of large woody debris and living vegetation in various waterways will help increase flow velocity, spatially extensive bed degradation, and massive channel enlargement to help protect the neighboring areas from flooding during heavy rain events.

#### Benefit

#### Return on Investment

This \$50 million project will de-snag the channels of Clear Creek, Oyster Creek, Bastrop Bayou, Chocolate Bayou, Mustang Bayou, Jamison Slough, Government Ditch, Mary's Creek, Austin Bayou, and Flores Bayou. This project will help protect this area from future flooding and the associated costs of rebuilding houses and infrastructure.

## City of Groves



### Drainage Improvements Project

Estimated Cost

**\$5,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**14**

#### Description

Improvement of approximately 5 miles of drainage structures in the City of Groves damaged by flooding. Improvements of the drainage structures would include concrete lining of ditches, regrading of ditches, replacement of culverts, and rebuild of the Cleveland main interceptor line.

#### Benefit

These improvements will mitigate flood damages and provide protection from future flood events resulting from heavy rainfall. .

#### Return on Investment

This \$5 million project will provide drainage improvements which will reduce damage from future heavy rain events. The city is home to approximately 16,000 residents. This project will help to protect this area from future flooding and the associated costs of rebuilding houses and infrastructure.



## Rebuild Texas



### Coast-wide Electric Power Grid and System Mitigation

Estimated Cost

**\$500,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**Not Identified**

Congressional District(s)

**All**

### Description

Restore critical electric public utility distribution, transmission and generation infrastructure.

### Benefit

Critical electric utility infrastructure that is damaged during storm events create high safety and security risks for communities. Restoring these assets mitigates the risk of community vulnerability and avoids further losses.

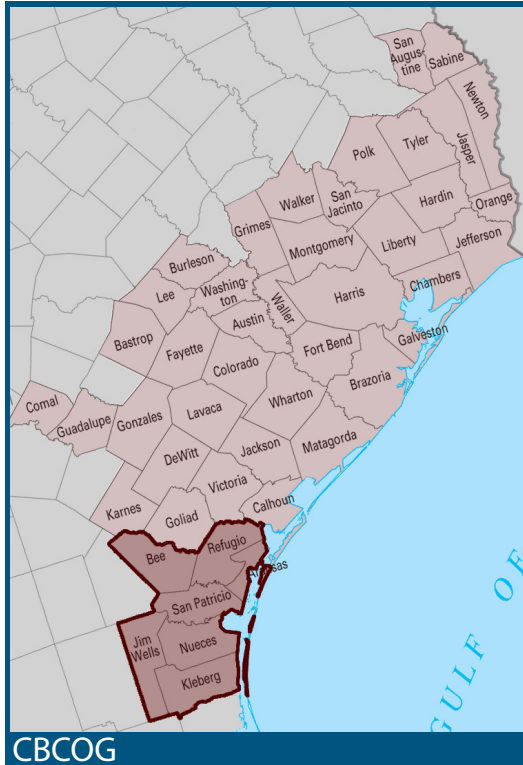
### Return on Investment

This \$500 M investment will restore critical infrastructure damaged during this storm, significantly reducing the risk of public safety and security threats and further losses. Resilient and reliable power systems are essential to enabling Texas communities to quickly and cost-effectively recover from catastrophic storms and will greatly reduce the future expenditure of federal, state and local taxpayer resources.



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## Aransas County ISD



### Aransas County ISD School Rebuilding

Estimated Cost

**\$54,257,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

#### Description

Rebuild and or repair all of the district's facilities that were damaged in the storm to fully operable conditions for returning teachers and students.

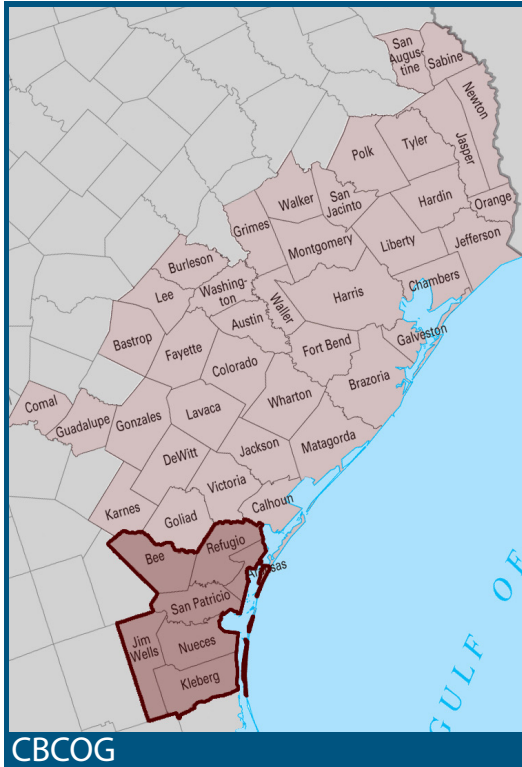
#### Benefit

Reconstruction of school buildings will allow returning administrators, teachers and students to conduct daily activities to alleviate strain on other school districts.

#### Return on Investment

This \$54,257,000 investment will ensure that Aransas County ISD are completely restored and safe for students and teachers to return.

## Aransas County ISD



### Aransas County ISD Classroom and Instructional Supplies

Estimated Cost

**\$1,500,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

#### Description

Replace all instructional materials, equipment, library books, classroom furniture, and other supplies that were damaged or lost during Hurricane Harvey.

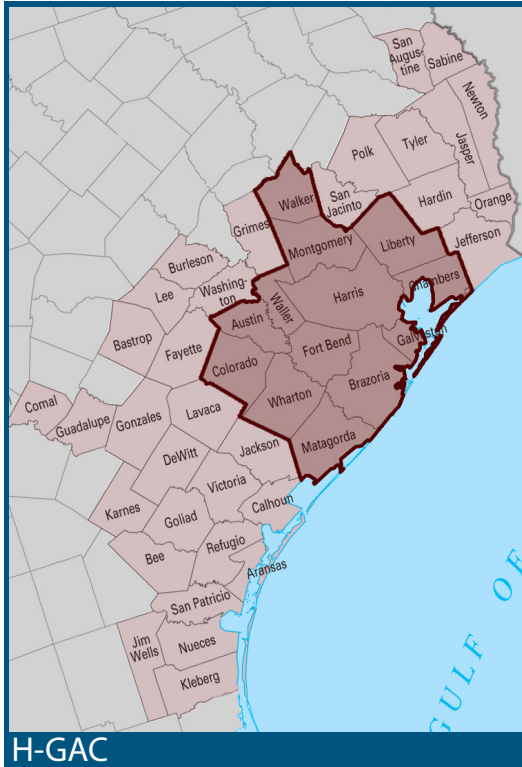
#### Benefit

The purchase of educational materials will facilitate the schools return to full operational capability and allow teachers and students to resume daily activities.

#### Return on Investment

This \$1,500,000 investment will ensure that Aransas County ISD schools have resources necessary to bring back and educate students in district facilities and alleviate stress on other school districts.

## Hull Daisetta ISD



### Hull-Daisetta Elementary School

Estimated Cost

**\$15,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**36**

#### Description

This project rebuilds Hull-Daisetta Elementary School, which suffered severe damaged during Hurricane Harvey, in an alternate location that does not have a history of flooding.

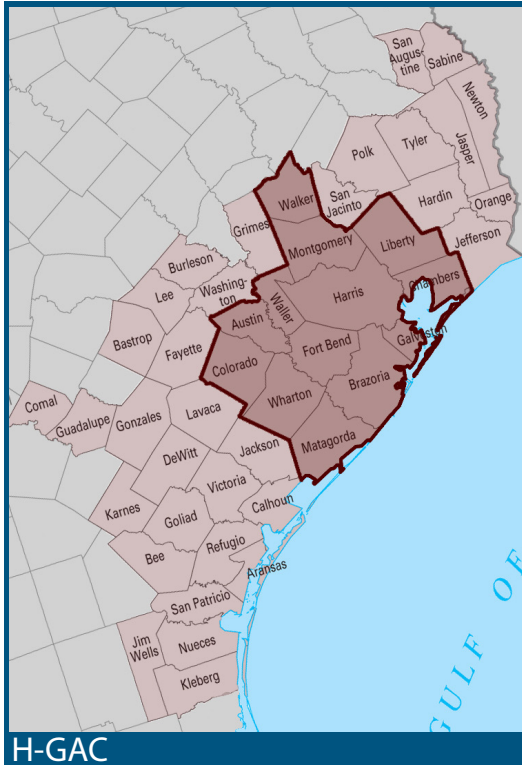
#### Benefit

The relocation project will mitigate future damages and educational disruptions for the ISD. It will also provide a safe refuge for students and teachers during weather events.

#### Return on Investment

The \$15 million investment will build a new school in an area without a history of flooding, providing a safe refuge for students and mitigating damage and educational disruption from future storms.

## Katy ISD



### Sue Creech Elementary School

Estimated Cost

**\$16,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**10, 22, 7, 2**

Repair flood damage to Sue Creech Elementary School building and replace fixtures destroyed to include emergency generator and freezer compressors.

#### Description

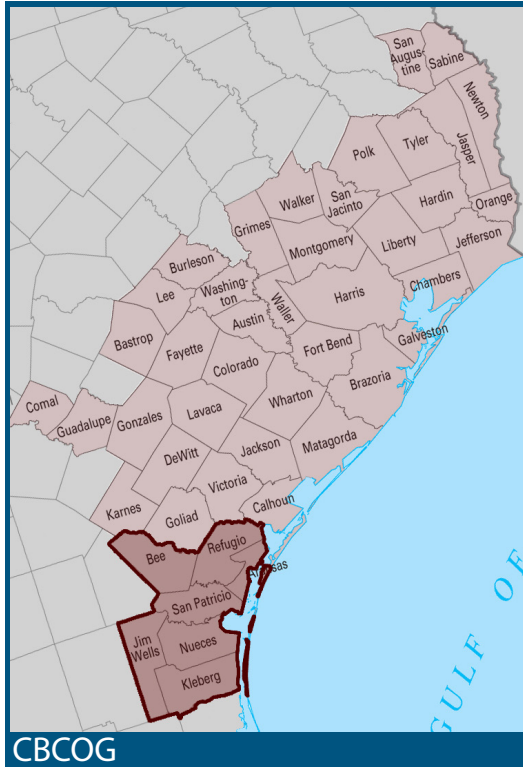
These funds are to repair a school and contents to return it to an operational status for students. This will allow students and teachers to resume normal classes as soon as possible.

#### Benefit

#### Return on Investment

This \$16 M project would bring the school to pre-hurricane status and allow students to return to a safe functional school as soon as possible and alleviate stress on other school districts.

## Odem-Edroy ISD



### Odem-Edroy ISD Facility Restoration

Estimated Cost

**\$669,712**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27, 34**

These funds are requested to repair the roof of the elementary school that was damaged during Hurricane Harvey.

#### Description

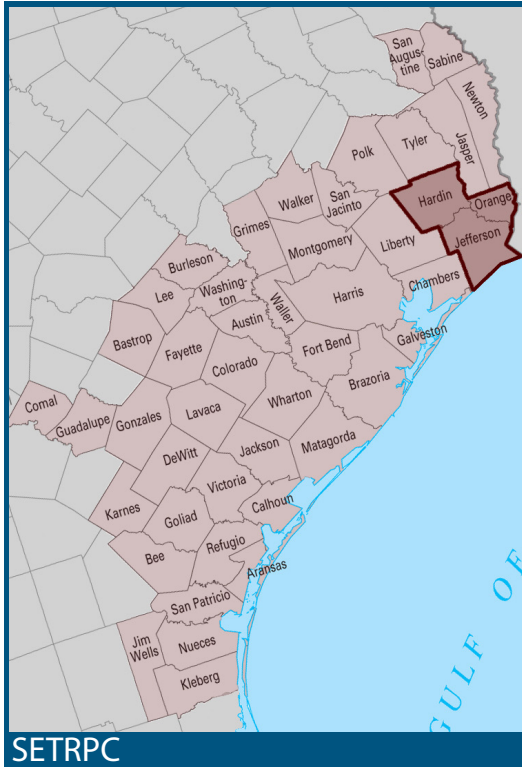
Odem-Edroy ISD is requesting these funds to repair damage to the school roof. These repairs will return the facility back to its optimal state.

#### Benefit

#### Return on Investment

This \$669,712 investment will ensure that the elementary school building is completely restored and safe for students and teachers to return.

## Port Neches Groves ISD



### Replace Taft Elementary

Estimated Cost

**\$20,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

Replace Taft Elementary which was significantly damaged from flood.

### Description

Port Neches Groves ISD is requesting the replacement of Taft Elementary , which was heavily damaged by floodwaters. The campus is currently unusable and students have been displaced to other campuses.

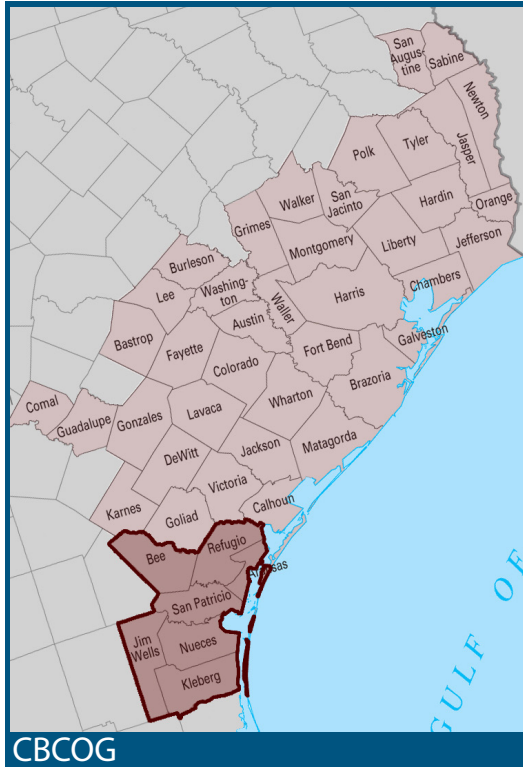
### Benefit

### Return on Investment

This \$20 million investment will ensure that Port Neches Groves schools are completely restored and safe for students and teachers to return.



## Ingleside ISD



### Ingleside ISD District Wide Reconstruction

Estimated Cost

**\$8,836,730**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

Perform reconstruction of Ingleside school facilities damaged in storm.

#### Description

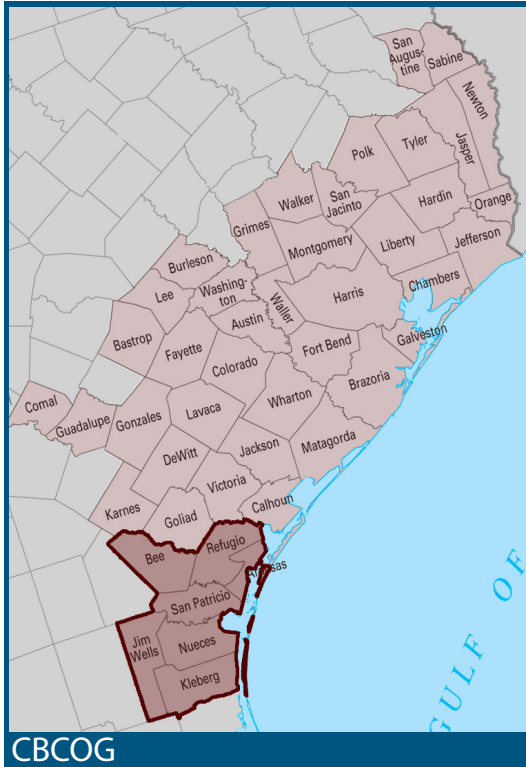
Return school facilities to fully operable conditions.

#### Benefit

#### Return on Investment

This \$8,836,730 investment will ensure that the Ingleside ISD facilities are reconstructed and fully operable to allow for the permanent restoration of this school district's facilities.

## Taft ISD



### Rebuild Schools

Estimated Cost

**\$6,228,571**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

District-wide reconstruction of school buildings.

### Description

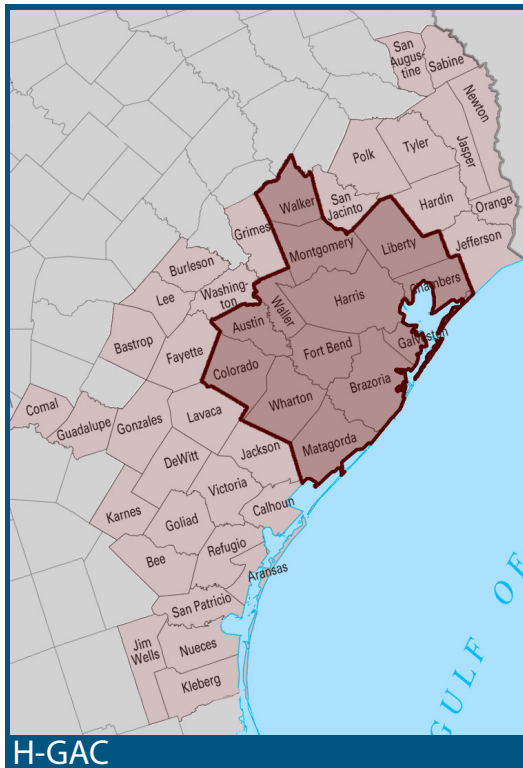
Taft ISD is requesting these funds to repair damage to its schools. These repairs will return the facilities back to their optimal state.

### Benefit

### Return on Investment

This \$6.2 million investment will ensure that Taft schools are completely restored and safe for students and teachers to return.

## Liberty ISD



### Liberty ISD Roof Repairs

Estimated Cost

**\$50,000**

Proposed Funding Source

**State Educational Agencies**

Other Possible Funding Sources

**CDBG-DR, DOE-ST**

Congressional District(s)

**36**

This project would provide for repairs to roof structures damaged from winds and interior damages to walls, ceilings, floors and furnishings damaged by subsequent roof leaks.

### Description

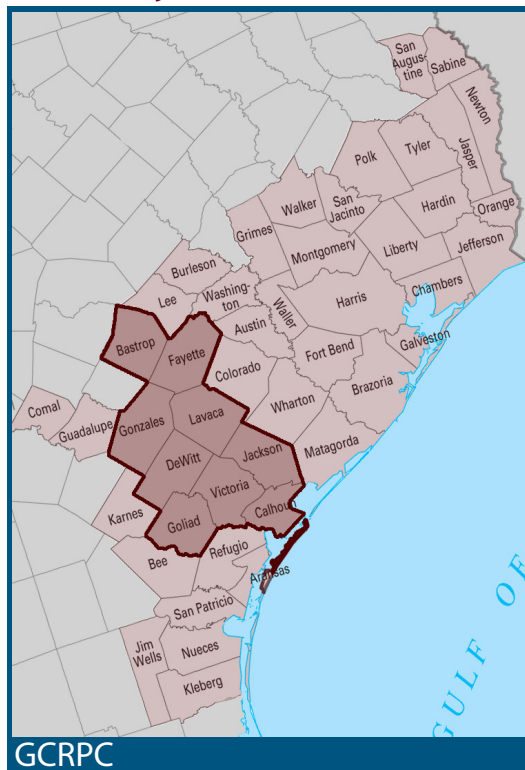
Liberty ISD is requesting these funds to repair storm damages in an effort to restore the facility to its optimal state and allow for the safe return of students and teachers.

### Benefit

### Return on Investment

This \$50,000 investment will ensure that Liberty ISD facilities are restored and provides a safe and healthy environment for students and teachers.

## Nursery ISD



### Nursery ISD Roof Repair

Estimated Cost

**\$50,000**

Proposed Funding Source

**State Educational Agencies**

Other Possible Funding Sources

**CDBG-DR, DOE-ST**

Congressional District(s)

**27**

### Description

This project will facilitate roof repairs to the Nursery ISD school building. Repairs include those to the northeast corner of the new addition where the roof is holding water under the felt, the scuffs and indicators of impact, and scraping and re-tarring of the original roof where gravel has been moved.

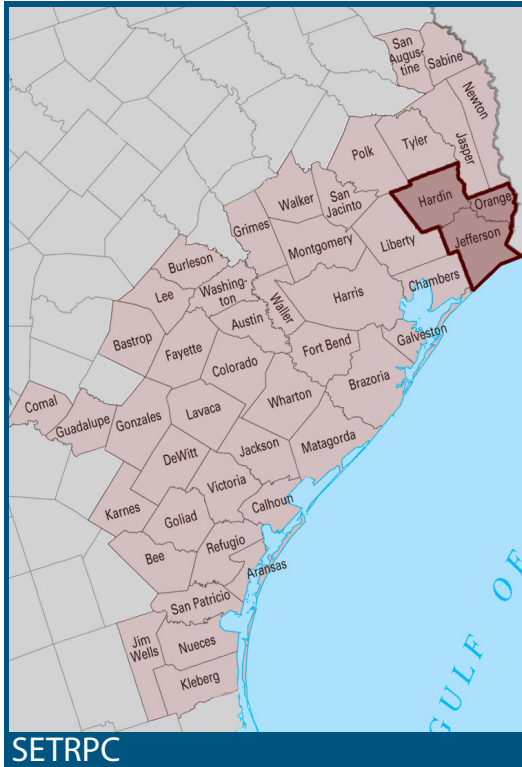
### Benefit

Nursery ISD is requesting these funds to repair damage to the school roof. These repairs will return the facility back to its optimal state.

### Return on Investment

This \$50,000 investment will ensure that Nursery's school building is completely restored and safe for students and teachers to return.

## Kountz ISD



### Kountz ISD High School

Estimated Cost

**\$30,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**36**

#### Description

Repair damage to Kountz ISD High School Gym roof and flooring caused by water leaks during storm.

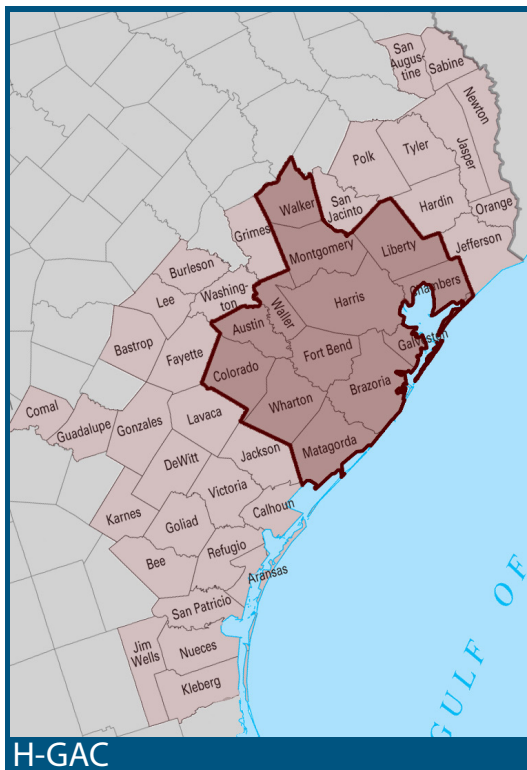
#### Benefit

Return school gym to fully operable conditions.

#### Return on Investment

This \$30,000 investment will ensure that Kountz ISD gym facility is restored and provides a safe and healthy environment for students and teachers.

## Pasadena ISD



### Pasadena ISD--Thompson Intermediate School Restoration

Estimated Cost

**\$7,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**29, 22, 36**

Thompson Intermediate School received flood damage. Interior repairs will be required along with replacement of classroom furniture/contents, musical instruments, athletic equipment, and library books.

#### Description

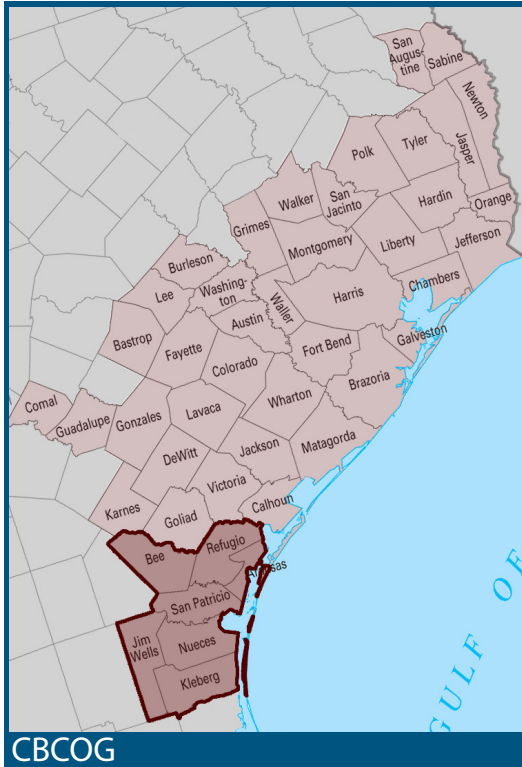
Return Thompson Intermediate school to useful function allowing students and faculty to return to normal occupancy.

#### Benefit

#### Return on Investment

This \$7 million investment will ensure that Thompson Intermediate School is restored and provides a safe learning environment for students and teachers.

## Refugio ISD



### Refugio ISD Educational Facilities

Estimated Cost

**\$14,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27, 34**

### Description

Repair and replace damages to Elementary School, Science Wing, Cafeteria, Football Field, Band Hall, and associated structures resulting from water damage. Damages include roofing, flooring, cabinets, and walls.

### Benefit

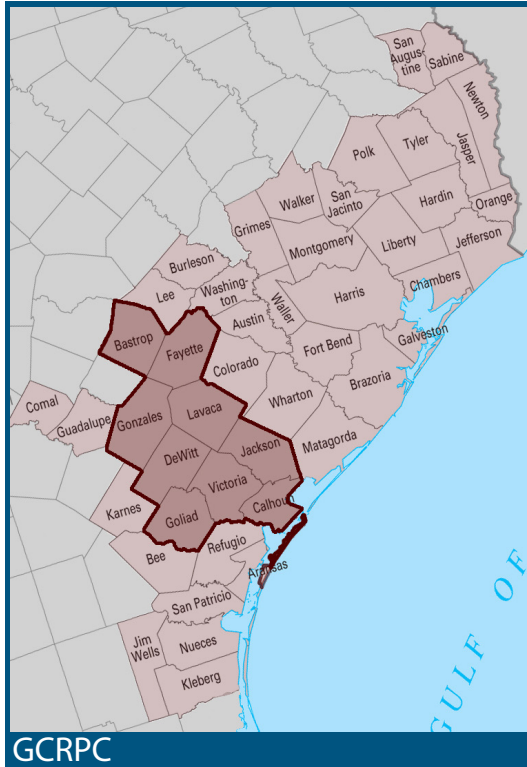
These repairs will allow for the return of students and faculty and provide for a safe learning environment. These repairs will return the facilities back to their optimal state.

### Return on Investment

This \$14 million investment will ensure that Refugio schools are completely restored and safe for students and teachers to return.



## Victoria ISD



### Victoria ISD

Estimated Cost

**\$8,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

### Description

Repair damages to 27 Victoria ISD campuses. Roof damage sustained from high winds and subsequent water damage to interior of multiple buildings across all campuses.

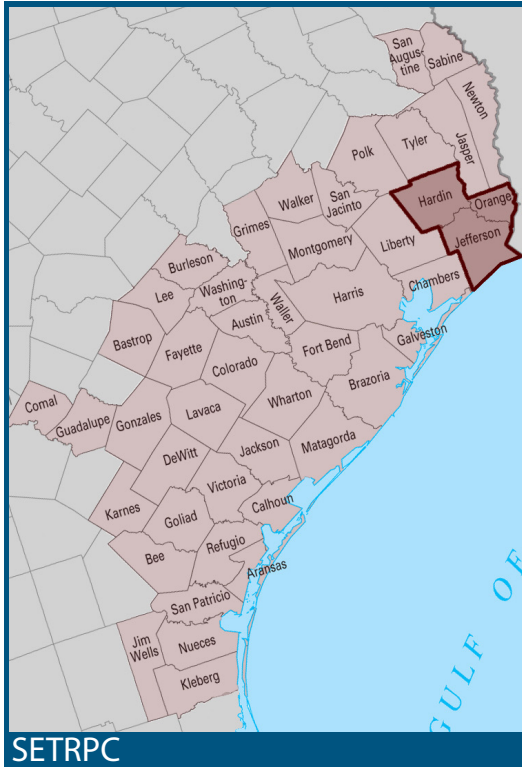
### Benefit

The repair of damage to these buildings will return them to optimal state and allow for a safe learning environment for students and teachers.

### Return on Investment

This \$8 Million investment will ensure that Victoria ISD Schools are completely restored and safe for students and teachers to return.

## Vidor ISD



### Vidor ISD Facility Repair and Rebuild

Estimated Cost

**\$13,450,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**36**

#### Description

Repair and replace sections of fifth & sixth grade school buildings, band hall and other district facilities due to water damage. Desks and other furnishings were damaged beyond repair and are in need of replacement.

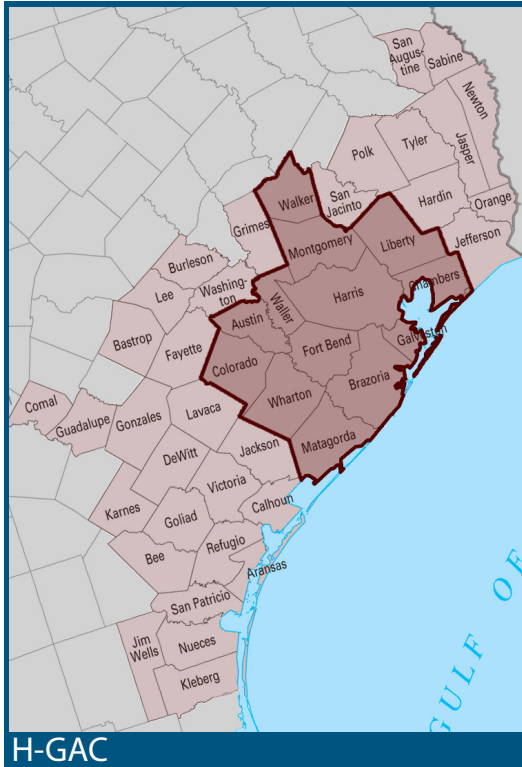
#### Benefit

These repairs will return the Vidor ISD school buildings back to their optimal state. This will allow for the return of students and faculty to a safe learning environment.

#### Return on Investment

This \$13.45 million investment will ensure that Vidor schools are completely restored and safe for students and teachers to return.

## Wharton ISD



### Wharton ISD Educational Facilities

Estimated Cost

**\$4,225,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

### Description

Repair, replace, or reinstall damaged flooring, ceilings, walls, electrical wiring, sound systems, and plumbing fixtures at Wharton Jr. High, Wharton High School ROTC, Cafeteria, Theater, Industrial Trades, Health Science, Art Building, & Auditorium.

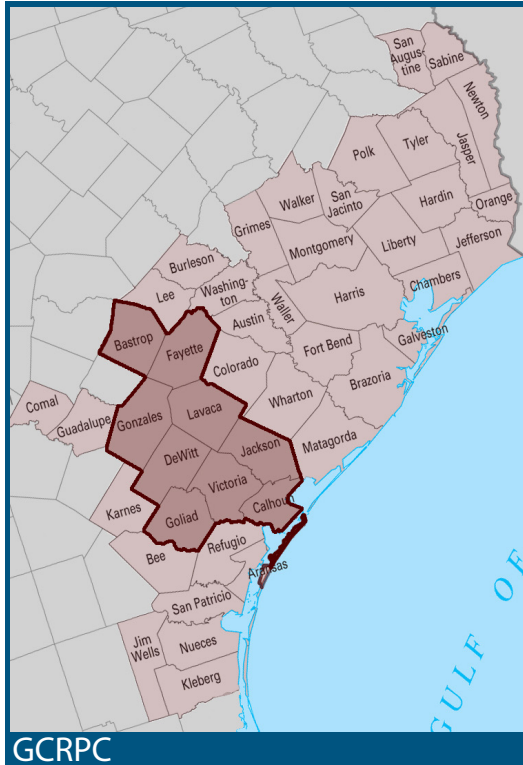
### Benefit

These repairs will return the affected buildings to full functional use allowing for the return of student and faculty to a safe learning environment and optimal state.

### Return on Investment

This \$4.2 million investment will ensure that Wharton schools are completely restored and safe for students and teachers to return.

## Cuero ISD



### Cuero ISD Jr High and High School Repair

Estimated Cost

**\$180,538**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**34**

### Description

Repair damages to Cuero High School and Cuero Jr. High School buildings. Roof damages from high winds and subsequent water damage to the interior of High School gym, Jr. High School gym, and classrooms.

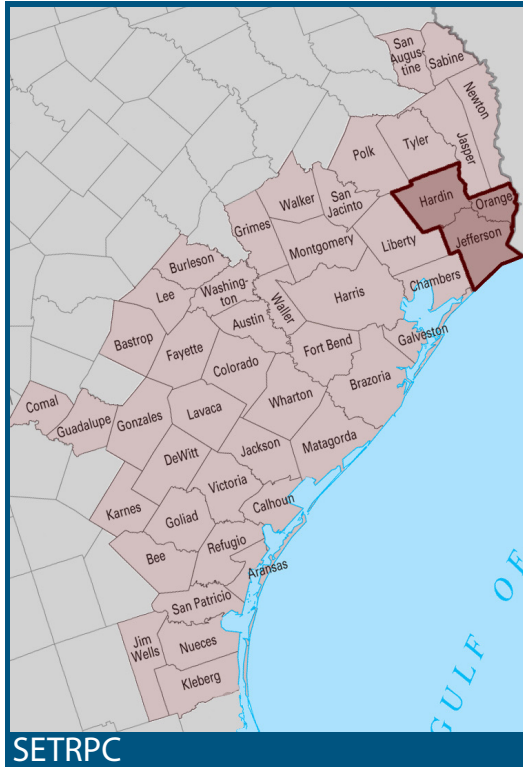
### Benefit

Cuero ISD is requesting these funds to repair damage to the Jr. high and high schools. These repairs will return the facilities back to their optimal state and allow for the safe use of these facilities.

### Return on Investment

This \$180,538 investment will ensure that Cuero schools are completely restored and safe for students and teachers to return.

## Hardin-Jefferson ISD



### Hardin-Jefferson ISD Facility Damage and Temporary Facility Cost Mitigation

Estimated Cost

**\$29,185,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14, 36**

#### Description

Replacement of Henderson Middle School, which was destroyed as a result of extensive storm damage. Provide 24-48 months of temporary portable Middle School until middle school buildings construction is complete. Repair severe flood damage to Sour Lake Elementary & Hardin Jefferson High School.

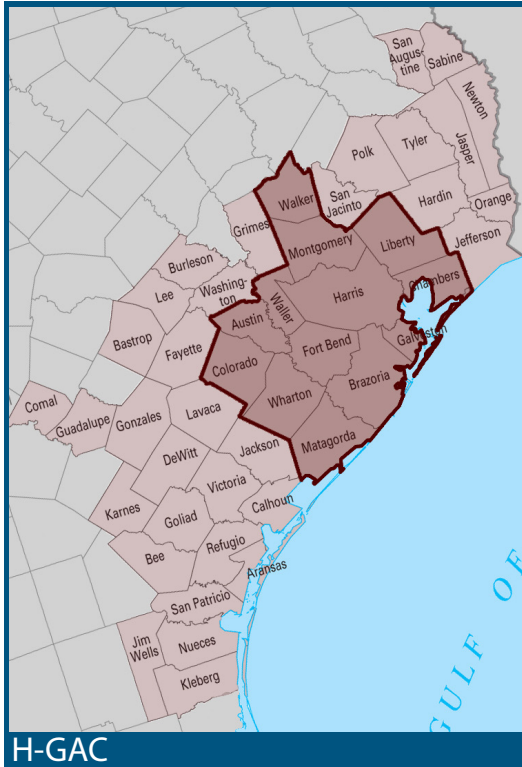
#### Benefit

The replacement of Henderson Middle School and the repair to Sour Lake Elementary and Hardin Jefferson High School will allow students to return to a safe and productive learning environment. These repairs will return the facilities back to their optimal state.

#### Return on Investment

This \$29.2 million investment will ensure that Hardin-Jefferson schools are completely restored and safe for students and teachers to return.

## City of Dickinson



### Dickinson ISD Educational Facilities

Estimated Cost

**\$1,150,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14**

#### Description

Repair and replace building damaged by severe flooding at Bay Colony Elementary, Gator Academy, and K.E. Little Annex due to severe flooding.

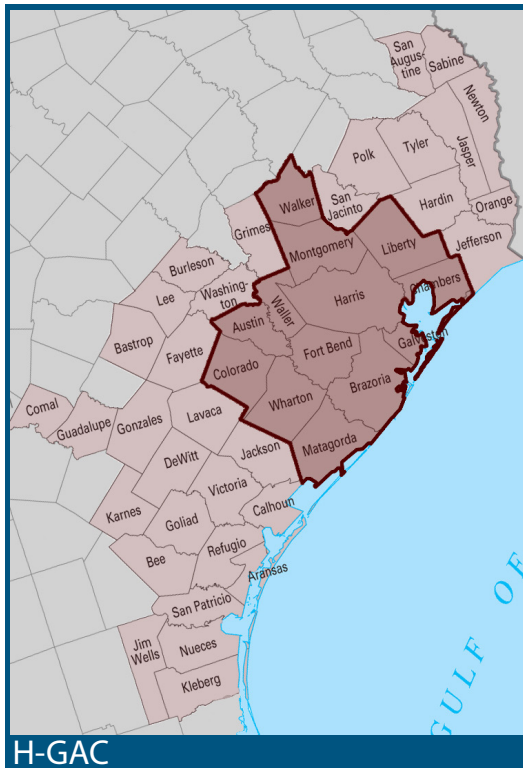
#### Benefit

The repair to damaged building will return them to optimal use, thus provided for the safe return of students and faculty to the campus.

#### Return on Investment

This \$1.15 million investment will ensure that Dickinson ISD facilities are restored and provide a safe and healthy environment for students and teachers.

## New Waverly ISD



### New Waverly ISD Facility Repair/ Restoration

Estimated Cost

**\$370,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**8**

#### Description

Repair/replace sections of ISD buildings (Elementary, Intermediate & High Schools, Gymnasium, and Other ISD Facilities) including roofing, flooring, ceiling tiles, and walls.

#### Benefit

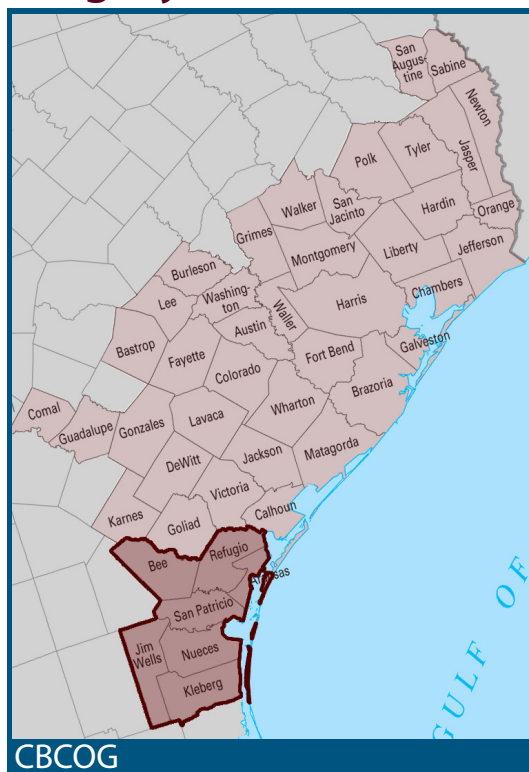
These repairs will allow the New Waverly ISD to resume normal services and allow for the safe return of students and faculty.

#### Return on Investment

This investment of \$370,000 will ensure that New Waverly ISD Schools are restored and provide for a safe environment for the return of students and teachers.



## Gregory-Portland ISD



### Gregory-Portland ISD Facility Repairs

Estimated Cost

**\$6,254,392**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

Repair Damage throughout various facilities including but not limited to roof, broken windows, water infiltration, and damaged/lost equipment.

#### Description

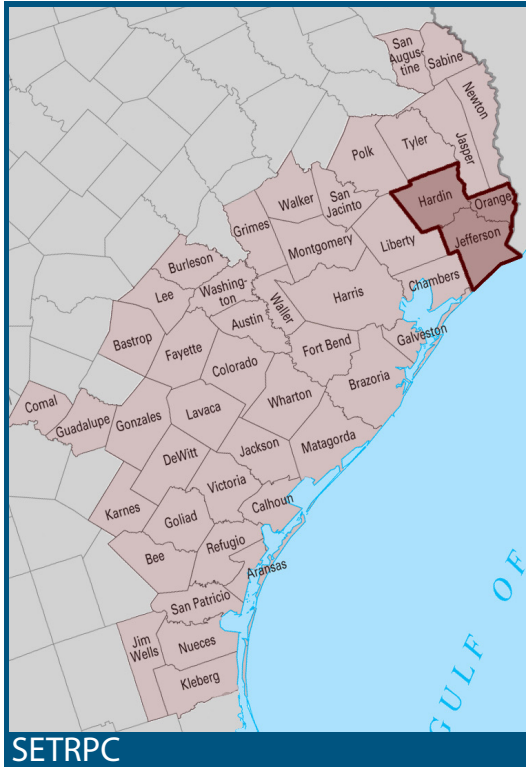
Gregory-Portland ISD is requesting these funds to repair damage to its schools. These repairs will return the facilities back to their optimal state.

#### Benefit

#### Return on Investment

This \$6.1 million investment will ensure that Gregory-Portland schools are completely restored and safe for students and teachers to return.

## Little Cypress-Mauriceville CISD



### Little Cypress-Mauriceville CISD Facilities Restoration

Estimated Cost

**\$64,300,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**36**

#### Description

Repair and replace sections of buildings (Mauriceville Elem. & Middle School, Little Cypress Elem. And Junior High School, Transportation Office Bldg., and Little Cypress-Mauriceville High School) from water damage. Facilities will need work on HVAC, equipment, roofing, flooring, millwork, sheetrock, etc. Also requesting repairs for electrical and mechanical equipment damage.

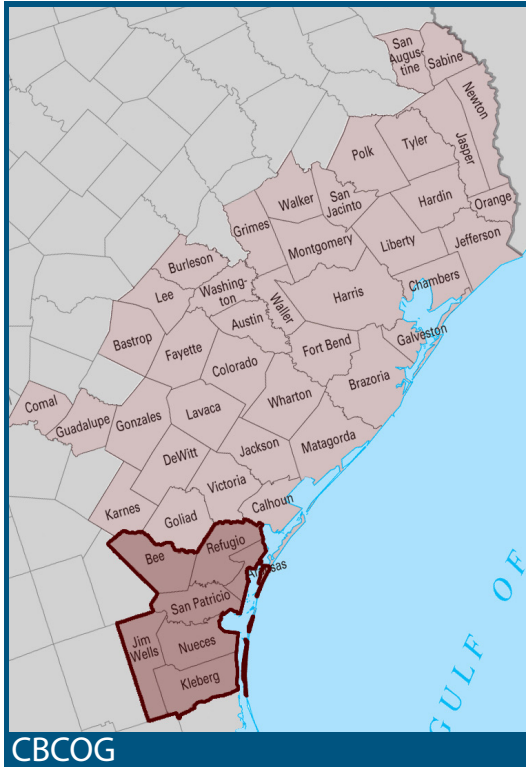
#### Benefit

These repairs will allow the Little Cypress-Mauriceville CISD to resume normal services for its students and their teachers.

#### Return on Investment

This investment of \$64 million will not only help to restore classes but will also help to modernize teaching labs and equipment.

## Woodsboro ISD



### Woodsboro ISD Educational Facilities

Estimated Cost

**\$15,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

#### Description

Repair/replace extensive water damage to school structures Woodsboro ISD Elementary campus, band hall, cafeteria and gym building. Damages include roofing, lighting, walls, ceilings, flooring and furnishings.

#### Benefit

Woodsboro ISD is requesting these funds to repair damage to its schools. Repair or replacement of these structures will allow the students and teachers to return to a safe and productive learning environment. These repairs will return the facilities back to their optimal state.

#### Return on Investment

This \$15 million investment will ensure that Woodsboro schools are completely restored and safe for students and teachers to return.

## Alief ISD



H-GAC

### Repair Killough Middle School, Heflin Elementary School, and Other District Facilities

Estimated Cost

**\$198,500**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**9, 7**

### Description

Repair extensive water damage to Alief ISD's Killough Middle School, Heflin Elementary School, and other ISD facilities. Damage includes roofing, lighting, Walls, Ceilings, and flooring.

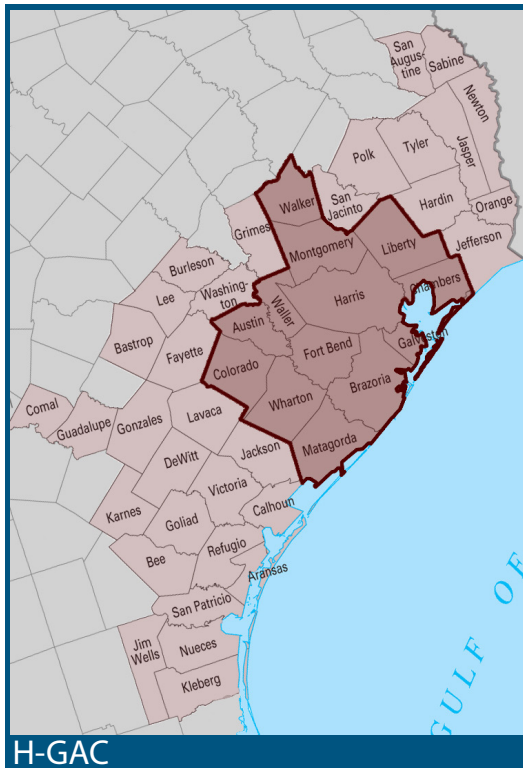
### Benefit

Alief ISD is requesting these funds to repair damage to its schools. Repair or replacement of these structures will allow the students and teachers to return to a safe and productive learning environment. These repairs will return the facilities back to their optimal state.

### Return on Investment

This \$198,500 investment will ensure that Alief Educational Facilities are completely restored and safe for students and teachers to return.

## Sheldon ISD



### Sheldon ISD Educational Facilities

Estimated Cost

**\$14,794,510**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**36, 29, 2**

### Description

Repair and replace sections of buildings Sheldon ISD's King High School & Middle School, Royalwood Elem., Null Middle School, Carroll Elem., Sheldon Early Childhood Academy, & the Network Operation Center. Repairs from water damage to buildings, HVAC, vehicles, roof leaks, casework, etc. will be needed

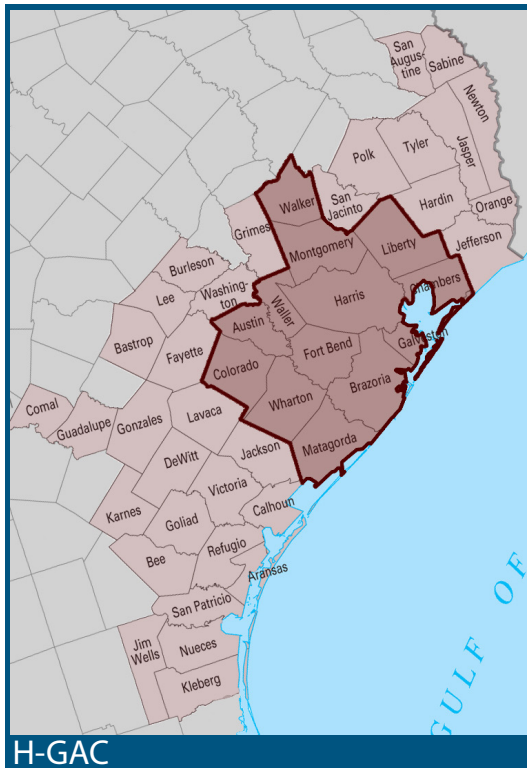
### Benefit

Sheldon ISD is requesting these funds to repair damage to its schools. Repair or replacement of these structures will allow the students and teachers to return to a safe and productive learning environment. These repairs will return the facilities back to their optimal state.

### Return on Investment

This \$14.8 million investment will ensure that Sheldon schools are completely restored and safe for students and teachers to return.

## Goose Creek Consolidated ISD



### Goose Creek ISD Facility Damage

Estimated Cost

**\$6,240,916**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**36**

### Description

Repair Goose Creek ISD Technology Facility and other buildings damaged by floodwaters, roof damage, and subsequent water damage to walls, ceilings, and flooring. Damages include furniture, fixtures and technology equipment.

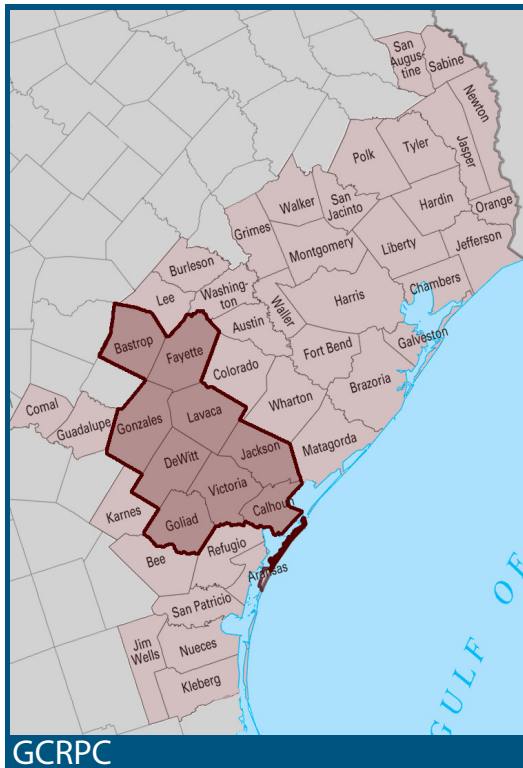
### Benefit

Goose Creek ISD is requesting these funds to repair damage to its schools. Repair or replacement of these structures will allow the students and teachers to return to a safe and productive learning environment. These repairs will return the facilities back to their optimal state.

### Return on Investment

This \$6.2 million investment will ensure that Goose Creek schools are completely restored and safe for students and teachers to return.

## Calhoun County ISD



### Calhoun ISD Consolidated Repairs

Estimated Cost

**\$1,217,500**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

#### Description

Repair damage to Calhoun County ISD School buildings including Hope High school, Transportation building, Travis Middle School, Seadrift School, JR Elementary, Calhoun high School, Calhoun Stadium, Seadrift Portable Classrooms, and Calhoun High School Administration Building. Damages include structural and roof damage caused by hurricane force winds and water damage to building interior as a result of roof damage.

#### Benefit

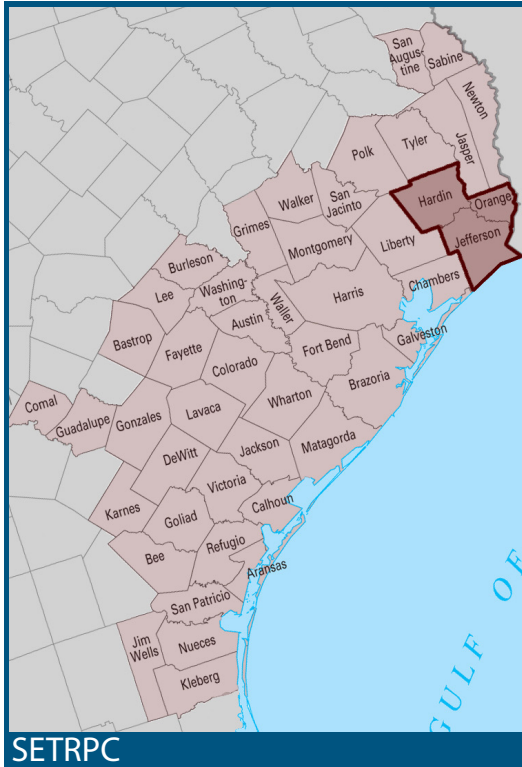
The repairs will return the Calhoun County ISD school structures to their optimal state and allow students and teachers to return to a safe learning environment and allow for service to the community to resume.

#### Return on Investment

This \$1.2 million investment will ensure that Calhoun County ISD schools are completely restored and safe for students and teachers to return.



## Hamshire-Fannett ISD



### Hamshire-Fannett ISD Intermediate and Middle School Reconstruction

Estimated Cost

**\$9,530,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14**

#### Description

Perform remediation of buildings, removal of water & mold, cleaning, and storing of salvageable materials and equipment. Replacement of floors, 148,000 sq. ft., replacement of all doors, casework in offices and classrooms, replacement of all library shelving, replacement of significant amount of furniture, replacement of equipment and supplies.

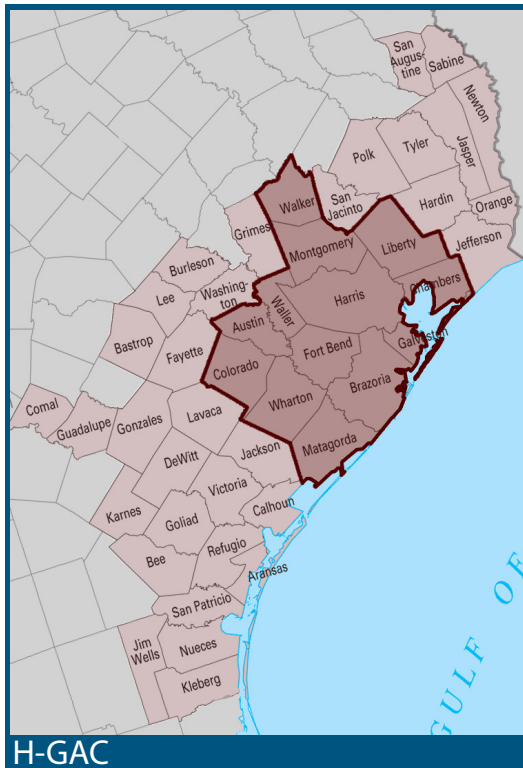
#### Benefit

Hardin-Jefferson ISD is requesting these funds to repair damage to its schools. These repairs will return the facilities back to their optimal state and provide for a safe learning environment for teachers and students

#### Return on Investment

This \$9.53 million investment will ensure that Hardin-Jefferson schools are completely restored and safe for students and teachers to return.

## Humble ISD



### Administration and Ag Barn Flood Remediation

Estimated Cost

**\$6,700,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**2, 29**

### Description

Perform remediation of Humble ISD Administration Building and Agricultural Sciences Facility that was damaged by flooding. Repairs to floors, walls, ceiling tiles are required.

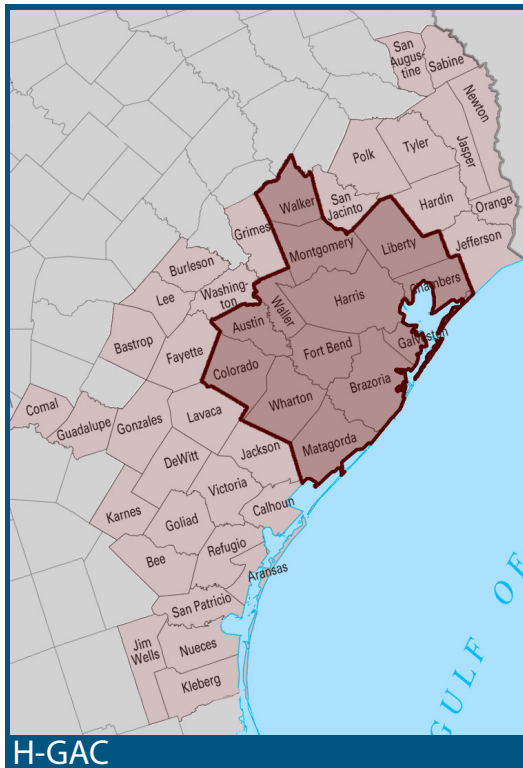
### Benefit

Humble ISD is requesting these funds to repair damage to return the facilities to their optimal state and allow for the safe return of faculty, teachers and students.

### Return on Investment

This \$6.7 million investment will ensure that Humble schools are completely restored and safe for students, teachers, and faculty to return.

## Port Aransas



### City of Port Aransas Municipal Facilities & Services Restoration

Estimated Cost

**\$2,761,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14**

#### Description

Restore critical public services by repairing/replacing library, parks, public works, gas department, police station, EMS, dispatch jailhouse, firehouse. Also requesting restoration of nature preserve, fishing piers, bulkheads, revetments, parks, and marina public docks.

#### Benefit

These repairs and improvements will allow the Port Aransas to resume normal services to its citizens. In addition, these repairs will help to bring public recreation services back online.

#### Return on Investment

This investment of \$17 million will not only help to restore services to the citizens of Port Aransas but will also help to update and modernize city services.

## Klein ISD



### Klein ISD Repair of Lemm Elementary Campus

Estimated Cost

**\$4,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**2, 8, 18, 10**

#### Description

The Lemm Elementary Campus received severe damage from flooding. This included damage to classrooms, the gym and kitchen. The kitchen area has damage to the walk-in freezer, various electrical components and food service equipment/furniture. Other classroom furniture, books and educational supplies were destroyed and will need replacing.

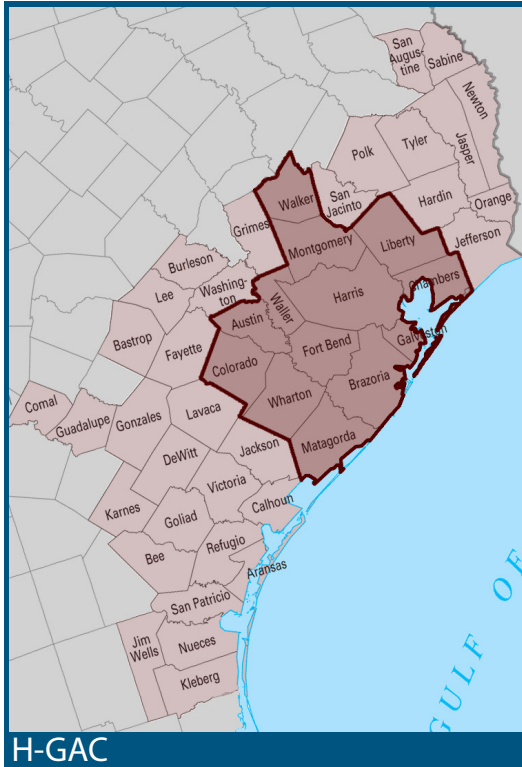
#### Benefit

Restoration of the Lemm Elementary Campus will allow Klein ISD students and faculty/staff serviced by that campus to return to normal school operations.

#### Return on Investment

The investment of \$4 million will restore school facilities to a safe environment for students and faculty to return to normal operations.

## Huffman ISD



### Repair or Replacement of Huffman ISD Transportation Fleet

Estimated Cost

**\$4,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**2**

Huffman ISD transportation fleet of buses received major damage due to flood waters. Repairs and, in some cases, replacement of buses will be necessary.

#### Description

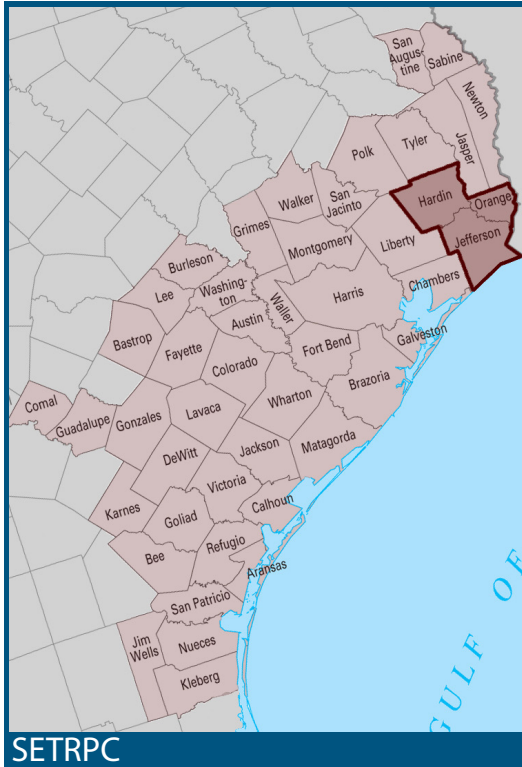
Repair or replacement of damaged buses will allow Huffman ISD to reestablish safe and reliable bus services to transport students to school campuses and school-sponsored events.

#### Benefit

#### Return on Investment

The requested \$4 million will allow assessment of all buses damaged by flood waters and the repair or replacement of each unit based on recommendations to return ISD to a normal transportation schedule.

## Sabine Pass ISD



### Sabine Pass ISD Buildings

Estimated Cost

**\$1,500,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14**

### Description

This project repairs roofs and buildings to several Sabine Pass ISD buildings damaged by Hurricane Harvey, including the Pre-K - 12 library, auditorium, main building and gym.

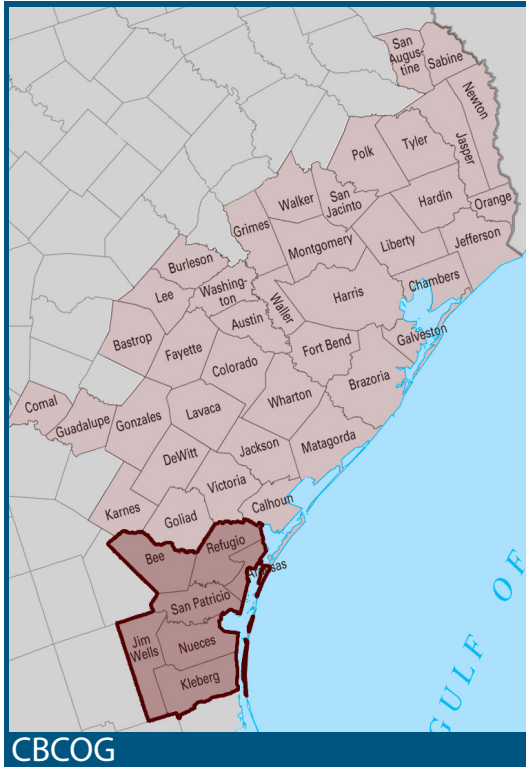
### Benefit

The repair of these school facilities will prevent further damage following Hurricane Harvey and will return the school to full, safe operation.

### Return on Investment

The \$1.5 million project repairs hurricane-damaged SPISD buildings as efficiently as possible, replacing roofs when necessary. Restore facilities for roughly 375 students.

## Port Aransas ISD



### Port Aransas ISD Educational Facilities

Estimated Cost

**\$15,500,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**27**

#### Description

Repair/replace sections of ISD buildings (Olsen Elem., PA High School, Brundrett Middle School, etc.) including roofing, flooring, ceiling tiles, and walls. Also requesting repair/replace of buses and bus barns. Finally, requesting debris removal and demolition of damaged facilities.

#### Benefit

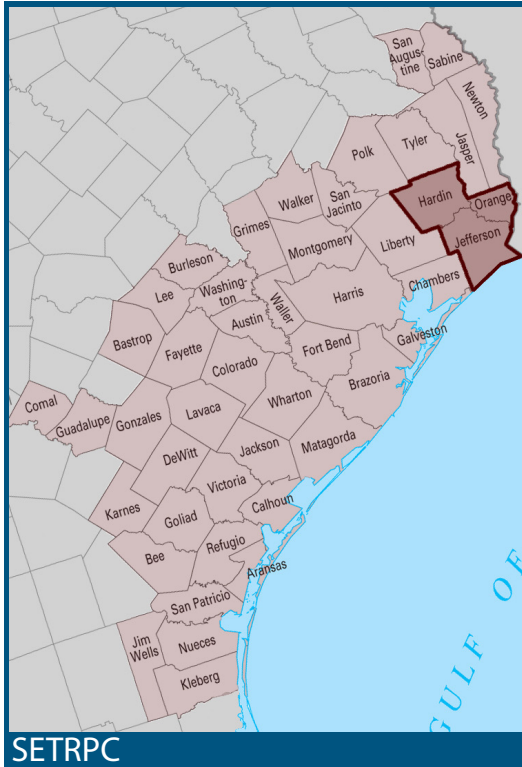
Port Aransas ISD is requesting these funds to repair damage to the school. These repairs will return the facility back to its optimal state.

#### Return on Investment

This \$15.5 million investment will ensure that Port Aransas schools are completely restored and safe for students and teachers to return.



## TEKOA CHARTER SCHOOL, INC. - DISTRICT #123803



SETRPC

### Tekoa Charter School, Inc. Reconstruction

Estimated Cost

**\$9,185,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14**

#### Description

Loss of following Administrative offices and 1st - 5th grade building located at 326A Thomas Blvd; 6th - 7th grade building located at 326C Thomas Blvd; 8th - 12th grade building located at 327 Thomas Blvd; pre-K Kinder campus (lease/own) building located at 3600 Memorial in Port Arthur; and Orange classroom building located at 1408B W. Park St in Orange due to flooding.

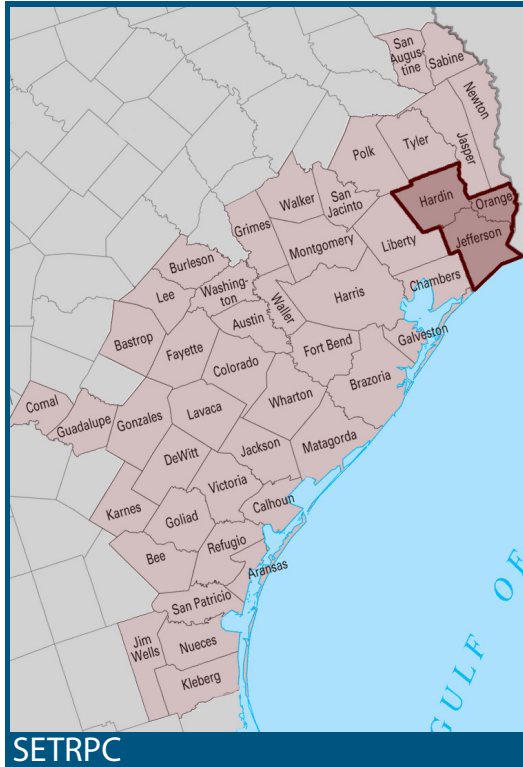
#### Benefit

TEKOA CHARTER SCHOOL, INC. is requesting these funds to repair damage to its school and administrative facilities allowing school to return to normal function for students

#### Return on Investment

The investment of \$9,185,000 will restore school facilities to a safe environment for students and faculty to return to normal operations. Further, this investment will add 20 new jobs (FTEs).

## Port Arthur ISD



### Port Arthur ISD Adams Elementary and Administrative Building Reconstruction

Estimated Cost

**\$14,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14**

The costs include remediation, construction, replacement of furniture and equipment, replacement of lost food and cafeteria equipment, gym equipment, replacement of office supplies, materials for students, and library books damaged or lost during major flood event.

#### Description

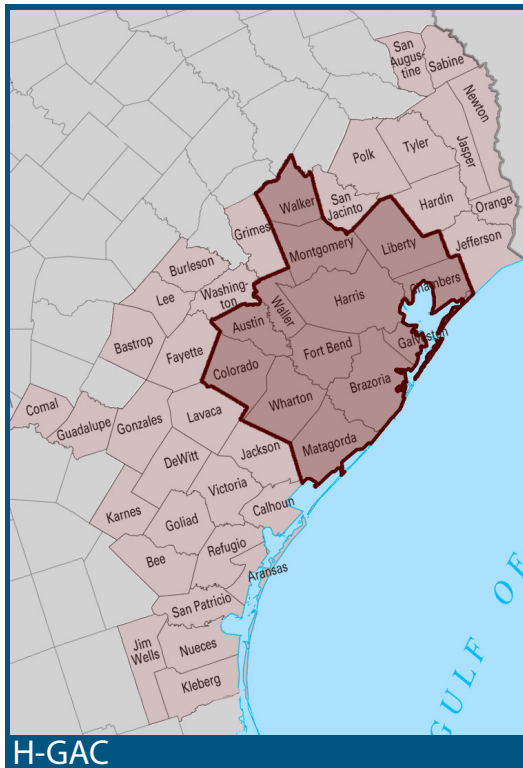
Port Arthur ISD is requesting these funds to repair damage to its school facilities allowing school to return to normal function for students

#### Benefit

#### Return on Investment

The investment of \$14 million will restore school facilities to a safe environment for students and faculty to return to normal operations.

## Cypress-Fairbanks ISD



### Cypress - Fairbanks ISD Repair and Reconstruction

Estimated Cost

**\$15,765,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**10, 7, 2, 18**

#### Description

Moore Elementary building was severely damaged by flood water. Damage included the main classroom building, Gym, Ropes Course Buildings, and 2 temporary buildings along with associated chillers, technology equipment, furniture, and other essential educational items. Other campuses received varying levels of damage and loss of equipment including the loss of one police unit.

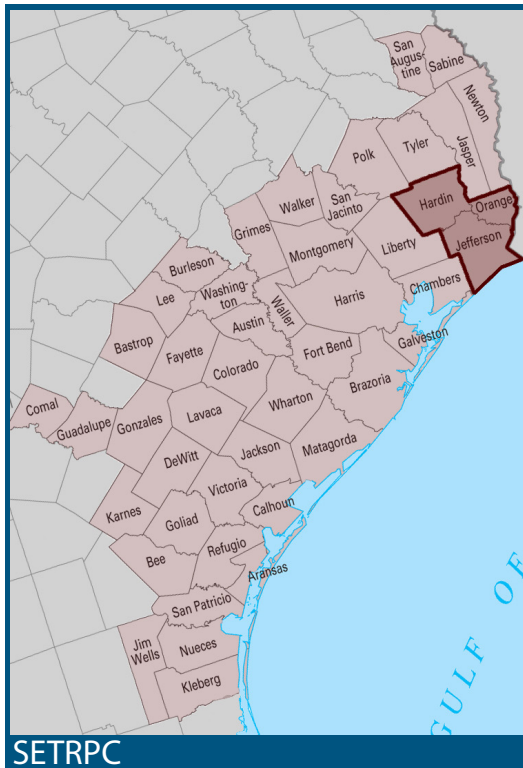
#### Benefit

Cypress-Fairbanks ISD has made the request for these funds to return damaged buildings and equipment to safe operational levels.

#### Return on Investment

By providing the school district with \$15,765,000 in funds, damaged buildings can be repaired and damaged equipment replaced to return school to normal functioning status.

## Orangefield ISD



SETRPC

### Orangefield ISD Restoration of Elementary and High School Campuses

Estimated Cost

**\$6,000,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**36**

Both of the elementary and high school campuses received severe damage from flooding. This included damage to classrooms and related furniture, equipment and educational supplies and resources.

#### Description

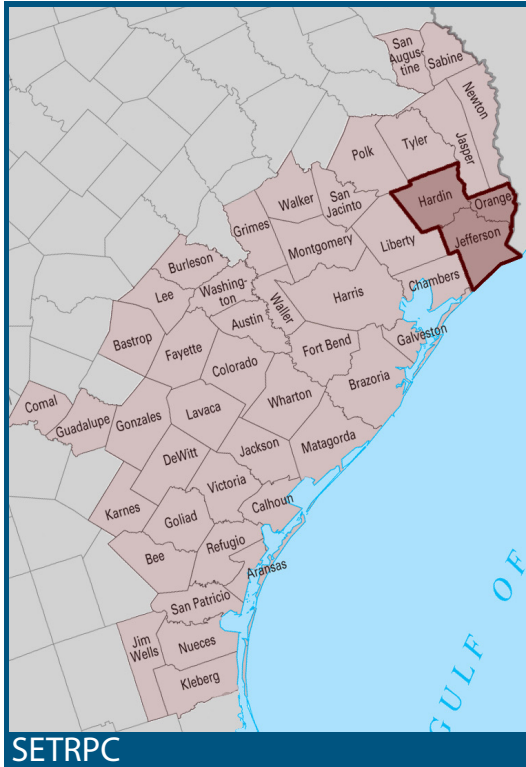
Restoration of the Orangefield Elementary and High School Campuses will allow Orangefield ISD students and faculty/staffs to return normal school operations.

#### Benefit

#### Return on Investment

The investment of \$6 million will restore all school facilities to a safe environment for students and faculty to return to normal operations.

## Beaumont ISD



### Beaumont ISD Repair of Ozen High School and West Brook High School

Estimated Cost

**\$3,500,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**14**

Both the Ozen High School and West Brook High School campuses received major damage from flooding.

#### Description

#### Benefit

#### Return on Investment

Repair of the Ozen High School and West Brook High School campuses will allow the students and faculty/staff served by these two campuses to return normal operations and bring two of the four BISD high schools back to full operational status.

The investment of \$3.5 million will allow Beaumont ISD to make necessary repairs to Ozen and West Brook High School campuses and associated facilities and equipment to ensure a safe environment for students and faculty/staff to resume normal school operations.

## Clear Creek ISD



### Clear Creek ISD Intermediate and High School Campuses

Estimated Cost

**\$15,818,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**18, 29, 2**

### Description

The costs include repairs and restoration of four campuses in the Clear Creek ISD. Each of the campuses received major flood damage to campus classrooms and other facilities, structures, athletic facilities, equipment, and contents.

### Benefit

Clear Creek ISD is requesting these funds to repair damage to school facilities and equipment across four campuses allowing school to return to normal function for students and faculty and staff associated with Brookside Intermediate, Clear Springs High School, Clear Brook High School, and Clear Falls High School.

### Return on Investment

The investment of \$15,818,000 will restore damaged school facilities, equipment and contents to a safe and productive environment for students and faculty/staff to return to normal school-related operations.



## Houston ISD



H-GAC

### Houston ISD Repair, Replacement, Transportation, and Risk Mitigation

Estimated Cost

**\$80,000,000**

Proposed Funding Source

**State Educational Agencies**

Other Possible Funding Sources

**CDBG-DR, DOE-ST**

Congressional District(s)

**18, 9, 29, 7, 2**

#### Description

Following Hurricane Harvey, many Houston ISD schools remained closed for more than two week while 9 schools are likely to remain closed for the entire year. This project undertakes repair of schools with major flood damage and expands sites accepting relocated students. The project also addresses additional transportation costs associated with student relocation and homeless students as well as costs incurred to meet state instructional time requirements following extended school closures.

#### Benefit

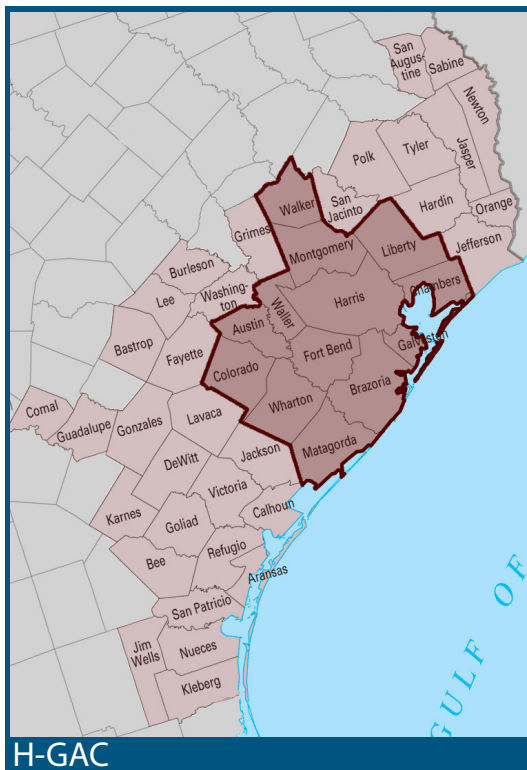
The project allows students to resume their educations and rebuild their lives after devastating losses—with many students losing homes and possessions as well as local school facilities. The project will allow multiple HISD locations to be rebuilt and/or repaired, providing safe educational spaces for Houston students. Equally important, the project funds transportation for homeless and relocated students and expands current facilities to accommodate these students as they face additional instruction time required by the state to replace time lost in the immediate aftermath of Hurricane Harvey.

#### Return on Investment

The \$80 million project allows more than 215,000 Houston students to meet State of Texas educational requirements for the 2017-18 school year in safe, productive environments by expanding alternative sites and transporting homeless students and students relocated from schools destroyed by Hurricane Harvey to facilities. At the same time the project rebuilds facilities destroyed in the storm to meet the needs of growing district and withstand future storms.



## Rhodes School



### Rhodes School Facilities and Equipment

Estimated Cost

**\$5,200,000**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR, DOE-ST**

Congressional District(s)  
**2, 36, 10, 18, 29, 7, 9, 8, 22**

#### Description

Hurricane Harvey caused 2 feet of flooding for at least 3 days in some school facilities, resulting in subfloor damage and the destruction of 9 modular buildings, numerous educational equipment and supplies, IT equipment including a server and more than 380 computers, 4 food freezers, 3 milk coolers, vehicles, office equipment including 4 industrial copy machines and 7 projectors, musical and fine arts instruments and theater props, among other related losses. This project repairs damaged facilities when possible and replaces irreparable facilities and equipment.

#### Benefit

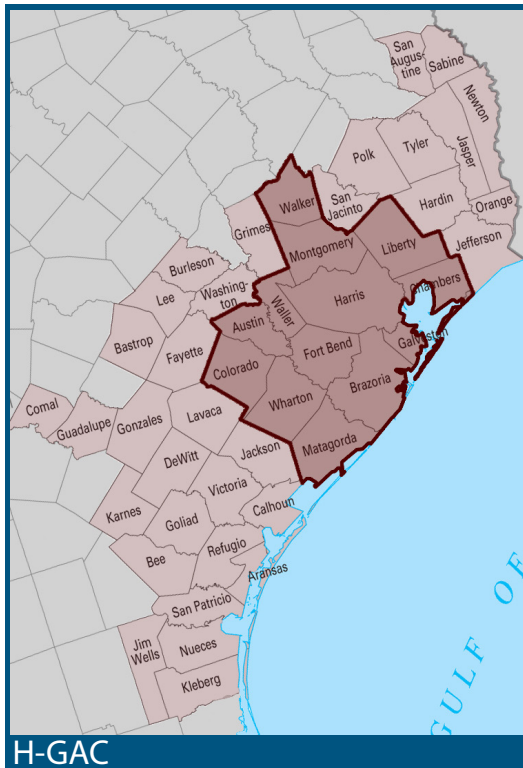
This project repairs/replaces facilities rendered unusable and returns those facilities to educational and administrative use, allowing 36 staff to return to permanent office space and numerous students at the Tidwell campus to resume educational, fine arts, and athletic activities, which will help them regain a sense of normalcy following Hurricane Harvey.

#### Return on Investment

A \$5.2 million investment in Rhodes School facilities will restore buildings and contents, enabling students, teachers, and staff to resume educational, fine arts, and athletic activities. This will support students' return to education and normalcy and aid the community's physical and social recovery. Further, this investment will add 10 new jobs (FTEs).

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## City of Simonton



### Residential Structure Elevation and Demolition

Estimated Cost

**\$10,000,000**

Proposed Funding Source  
**SBA -Disaster Loans**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**22**

#### Description

Financial assistance to elevate pre-FIRM residential structures that have flooded twice in the last 15 months.

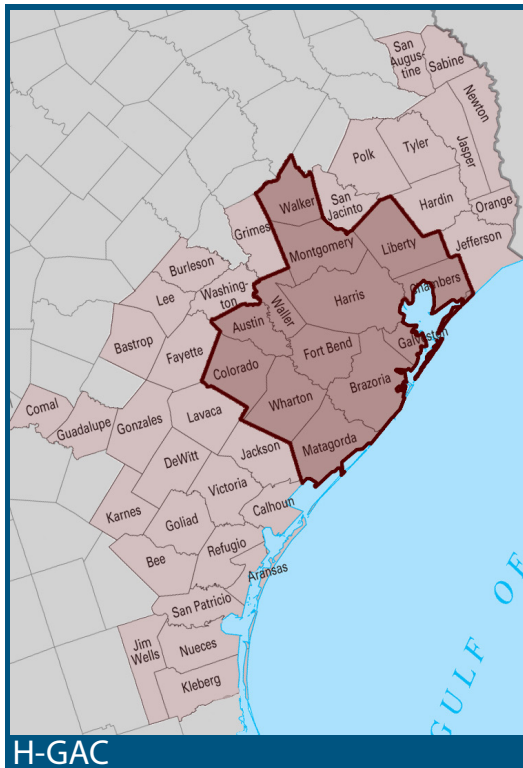
#### Benefit

This project will help provide financial assistance to allow 150-200 pre-FIRM homeowners to either demolish their existing home and rebuild one that meets current FEMA and NFIP regulations or to elevate their current structure to meet those regulations.

#### Return on Investment

This \$10M project will help elevate and demolish 150 - 200 homes that have flooded twice in the last 15 months.

## City of Wharton



### Business Assistance

Estimated Cost

**\$57,725,752**

Proposed Funding Source

**SBA -Disaster Loans**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**27**

Provide assistance to small businesses that were flooded to allow them to reopen their businesses.

### Description

The City of Wharton is requesting these funds to assist businesses who have been hurt by Hurricane Harvey. These funds are intended to help businesses reopen while the city rebuilds itself.

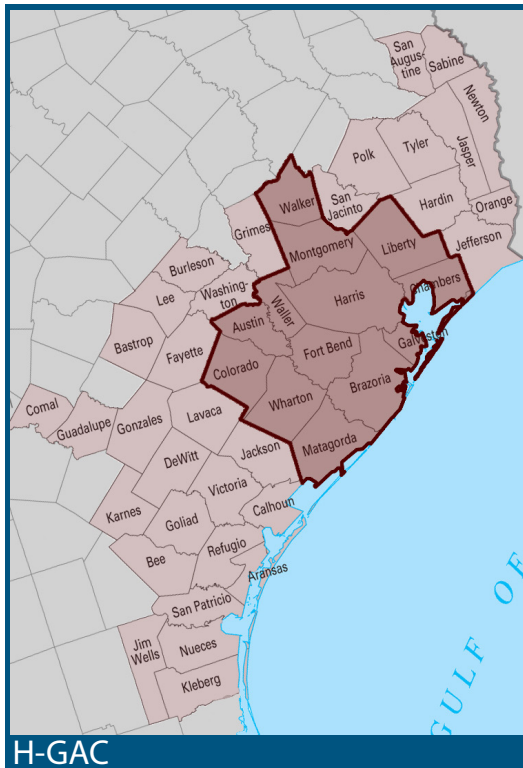
### Benefit

### Return on Investment

This \$57.7 million investment will add 119 new jobs and allow the businesses affected by Hurricane Harvey to reopen. It is impossible to maintain steady businesses right now because the town has been so badly impacted by the hurricane and flood.

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## City of Baytown



H-GAC

### Baytown High-Water Vehicles

Estimated Cost

**\$250,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**FEMA-DRF**

Congressional District(s)  
**36**

#### Description

Purchase 12 military surplus 2.5 and 5 ton trucks for City of Baytown emergency responders to use in high water rescue, evacuation, and law enforcement. Additional equipment needed include; exterior lighting, lighting in cargo area, handheld radios with chargers, and personal floatation devices. 10' flat bottom boats for ferrying evacuees and one stair chair for each.

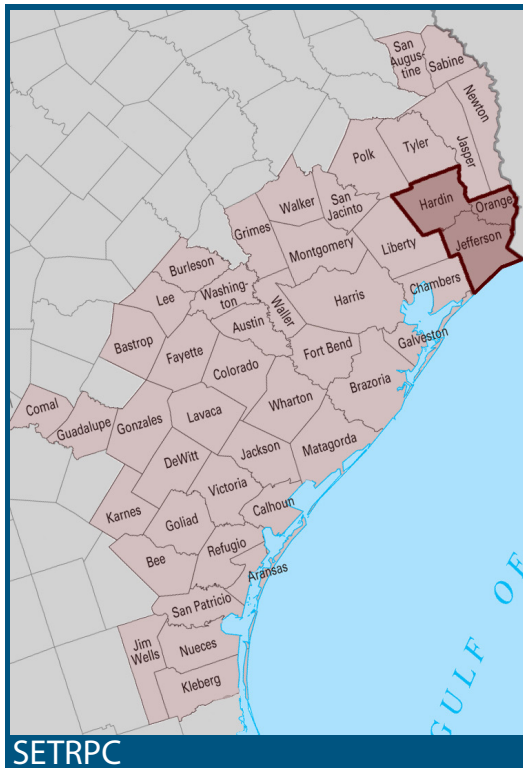
#### Benefit

The purchase of high water vehicles would allow first responders the opportunity to reach survivors much faster and also be able to operate longer with less down time.

#### Return on Investment

The investment of \$250,000 for the purchase of critical high-water rescue and evacuation platforms will ensure emergency responders can serve the local populace during emergency response. During rescue operations, time is valuable and the ability to reach more citizens in less time will ultimately prove to save lives.

## City of Bevil Oaks



### Bevil Oaks City Hall

Estimated Cost

**\$300,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

Rebuild Bevil Oaks city hall with current hazard mitigation protections.

#### Description

The rebuilding of Bevil Oaks City Hall with hazard mitigation protections will ensure the future functionality of this required facility during emergency / disaster response.

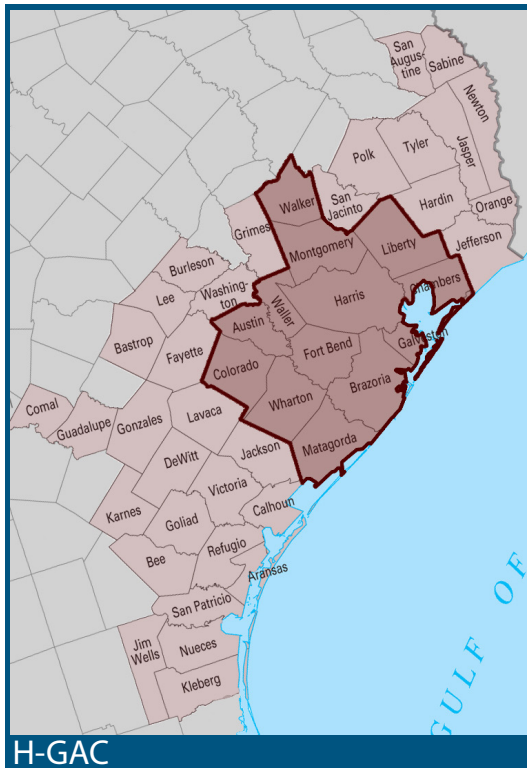
#### Benefit

#### Return on Investment

This investment of \$300,000 will help to restore critical city services to the citizens of Bevil Oaks as well as support modernization of the city's emergency functions.



## Harris County Engineering



### Harris County Buildings

Estimated Cost

**\$115,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**2, 36, 10, 18, 29, 7, 9, 8, 22**

Repair and remediation of 113 county buildings damaged due to Hurricane Harvey. Besides remediation and repairs to our buildings, mitigation will be an integral part of the recovery process to reduce damage from future storm events.

### Description

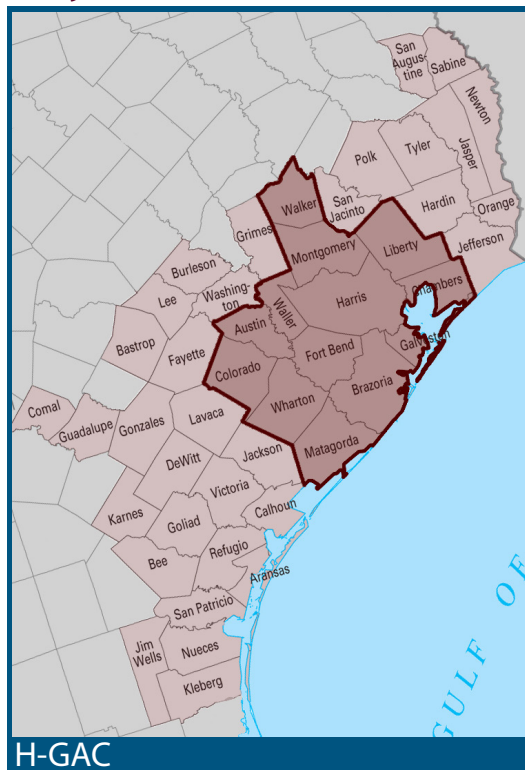
Repairs to Harris County buildings are integral to the recovery process in terms of revenue generation and community services. Construction improvements will reduce damage from future storms.

### Benefit

### Return on Investment

The \$115 million project will rebuild Harris County buildings damaged by Hurricane Harvey to restore county services and will create 237 new jobs.

## City of Houston



### Houston City FEMA PA Local Cost Share

Estimated Cost

**\$500,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**18, 2, 9, 29, 7, 36, 22**

### Description

Provide assistance with local cost share requirement for FEMA PA. The city is anticipating more than \$5B in FEMA PA grants from Harvey. The local cost share will be 10%.

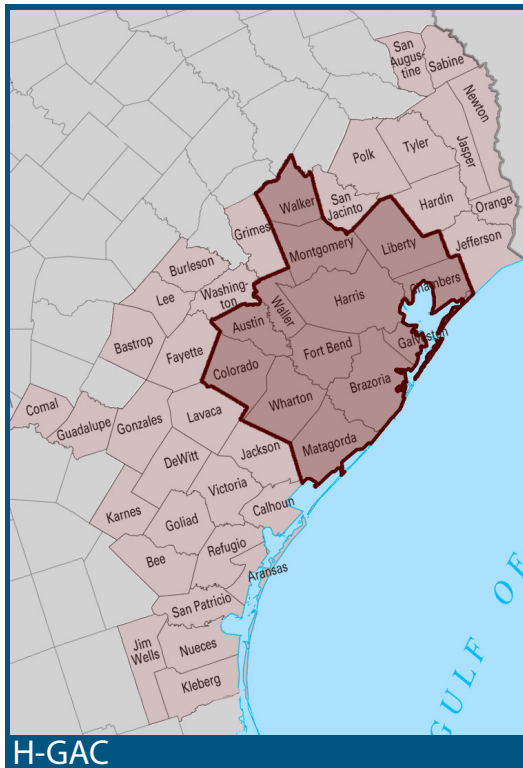
### Benefit

The cost share requirements for eligible reimbursements for the Houston City will far exceed their available reserves and further impact their financial stability. Funding to cover their required cost share will enable the city to continue to perform other important and necessary functions and prevent other potential risk to the city's financial rating and capabilities.

### Return on Investment

This \$500 million grant will protect the financial rating of the City of Houston and support their ability to quickly recover from Hurricane Harvey to regain the important economic position they hold for the State of Texas and the nation.

## City of Manvel



### Manvel City Municipal Complex

Estimated Cost

**\$30,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**22**

### Description

Rebuild the flooded Manvel City Hall, Emergency Operations Center, police station and 9-1-1 dispatch, library, and community center outside floodplain.

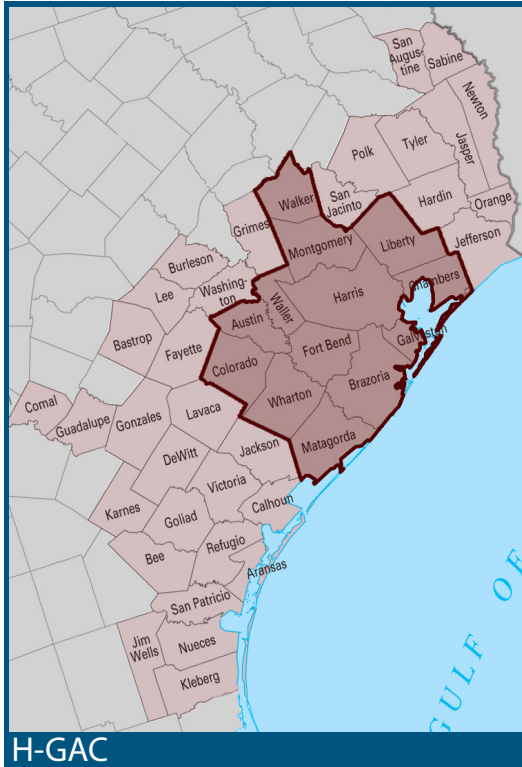
### Benefit

These repairs and improvements will allow the City of Manvel to resume normal city services to its citizens and tourists.

### Return on Investment

This investment of \$30 million will not only help to restore essential services to the citizens of Manvel but will also help to update and modernize emergency equipment. Further, this investment will add 62 new jobs (FTEs).

## Missouri City



### Missouri City Emergency Preparedness

Estimated Cost

**\$525,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**FEMA-DRF**

Congressional District(s)  
**9, 22**

Missouri City is requesting funds to purchase high water rescue vehicles.

#### Description

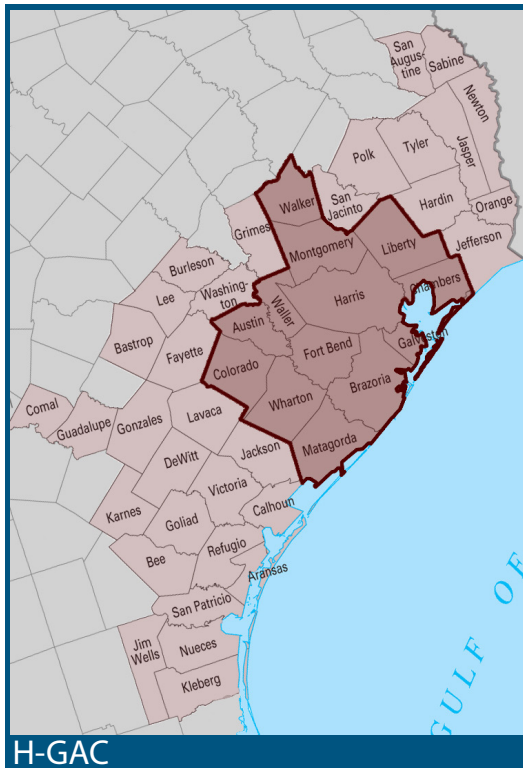
These high water rescue vehicles will allow first responders to reach flood victims more easily.

#### Benefit

#### Return on Investment

This \$525,000 investment will help Missouri City first responders reach more people in perilous situations.

## Montgomery County



### Montgomery County Public Safety Communication Tower

Estimated Cost

**\$2,500,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**8**

#### Description

Public Safety communication tower (inclusive of shelter and equipment). Seeking assistance with property acquisition and purchase of replacement equipment and tower (inclusive of engineering costs and installation).

#### Benefit

This replacement equipment and new communication tower and property will improve Montgomery County's emergency response in future disasters.

#### Return on Investment

This \$2.5 million investment will not only help restore Montgomery County's emergency response to its previous state, but will also help them improve communications and response capabilities.

## City of Palacios



### Palacios Relocation of Police Station & Jail

Estimated Cost

**\$3,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**27**

#### Description

Police station and jail flooded during Hurricane Harvey; the city wishes to relocate operations to land owned by the city out of the floodplain and construct an Emergency Operations Center inside of the police station.

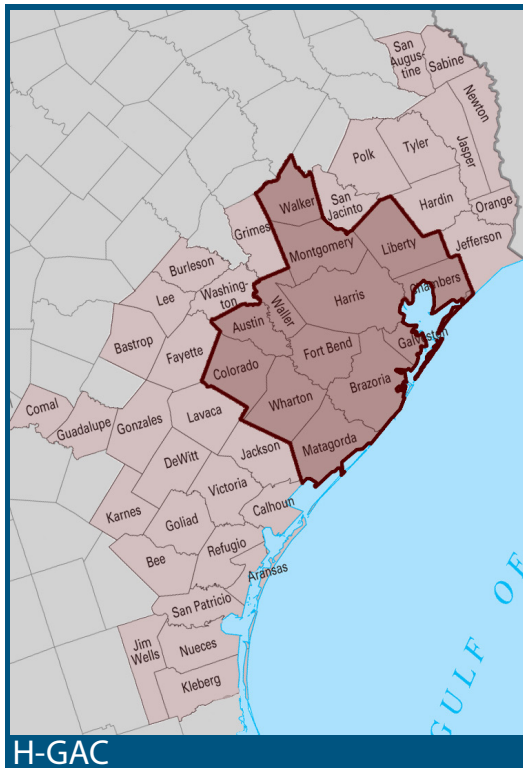
#### Benefit

By relocating the police station and jail and constructing a better-located EOC, Palacios will be better able to respond to future emergencies.

#### Return on Investment

This \$3 million investment will help improve Palacios police emergency response services because they can focus all of their activities and attention on helping citizens during disasters.

## City of Pearland



### City of Pearland Wastewater Treatment Plant Flow Diversion and Sanitary Sewer Lift Station Hazard

Estimated Cost

**\$80,000,000**

Proposed Funding Source  
Economic Development

Other Possible Funding Sources  
CDBG-DR, SBA

Congressional District(s)  
22

### Description

Build a regional lift station to divert the wastewater from the current facility in the floodplain to the better-located Barry Rose plant. Increase capacity and retrofit pumps and electrical systems at the Barry Rose plant.

### Benefit

This project would eliminate the need to repair the plant located in the floodplain and risk continuous future repair after flood events, and add capacity to the Barry Rose Plant for diverted flows and provide resiliency for future storms.

### Return on Investment

This Wastewater Treatment Plant was flooded during Hurricane Harvey and other major rainfall events. This \$80M project provides an alternative to spending approximately \$20M to re-build the plant within the 100 and 500 year floodplain and risking future repair needs and prevent sewage flow during future flooding events.



## City of League City



### League City PWKs Facilities

Estimated Cost

**\$7,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14, 22**

Mitigate infrastructure losses by repair or hardening: PWKs Bldg. hardening \$2.0M; Essential Staff Facility \$2.5M; Vehicle Protection Bldg. \$2.5M.

### Description

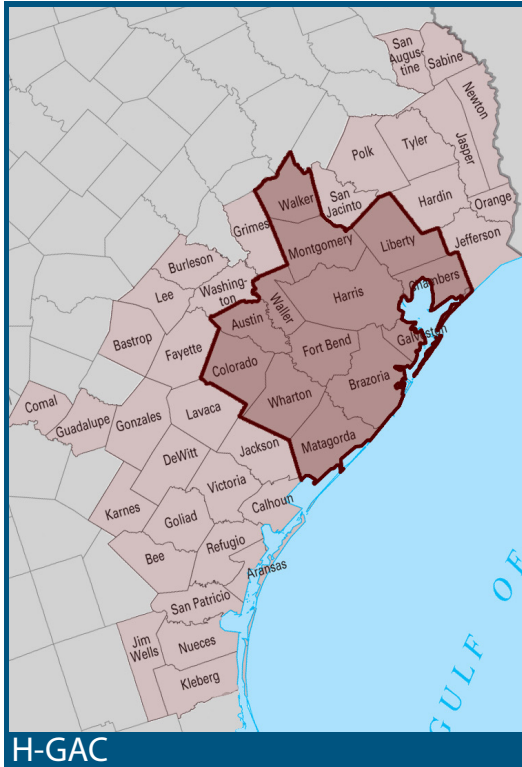
These repairs and improvements will allow League City to provide essential services to its citizens. Hardening of facilities will help mitigate future storm damages to structures and essential equipment.

### Benefit

### Return on Investment

This \$7 million investment in repairs and improvements will allow League City to provide essential services to its citizens. Hardening of facilities will help mitigate future storm damages to structures and essential equipment. Further, this investment will add 14 new jobs (FTEs).

## City of League City



### League High Water Rescue Fleet

Estimated Cost

**\$1,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14, 22**

Provide high water capable vehicles to first responders inventory.

#### Description

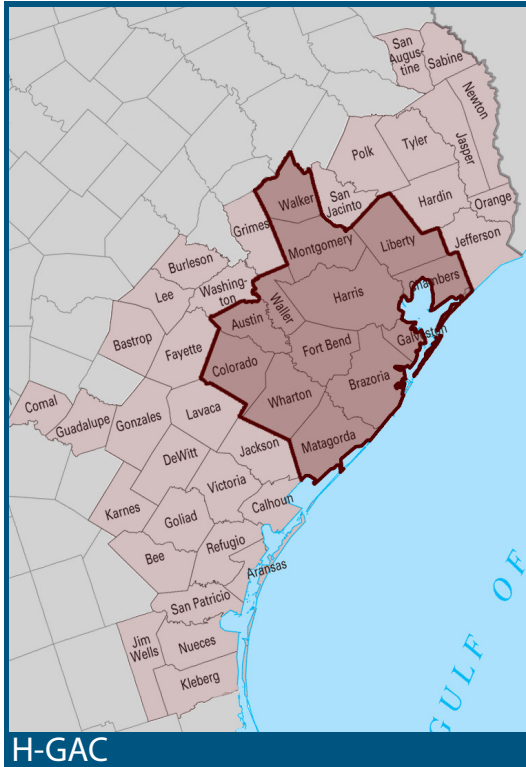
This equipment will improve League City's emergency response to future disasters.

#### Benefit

#### Return on Investment

This \$1 million investment will improve League City's emergency response capabilities.

## Brazoria County Sheriff Office



### Brazoria County Sheriff Search and Rescue Truck

Estimated Cost

**\$200,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14, 22**

Purchase high profile trucks (2) - 4 wheel drive for high-water search, rescue and evacuation work - (\$100,000/each).

#### Description

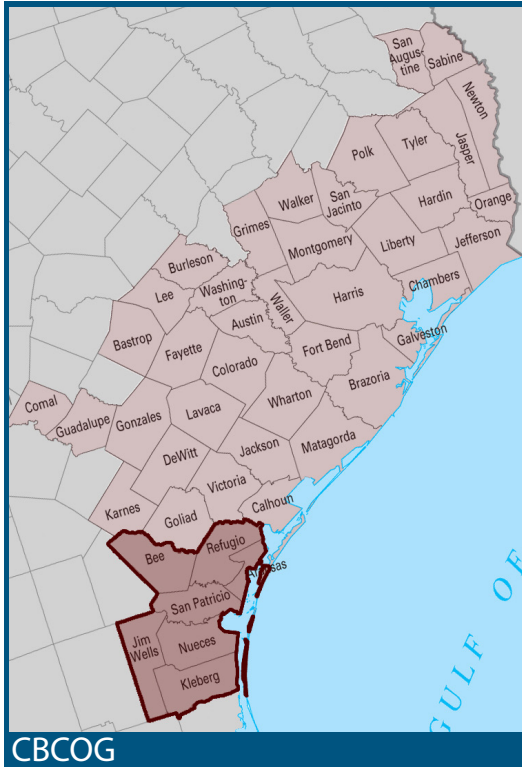
#### Benefit

The purchase of high profile, high-water vehicles would allow first responders the opportunity to search for and reach survivors much faster and the ability operate longer with less down time.

#### Return on Investment

The investment of \$200,000 for the purchase of critical high-water rescue and evacuation vehicles will afford emergency responders the ability to serve the local populace more efficiently during emergency response times.

## Refugio County



### Refugio County Facilities

Estimated Cost

**\$17,500,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**27**

#### Description

Refugio County Courthouse received significant structural damage as a result of wind damage. Repair/replace damages to Refugio County Courthouse and annex buildings.

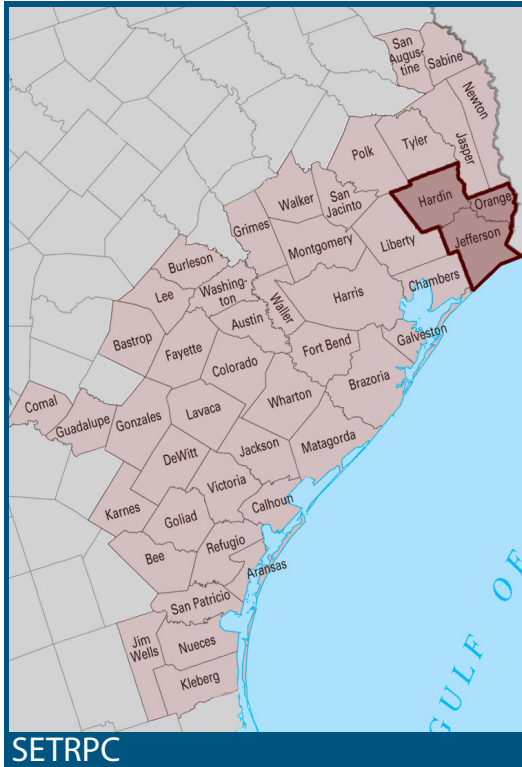
#### Benefit

These repairs and improvements will allow Refugio County governmental functions to resume normal services to its citizens.

#### Return on Investment

This investment of \$17.5 million will create 36 new jobs (FTEs) and restore fundamental government services to Refugio County citizens while providing for necessary accessibility improvements and modernization to the courthouse and associated office buildings.

## Hardin County



### Hardin County Fire Department

Estimated Cost

**\$8,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**36**

Replacement of Fire Apparatus/Equipment lost in floods (ESD 1, ESD 2, ESD 5 and ESD 6). Generators, LP tanks, auto transfer switches for ESDs.

#### Description

The replacement of the fire response equipment will restore the ability of fire departments to provide for the citizens fire protection.

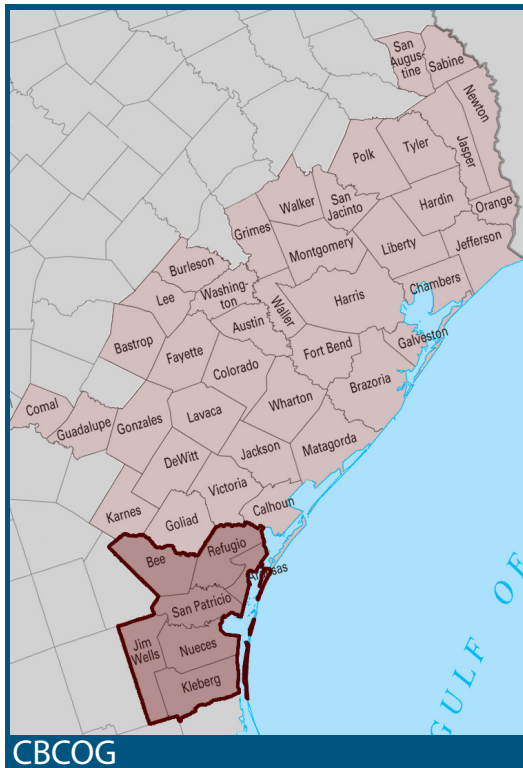
#### Benefit

#### Return on Investment

This investment of \$8 million will not only help to restore services to the citizens of Hardin County but will also help to update and modernize its services. In turn, Hardin County will be more resilient against future disasters. Further, this investment will add 16 new jobs (FTEs).

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## Aransas County



### Aransas County Road Project

Estimated Cost

**\$13,090,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**27**

#### Description

Repair roads, culverts, asphalt, and signage in Aransas County, City of Rockport and Town of Fulton

#### Benefit

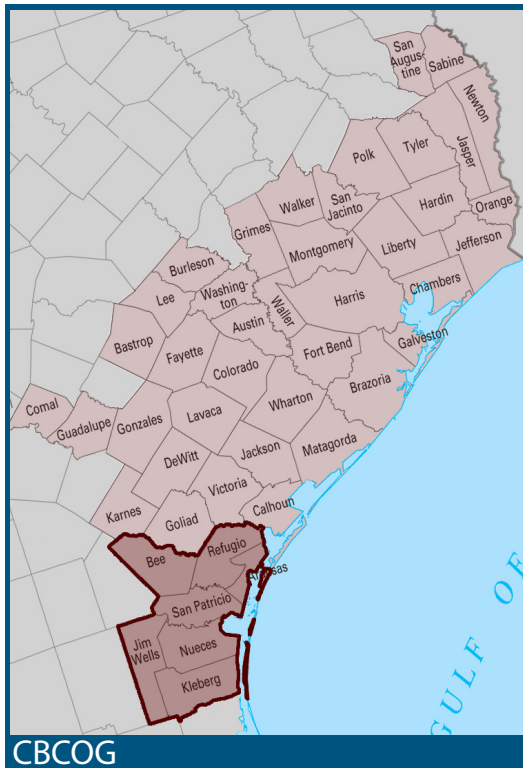
The repairs will ensure that all roads and culverts effectively drain water, and proper signage is erected to act as safety alerts for those citizens' and tourists that will be traveling through the area.

#### Return on Investment

These roads, culverts, asphalt, and signs were damaged during Hurricane Harvey and are essential to the function and safety of the county, its residents and travelers. This \$13,090,000 project will help eliminate negative contributing impacts of the hurricane upon the local community.



## City of Aransas Pass



### Aransas Pass Road Repair Project

Estimated Cost

**\$3,500,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FEMA-DLP**

Congressional District(s)  
**27**

Repair road and drainage failures due to storm system washouts at various locations around Aransas Pass such as Highland Ave., S. 13th, N. McCampbell, S. Nelson, etc.

#### Description

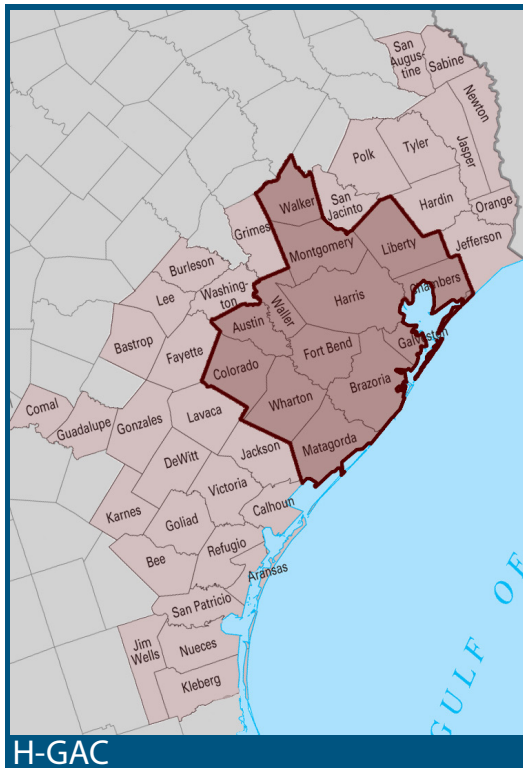
Repair roads so that citizens will have safe thoroughfares upon which to travel; improve drainage so that it will be effective in future storm events.

#### Benefit

#### Return on Investment

Drainage failures occurred during recent floods due to Hurricane Harvey. This \$3,500,000 project will eliminate the contributing impact of flooding during heavy rain events in the future.

# City of Arcola



# City of Arcola Street Repairs Project

## Estimated Cost

\$330,000

## Proposed Funding Source

## Transportation Infrastructure

## Other Possible Funding Sources

## CDBG-DR

Congressional District(s)

22

## Description

Reconstruct streets that were under construction within the City of Arcola due to Hurricane Harvey flooding. Water got into existing unconstructed roadways and caused potholes and ruts.

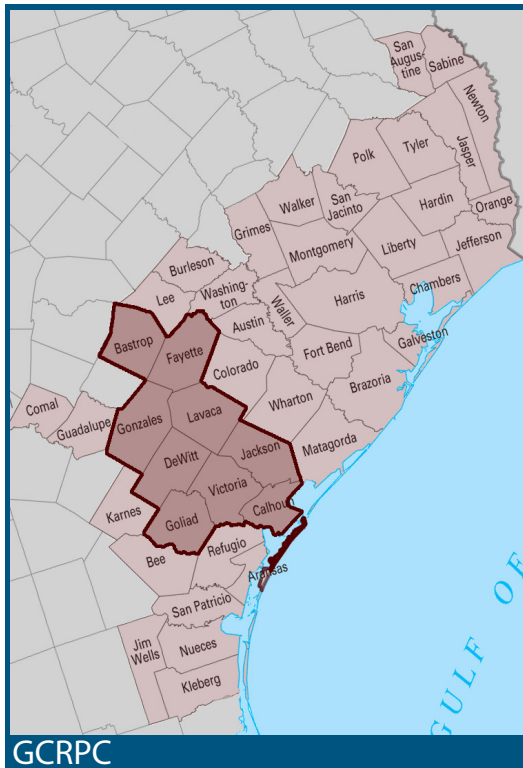
## Benefit

This project would help repair damage to roadways and complete construction which will provide safe streets for city residents to use; potholes and ruts could cause automobile damage.

## Return on Investment

Streets were flooded and damaged due to flooding related to Hurricane Harvey. This \$330,000 street construction and repair project will eliminate the contributing impacts of the flooding and allow for more unrestricted travel within the city.

## Bastrop County



### Bastrop County Bridge Project

Estimated Cost

**\$500,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**10, 27**

#### Description

Repair to Hector Road Bridge that runs over the Gravelly Creek, which is currently closed and structurally deficient following Hurricane Harvey.

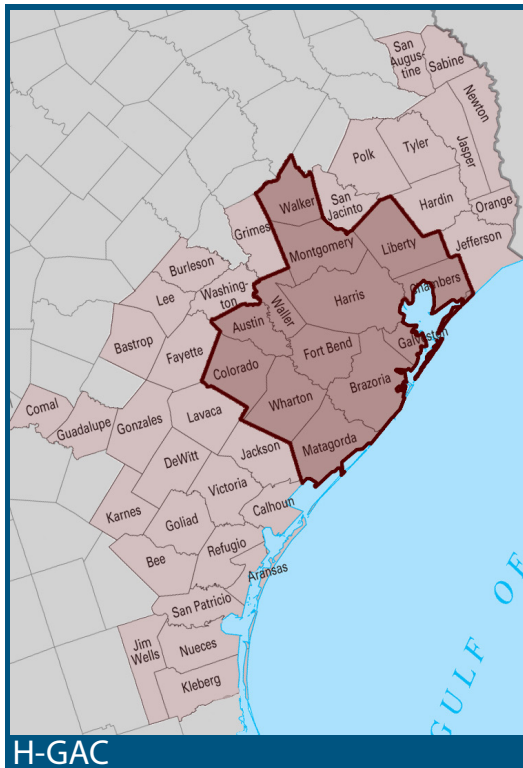
#### Benefit

Restoring Hector Road Bridge will give the citizens of Bastrop County a safe and sturdy bridge to use as a thoroughfare from the east of the county to Smithville and Bastrop. Repair will allow it to be reopened to traffic.

#### Return on Investment

This \$500,000 project involving the repair and reopening of the Hector Road Bridge will mitigate the harmful effects of Hurricane Harvey and will help to restore automobile traffic in Bastrop County.

## City of Baytown



### City of Baytown Cedar Bayou Extension

Estimated Cost

**\$40,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**FEMA-DRF**

Congressional District(s)  
**36**

#### Description

The City of Baytown will extend the paved road as an alternate crossing over Cedar Bayou in order to provide residents on east side of Cedar Bayou with the ability to evacuate in the event of a natural or man-made disaster.

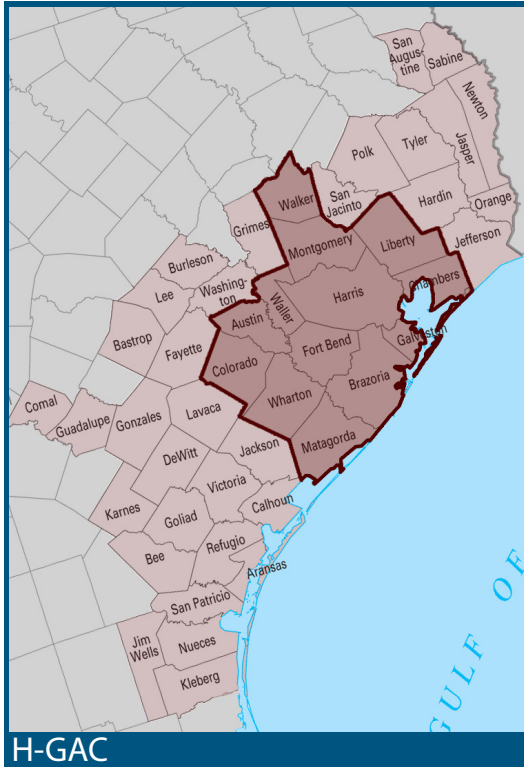
#### Benefit

Extending the road as an alternate crossing of Cedar Bayou will allow residents on the east side of the city to evacuate from their homes in the event of disaster, such as the recent Hurricane Harvey.

#### Return on Investment

Currently, residents of the east side of Cedar Bayou need an alternate evacuation route in the event of disaster. This \$40,000,000 project will allow residents to more effectively evacuate during future disasters such as Hurricane Harvey.

# City of Columbus



# City of Columbus Street and Drainage Repair Project

## Estimated Cost

\$1,500,000

Proposed Funding Source  
Transportation Infrastructure

## Other Possible Funding Sources

### CDBG-DR, FEMA-DLP

Congressional District(s)  
10

## Description

Repairs to damaged streets and storm sewer outfalls in the City of Columbus.

## Benefit

This project will allow for repairs to damaged streets, giving citizens safe roads upon which to drive. Repairs to storm sewer outfalls will allow for effective waste and stormwater removal.

## Return on Investment

This \$1,500,000 project will restore streets and storm sewer outfalls in Columbus, mitigating damages that the city incurred during recent flooding related to Hurricane Harvey.

## City of Dickinson



### City of Dickinson Roadway and Drainage Project

Estimated Cost

**\$36,360,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

Repairs to roadways and drainage in Area 6, West Dickinson Area, south of FM 517 to Dickinson Bayou, and east of Cemetery Road to IH-45 due to major flooding relating to Hurricane Harvey.

#### Description

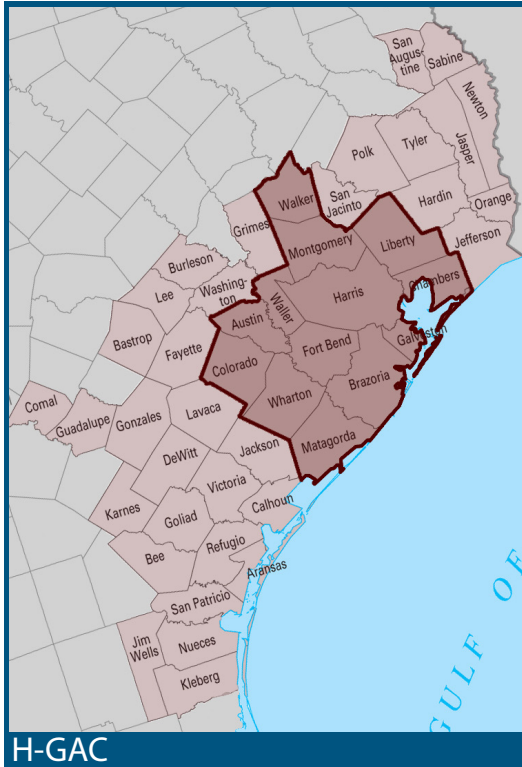
Repairs to roadways will give citizens safe thoroughfares upon which to travel. Repairs to drainage will allow for proper runoff of stormwater and sewage.

#### Benefit

#### Return on Investment

This \$36,360,000 project will repair damages to roadways and drainage areas in the City of Dickinson which are a result of major flooding during Hurricane Harvey.

## Fort Bend County



H-GAC

### Fort Bend County McCrary Road Extension

Estimated Cost

**\$172,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**22, 9**

#### Description

The proposed project would include a four-lane divided concrete boulevard beginning at the intersection of FM 762 and US-90A and a new bridge crossing the Brazos River near Richmond-Foster Road, then continuing north to SH 99. The proposed bridge would span 1,200 feet and would include four lanes with shoulders and pedestrian facilities.

#### Benefit

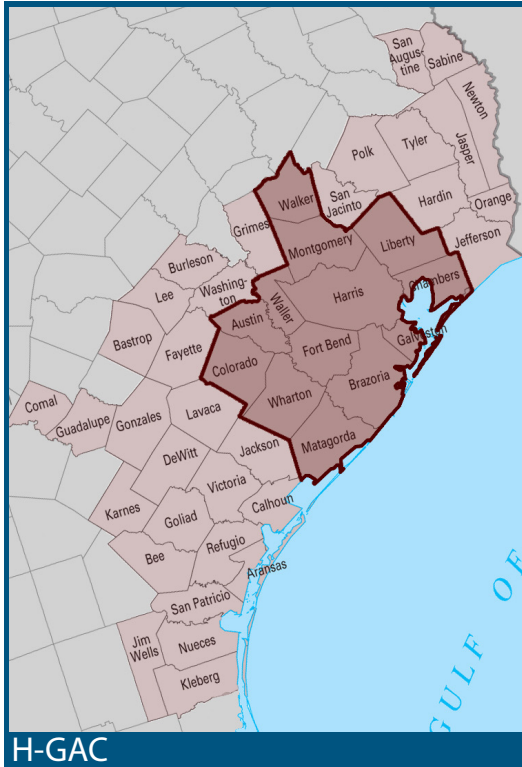
The new four-lane divided concrete boulevard and bridge crossing the Brazos River would allow for evacuation routes for Fort Bend County residents.

#### Return on Investment

This \$172,000,000 project would provide new evacuation routes and a bridge crossing the Brazos River, which has the potential to flood, mitigating any future flooding disasters.



## Fort Bend County



### Fort Bend County San Bernard Bridge Elevation

Estimated Cost

**\$80,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**22, 9**

#### Description

Project to elevate the bridge to prevent it from being flooded by the San Bernard River. The bridge at 90A/San Bernard River became impassible during recent floods due to high water from the river, thus cutting off an evacuation route.

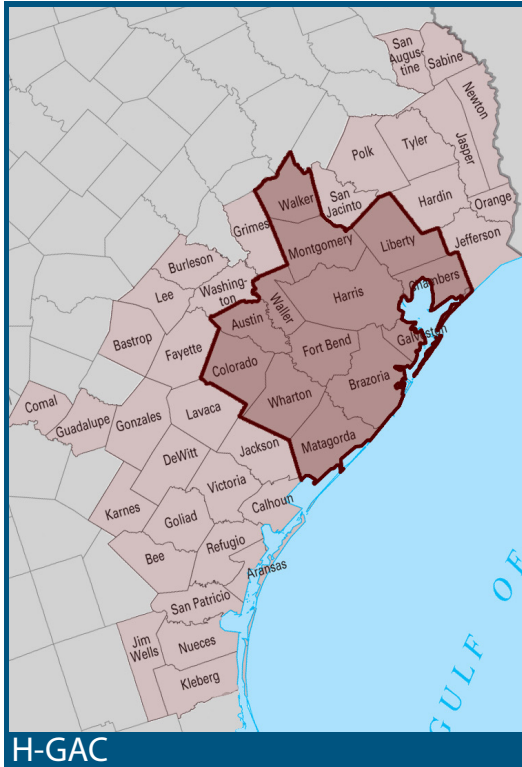
#### Benefit

This project would ensure that the bridge at 90A/San Bernard River does not become flooded and cut off an evacuation route for citizens of Fort Bend County during future disasters.

#### Return on Investment

This \$80,000,000 project will ensure that a crucial evacuation route along 90A/San Bernard River does not become flooded and stays open for the use of Fort Bend County residents.

## Fort Bend County



### Fort Bend County FM 1093 Elevation Project

Estimated Cost

**\$75,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**22, 9**

#### Description

This project raises the FM1093 roadway, a principal route for evacuation and first responder mobility. Sections of FM 1093 became impassable during Hurricane Harvey river flooding events. Elevation will reduce flooding and facilitate resident evacuation and timely first-responder mobility during future disasters.

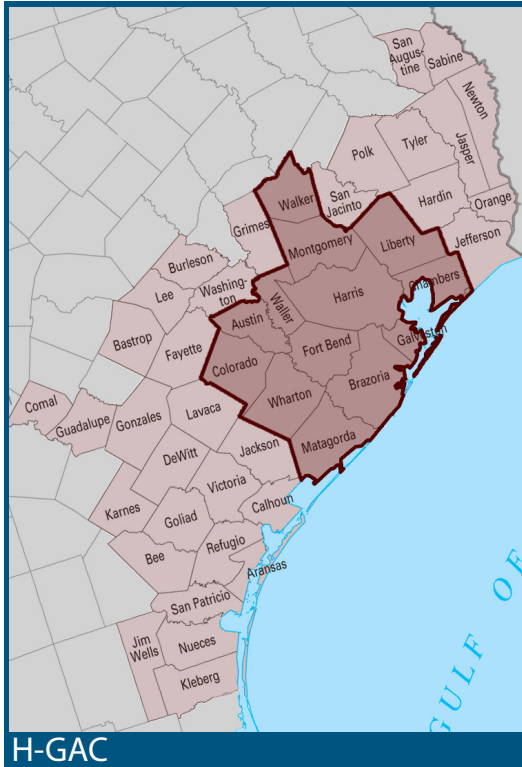
#### Benefit

This project will raise FM 1093 to prevent the flooding that occurred during Hurricane Harvey, causing this road to become impassable. The road is a principal evacuation route and is heavily used by first responders.

#### Return on Investment

This \$75,000,000 project will ensure that the travel of first responders and evacuees is not impeded by FM 1093 becoming impassable due to river flooding.

## Fort Bend County



### Fort Bend County FM 359 Segment 1 Project

Estimated Cost

**\$27,840,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**22, 9**

#### Description

This project raises sections of the FM 359 corridor between US 90A and Mason Road that become impassable during river flood events. This corridor forms a principal north-south route for evacuations and first responders. Raising the roadway will reduce the flooding and improve mobility during disasters.

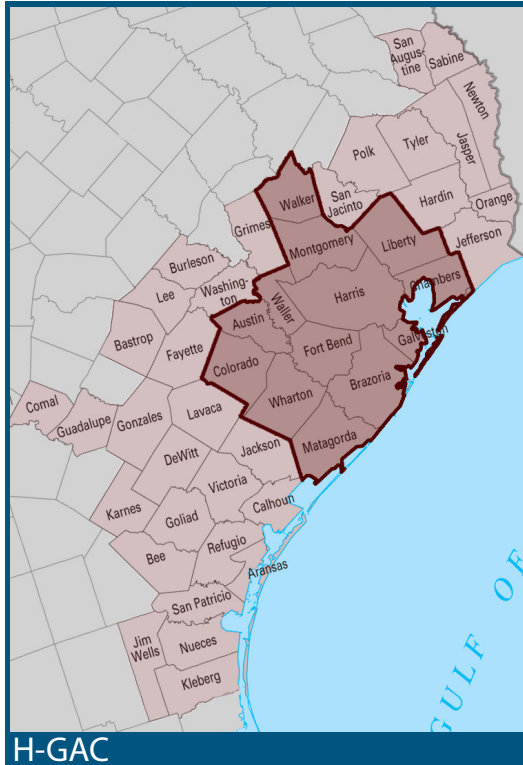
#### Benefit

This project will raise the FM 359 corridor to prevent the road from becoming impassable during river flooding events, improving mobility for evacuees and first responders.

#### Return on Investment

This \$27,840,000 project will benefit Fort Bend County by ensuring that the FM 359 corridor does not become impassable due to river flooding events, impeding the passage of evacuees and first responders.

## Galveston County



### Galveston County Roadway Infrastructure Project

Estimated Cost

**\$15,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

#### Description

This project will mitigate chronic flooding along FM 518 - Wesley; Walker - SH 96; Walker - SH 3; FM-646 - Bay Colony; and IH-45 - Clear Creek, each of which flooded during Hurricane Harvey. Ensuring these roads are passable will improve evacuation and first responder mobility.

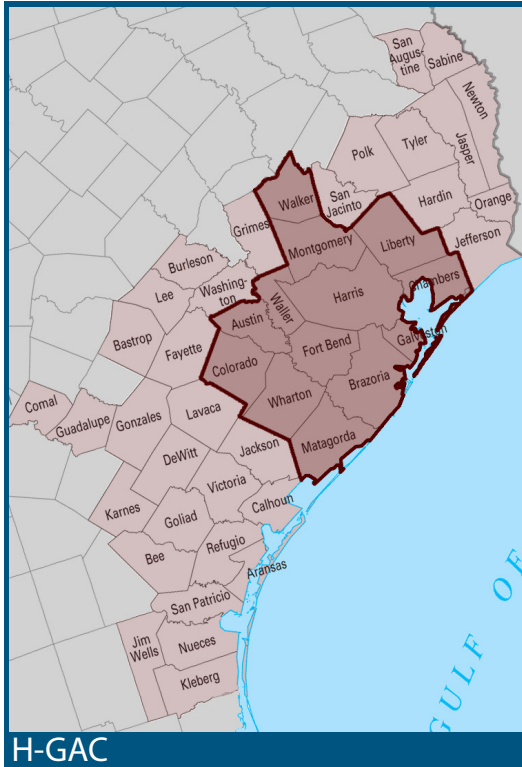
#### Benefit

Mitigating chronic flooding along these roadways will assist in ensuring that Galveston County residents have passable roadways and that citizens can evacuate and first responders can get through.

#### Return on Investment

This \$15,000,000 project will mitigate chronic flooding on Galveston County roadways, ensuring that citizens of the county have passable roads and are able to evacuate in the event of flooding disasters.

## Galveston County



H-GAC

### Galveston County Pelican Island Bridge Project

Estimated Cost

**\$12,125,000**

Proposed Funding Source

**Transportation Infrastructure**

Other Possible Funding Sources

**CDBG-DR, FEMA-DLP**

Congressional District(s)

**14**

#### Description

This project will replace the Pelican Island Bridge connecting the Pelican Island Causeway in Galveston with the Wolf, the principal route to access Pelican Island, home of Texas A&M University-Galveston and other homes and businesses, from Galveston.

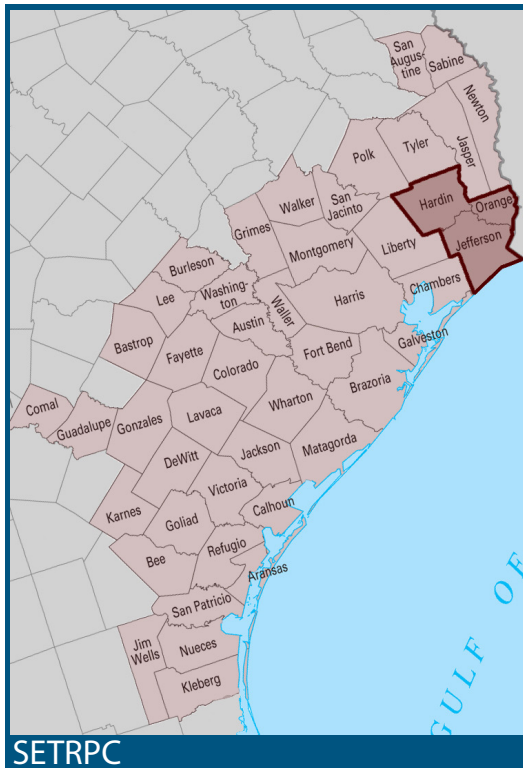
#### Benefit

The Pelican Island Bridge is currently functionally obsolete and this project will replace the bridge.

#### Return on Investment

This \$12,125,000 project will replace the functionally obsolete Pelican Island Bridge, benefiting the Galveston County economy and residents' and students' safety in accessing this principal roadway to the island.

## City of Groves



### City of Groves Failed Roadways Reconstruction Project

Estimated Cost

**\$5,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FEMA-DLP**

Congressional District(s)  
**14**

#### Description

This project improves City of Groves roadway segments measuring approximately 14.5 miles which are rated poor and have failed during recent flooding events. The roadways will be repaired to function properly.

#### Benefit

The project will improve sections of City of Groves roadways that have been rated "poor" and do not function properly in order to improve mobility and reliability during weather events.

#### Return on Investment

This \$5,000,000 project will improve City of Groves roadways which have been poorly rated and will improve them so that they function properly to improve mobility and reliability during weather events.



## Harris County Engineering



### Harris County Engineering Project

Estimated Cost

**\$27,000,000**

Proposed Funding Source

**Transportation Infrastructure**

Other Possible Funding Sources

**CDBG-DR, FEMA-DLP**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

### Description

In Harris County, 190 roads and bridges have been reported damaged. With some of the substructures being inundated with water for an extended period of time, damage has been significant.

### Benefit

Repairing damaged roads and bridges will benefit Harris County by ensuring that citizens have useful and proper thoroughfares upon which to travel. Harris County roads and bridges have sustained significant damage from Hurricane Harvey.

### Return on Investment

This \$27,000,000 project will repair roads and bridges in hard-hit Harris County, mitigating the significant damage from Hurricane Harvey.



## City of Iowa Colony



### City of Iowa Colony Pursley Road Improvements Project

Estimated Cost

**\$2,310,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FEMA-DLP**

Congressional District(s)  
**22, 14**

This project replaces 2.28 miles of Pursley Road flooded during Hurricane Harvey at a cost of \$1.014 million per mile.

#### Description

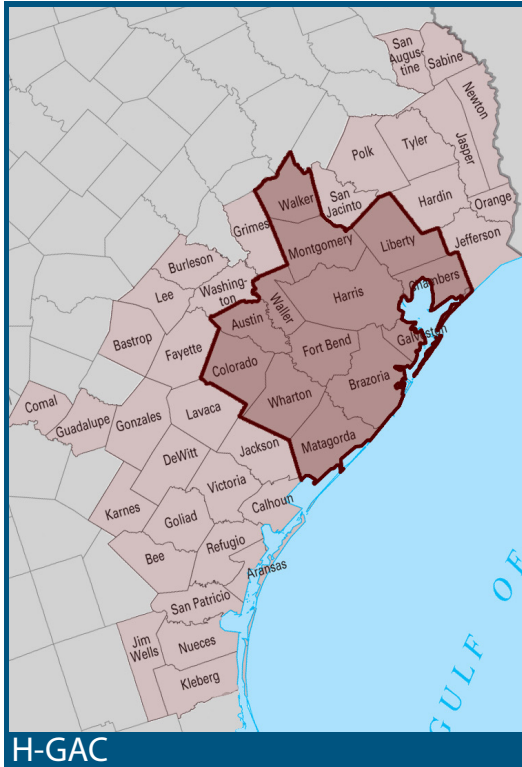
Section of road damaged due to flooding from Hurricane Harvey will be replaced, giving citizens of Iowa Colony a safe road upon which to drive.

#### Benefit

#### Return on Investment

This \$2,310,000 project will mitigate damages to Pursley Road in Iowa Colony sustained during Hurricane Harvey.

## City of Iowa Colony



### County Road 48W Bridge Project

Estimated Cost

**\$500,000**

Proposed Funding Source

**Transportation Infrastructure**

Other Possible Funding Sources

**CDBG-DR, FHWA-ER**

Congressional District(s)

**22, 14**

#### Description

This project will replace existing timber bridge on County Road 48 W at Hayes Creek that sustained damage by Hurricane Harvey (100 LF @ \$5,000/LF).

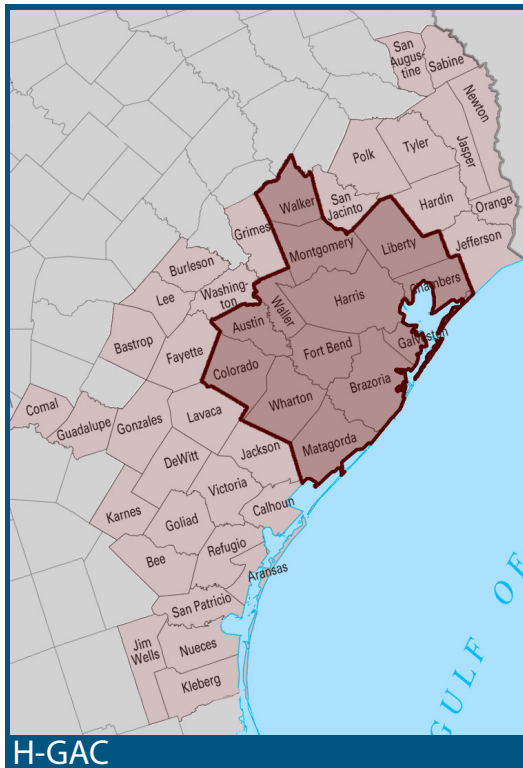
#### Benefit

Replacement of bridge sustaining damage during Hurricane Harvey will mitigate damages and give Iowa Colony residents a safe thoroughfare upon which to travel.

#### Return on Investment

This \$500,000 project will mitigate damage to bridge sustained during Hurricane Harvey and improve transportation safety.

## City of Iowa Colony



### City of Iowa Colony County Road 62W Bridge Project

Estimated Cost

**\$500,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**22, 14**

#### Description

This project will replace the existing timber bridge on County Road 62 at Hayes Creek damaged by Hurricane Harvey (100 LF @ \$5,000/LF).

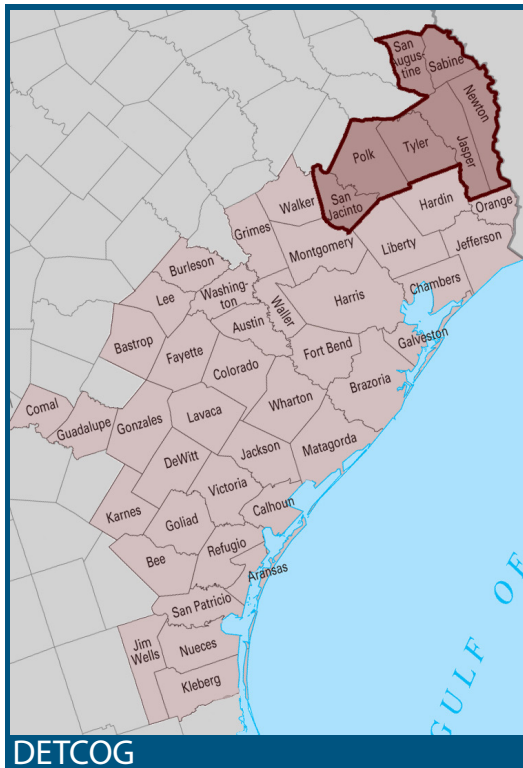
#### Benefit

Replacement of bridge that sustained damage during Hurricane Harvey will mitigate damages and give Iowa Colony residents a safe thoroughfare upon which to travel.

#### Return on Investment

This \$500,000 project will mitigate damage to bridge sustained during Hurricane Harvey and improve transportation safety.

## Jasper County



DETCOG

### Jasper County Road, Bridge & Drainage Repair Project

Estimated Cost

**\$28,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**36**

#### Description

This project undertakes major county road, bridge and drainage repairs throughout Jasper County particularly in Precincts 1, 3, and 4 along the heavily flooded Angelina and Natchez River corridors, including mitigation projects to prevent future flood damage and to provide safe passage for emergency responders.

#### Benefit

The project will repair roads, bridges, and drainage throughout Jasper County and will prevent future flood damage and allow for safe passage for emergency responders in Jasper County following historically high flooding from Hurricane Harvey with roads underwater for an extended time.

#### Return on Investment

This \$28,000,000 project will repair damages and mitigate future flooding stresses on major county roads, bridges, and drainage systems in Jasper County.

Congressional District(s)  
10, 22

Remove existing bridge with wooden supports, construct a concrete bridge with raised approaches to allow for improved drainage and water flow as well as prevent future damage to the roadway.

## Description

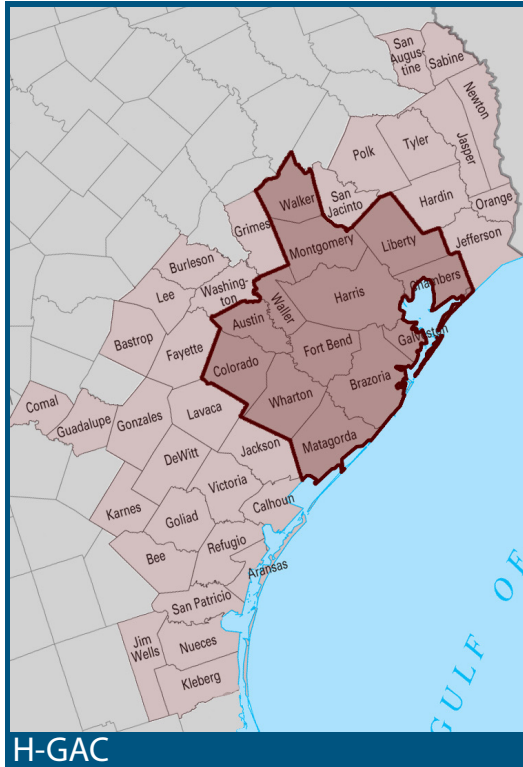
This project will allow for improved drainage and will prevent future flooding in the Victoria Lakes subdivision.

## Benefit

## Return on Investment

This \$1,025,430 project will construct a new concrete bridge with raised approaches to allow for improved drainage and to prevent future flooding and property loss.

## Liberty County



### Liberty County CR 2307 Bridge Project

Estimated Cost

**\$300,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**36**

#### Description

This project will mitigate erosion at bridge on County Road 2307 that runs over Gator Creek in Liberty County.

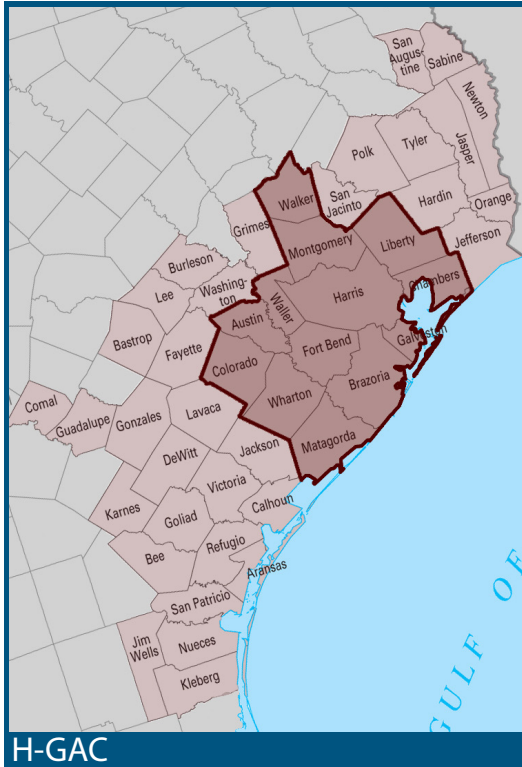
#### Benefit

This project will mitigate the erosion at the bridge on County Road 2307 that runs over Gator Creek in Liberty County, preventing erosion and bridge failure during future flooding events.

#### Return on Investment

This \$300,000 project will mitigate the negative effects of Hurricane Harvey by preventing erosion at bridge on County Road 2307 that runs over Gator Creek in Liberty County.

## Liberty County



### Liberty County CR 2305 Bridge

Estimated Cost

**\$200,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**36**

#### Description

This project will mitigate erosion at bridge on County Road 2305 that runs over Gator Creek in Liberty County.

#### Benefit

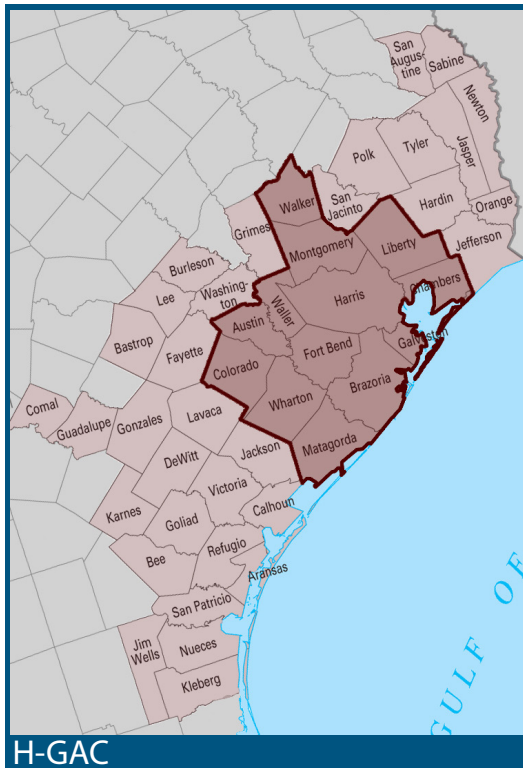
This project will mitigate the erosion at the bridge on County Road 2305 that runs over Gator Creek in Liberty County, preventing erosion and bridge failure during future flooding events.

#### Return on Investment

This \$200,000 project will mitigate the negative effects of Hurricane Harvey by preventing erosion at bridge on County Road 2305 that runs over Gator Creek in Liberty County.



## City of Manvel



### City of Manvel SH 6 Road Improvements Project

Estimated Cost

**\$50,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**22**

#### Description

This project will provide improvements to SH 6 that runs through the City of Manvel, a major evacuation route of Galveston and Brazoria Counties, which was under four feet of water during Hurricane Harvey.

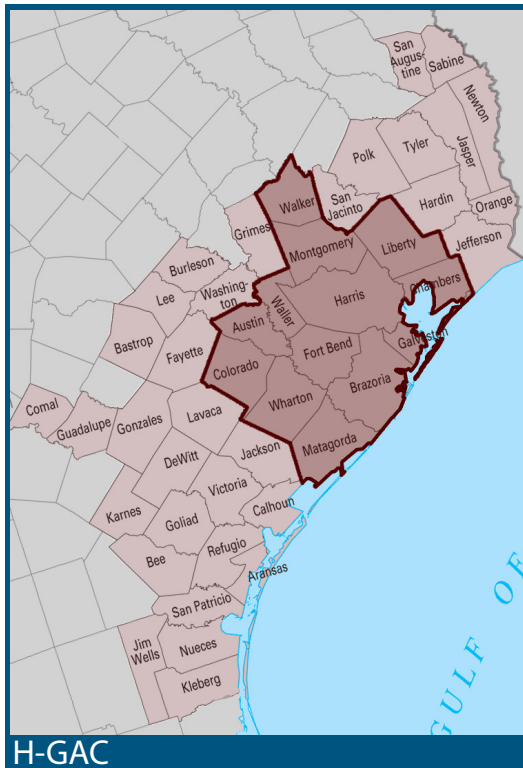
#### Benefit

This project will repair SH 6 that runs through the City of Manvel, which was under four feet of water during Hurricane Harvey and is a major evacuation route for Galveston and Brazoria Counties. This will enable a safer evacuation route for citizens in Brazoria County in future catastrophic events.

#### Return on Investment

This \$50,000,000 project will provide for road repairs of SH 6, that was damaged in Hurricane Harvey. This highway is a major evacuation route for Galveston/Brazoria Counties to the northwest and away from coastal areas.

## Matagorda County



### Matagorda County Roads and Bridges Repair/Rebuild Project

Estimated Cost

**\$25,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**27**

This project will allow for the repair and rebuilding of roads and bridges in Matagorda County damaged by Hurricane Harvey.

#### Description

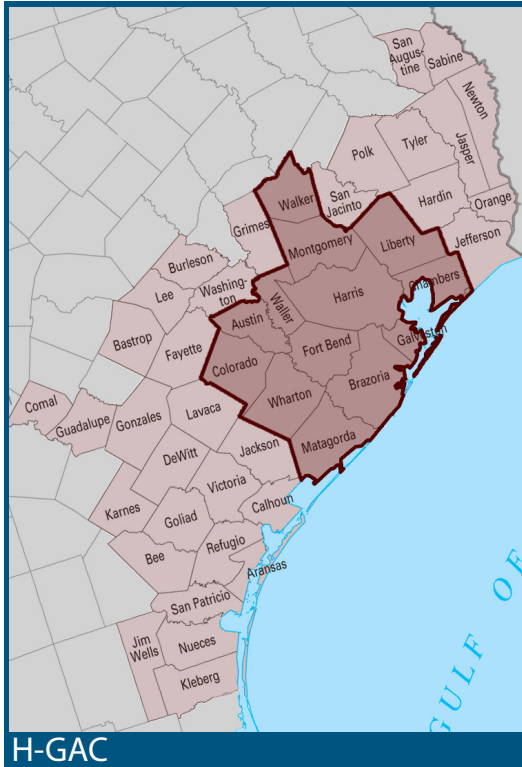
#### Benefit

This project will benefit Matagorda County because it will allow for repair and rebuilding of roads and bridges which were damaged/destroyed in Hurricane Harvey. This will allow county residents to travel without restriction and injury and for evacuation should another disaster occur.

#### Return on Investment

This \$25,000,000 project will mitigate damages from Hurricane Harvey by allowing for repairs to roads and bridges in Matagorda County. The flow of traffic of the county's citizens and tourists will allow more efficient travel of the county and quicker evacuation during potential storm events that may occur.

## City of Palacios



# City of Palacios Damaged Roads Replacement Project

## Estimated Cost

\$2,100,000

## Proposed Funding Source

### Transportation Infrastructure

## Other Possible Funding Sources

### CDBG-DR

Congressional District(s)  
27

## Description

Replacement of seven miles of flooded and damaged city-owned roads at an approximate costs of \$300,000 per mile.

## Benefit

This project will benefit the City of Palacios because it will allow for safe and efficient thoroughfares for travelers and will mitigate damages sustained in Hurricane Harvey.

## Return on Investment

This \$2,100,000 project will mitigate damages to roads in the City of Palacios sustained during Hurricane Harvey and allow a return to normal economic activity .

## City of Pinehurst



### City of Pinehurst Street Repairs Project

Estimated Cost

**\$5,167,007**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**36**

#### Description

This project will allow for repairs to streets within Pinehurst which were submerged for a week and will start to show diminished lifespan due to sub-base material wash away.

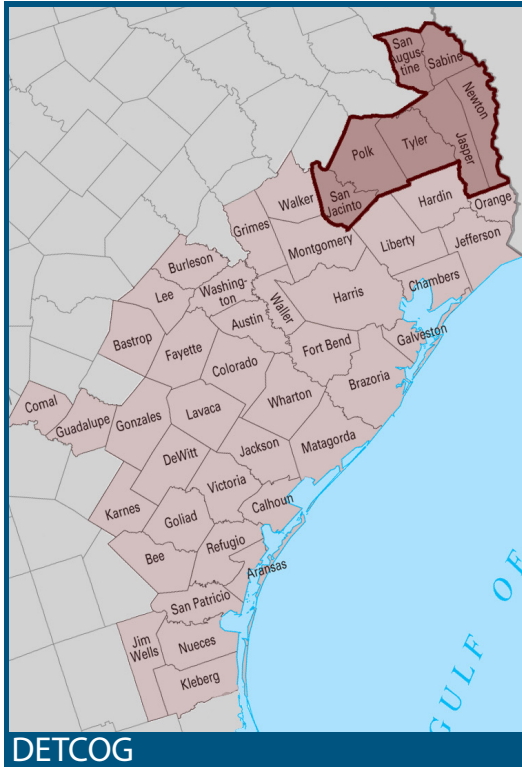
#### Benefit

This project will benefit the City of Pinehurst because it will repair streets, allowing for safe thoroughfares for citizens, and will also prevent further road damage as roads will eventually start to show diminished lifespan due to sub-base material washing away if they are not repaired.

#### Return on Investment

This \$5,167,007 project will mitigate damages sustained to roads in the City of Pinehurst during Hurricane Harvey and will prevent further road damage.

## City of Point Blank



### City of Point Blank East Lakeview Drive Repair Project

Estimated Cost

**\$50,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, CDBG-DR**

Congressional District(s)  
**8**

Repairs to East Lakeview Drive due to extensive road damage from water flows.

#### Description

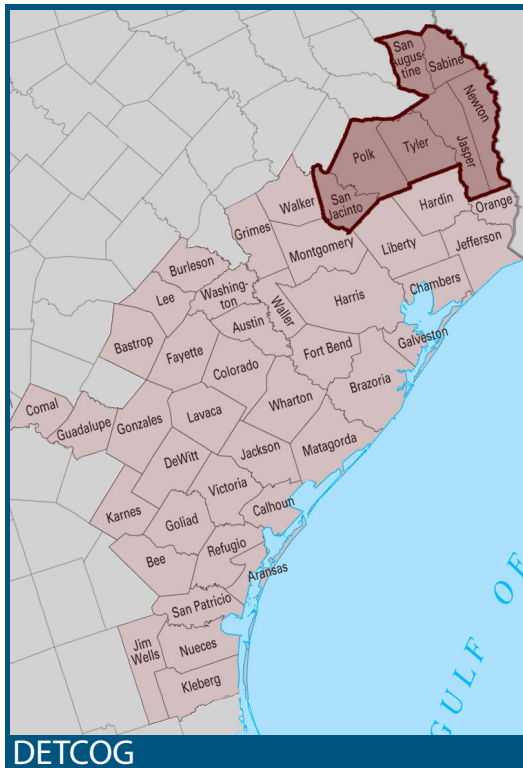
This project will benefit the City of Point Blank as it will mitigate damage to East Lakeview Drive sustained in Hurricane Harvey, allowing for a safe and usable road for citizens.

#### Benefit

#### Return on Investment

This \$50,000 project will restore East Lakeview Drive, which was damaged due to water flows during Hurricane Harvey.

## City of Point Blank



### General Road Maintenance

Estimated Cost

**\$16,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, CDBG-DR**

Congressional District(s)  
**8**

This project will repair washouts and damage due to water flows.

### Description

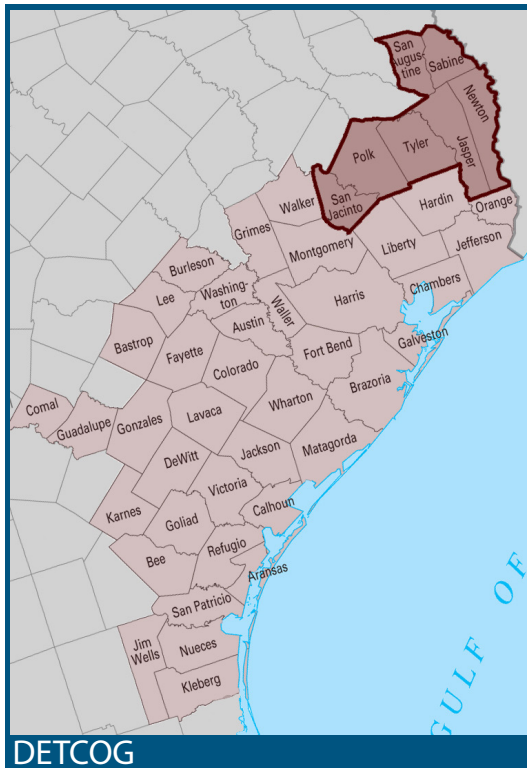
### Benefit

### Return on Investment

The project will benefit the City of Point Blank as it will allow for maintenance to roads and repair of washouts due to Hurricane Harvey.

This \$16,000 project will mitigate damages sustained from Hurricane Harvey as it will allow for repair of damaged roads and road washouts.

## City of Point Blank



### City of Point Blank Robinson Way Bulkhead Project

Estimated Cost

**\$10,000**

Proposed Funding Source  
Transportation Infrastructure

Other Possible Funding Sources  
CDBG-DR, CDBG-DR

Congressional District(s)  
8

Repair of Robinson Way in Point Blank due to washout from heavy water flow.

#### Description

#### Benefit

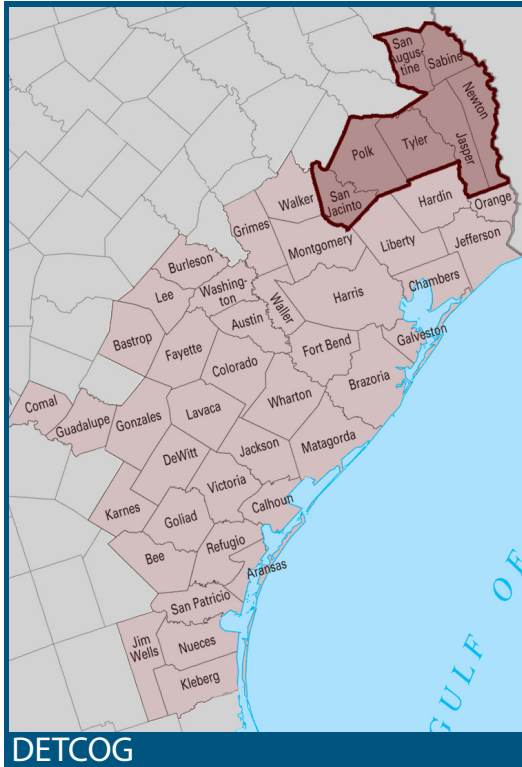
#### Return on Investment

This project will benefit the City of Point Blank as it will mitigate damage to Robinson Way due to washout from heavy water flow due to flooding from Hurricane Harvey.

This \$10,000 project will benefit the City of Point Blank as it will allow for repair to Robinson Way, mitigating damage sustained due to flooding resulting from Hurricane Harvey.



## City of Point Blank



### City of Point Blank Spring Lane Culvert Project

Estimated Cost

**\$5,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, CDBG-DR**

Congressional District(s)  
**8**

#### Description

Repair of washout due to heavy water flow on Spring Lane near Evergreen intersection.

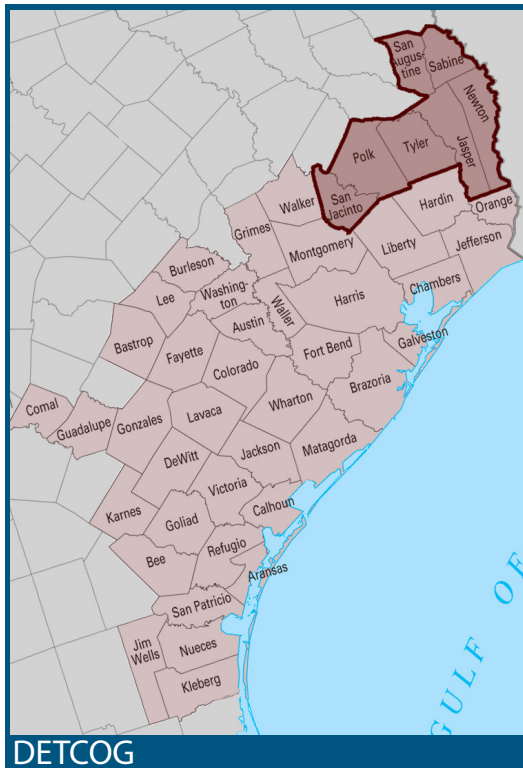
#### Benefit

This project will allow for repairs due a washout on Spring Lane near its intersection with Evergreen. This will mitigate damages sustained during Hurricane Harvey and allow for proper drainage and safe roadways.

#### Return on Investment

This \$5,000 project will mitigate damages sustained during Hurricane Harvey and will allow for proper water flow and road repair.

## City of Point Blank



### City of Point Blank Evergreen at Mulberry Project

Estimated Cost

**\$2,500**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, CDBG-DR**

Congressional District(s)  
**8**

This project will repair a road washout at the intersection of Evergreen and Hickory.

#### Description

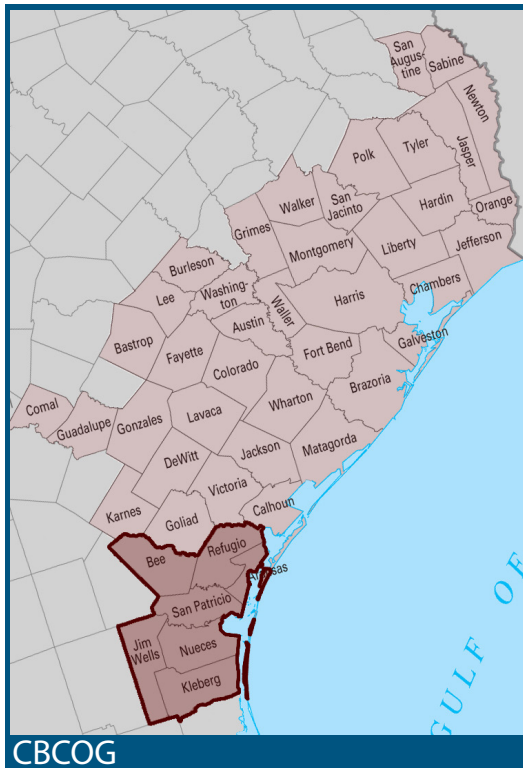
#### Benefit

#### Return on Investment

The project will benefit the City of Point Blank as it will allow for repair of a road washout at Evergreen and Hickory, providing safe and passable roadways for the citizens of Point Blank.

This \$2,500 project will mitigate the damage caused by Hurricane Harvey by repairing a road washout caused by flooding due to the storm.

## City of Refugio



### City of Refugio Street Repair Project

Estimated Cost

**\$6,500,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FEMA-DLP**

Congressional District(s)  
**27**

This project will allow for street repair and sign replacement in the City of Refugio.

### Description

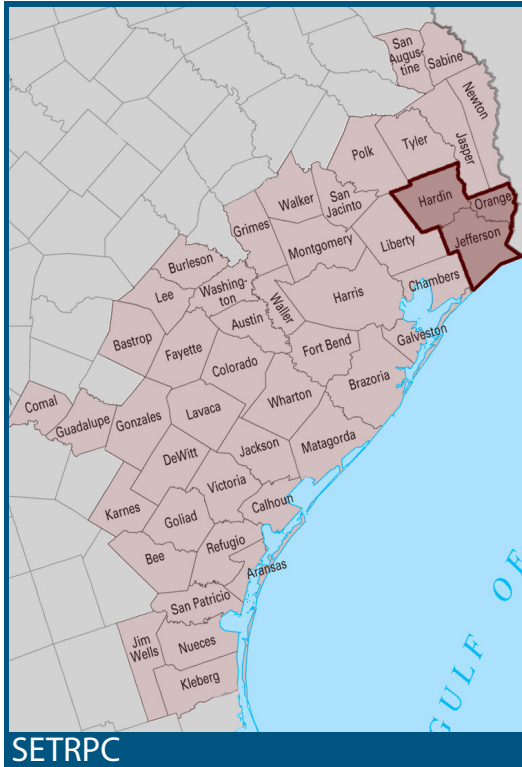
The project will benefit the City of Refugio by providing safe and passable roadways and clear signage for the city's residents.

### Benefit

### Return on Investment

This \$6,500,000 project will mitigate the negative effects of Hurricane Harvey by allowing for repair of streets and signage damaged by the storm.

## Rose City



### City of Rose City Pavement Replacement Project

Estimated Cost

**\$13,200,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FEMA-DLP**

Congressional District(s)  
**36**

#### Description

This project will allow for the replacement of existing 46,603 LF of damaged roadway pavement.

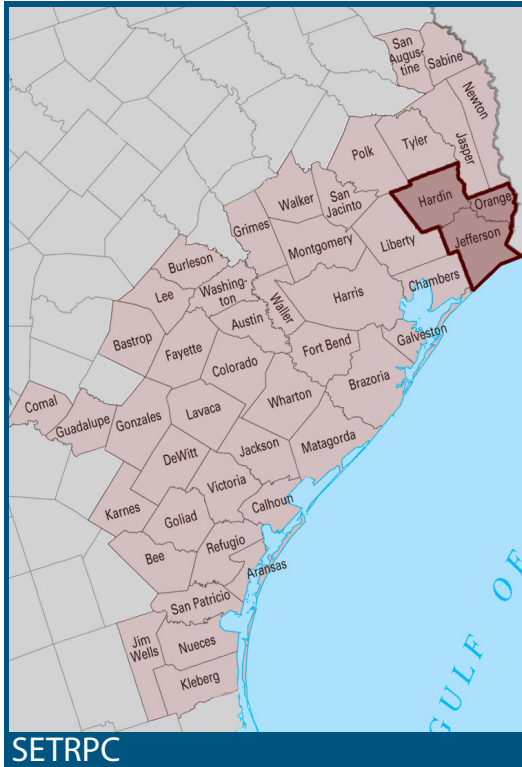
#### Benefit

This project will benefit Rose City by mitigating the effects of Hurricane Harvey and providing safe roadways for citizens.

#### Return on Investment

This \$13,200,000 project will restore damaged roadways and provide safe roads for the citizens of Rose City. It will mitigate the negative effects of Hurricane Harvey.

## Rose City



### City of Rose City Bridge Guardrails Project

Estimated Cost

**\$300,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**36**

Replacement of 4,360 LF of existing damaged bridge guardrails.

#### Description

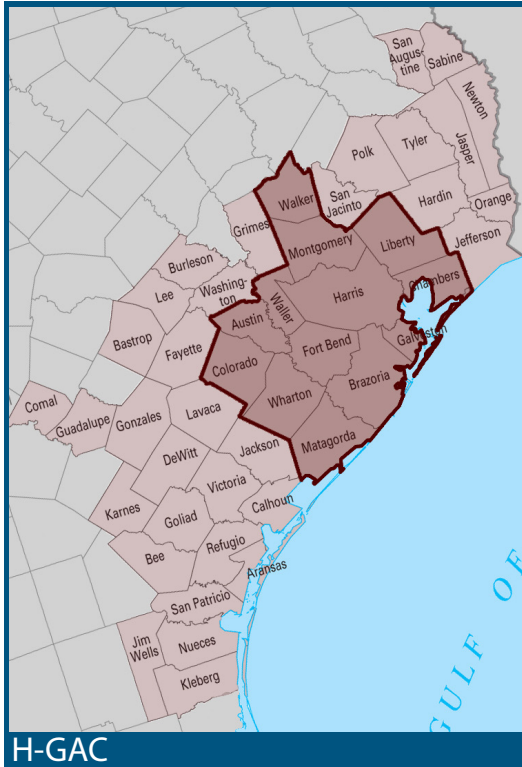
This project will benefit Rose City by providing safe bridges for its citizens. Guardrails damaged in Hurricane Harvey will be restored to bridges, allowing for safer travel.

#### Benefit

#### Return on Investment

This \$300,000 project will provide safer bridges for the citizens of Rose City and will mitigate the effects of Hurricane Harvey by repairing damage done to bridge guardrails.

# City of Seabrook



# Baywood Bridge Repairs

## Estimated Cost

\$716,000

## Proposed Funding Source

### Transportation Infrastructure

## Other Possible Funding Sources

### CDBG-DR

Congressional District(s)  
36

## Description

Fix the Baywood Bridge in the city of Seabrook to improve access and evacuation. It is an aged bridge which serves as a single point of ingress and egress for a neighborhood off of Todville Rd. and Baywood Dr.

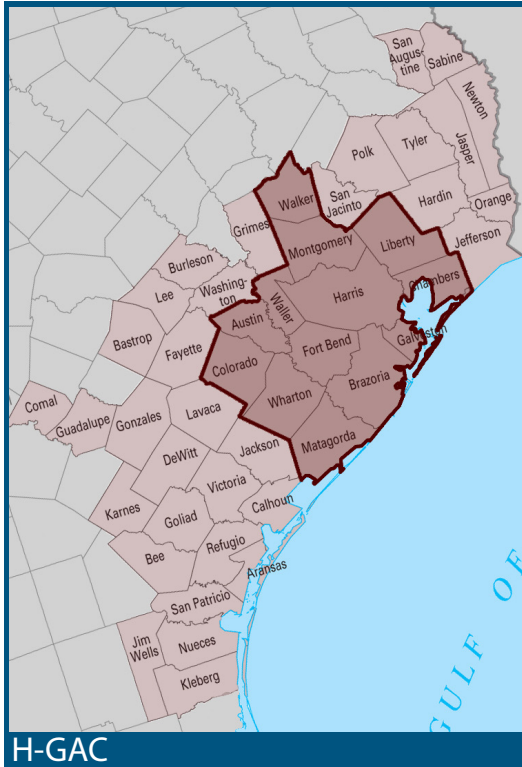
## Benefit

Baywood Bridge is an aged bridge that serves as a single point of ingress and egress for a neighborhood. When updated, it will provide access to the neighborhoods during rain events, tropical storms and hurricanes.

## Return on Investment

This \$716,000 project will provide access to the neighborhood during rain events, tropical storms and hurricanes, allowing for residents to have continuous safe access and timely resumption of normal activities.

## City of Stagecoach



H-GAC

### Rebuild Silver Spur Bridge

Estimated Cost

**\$120,000**

Proposed Funding Source

**Transportation Infrastructure**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**8**

Rebuild the Silver Spur Bridge in the City of Stagecoach which was partially washed out during Hurricane Harvey.

#### Description

The Silver Spur Bridge in the City of Stagecoach which was partially washed out during Hurricane Harvey will be rebuilt.

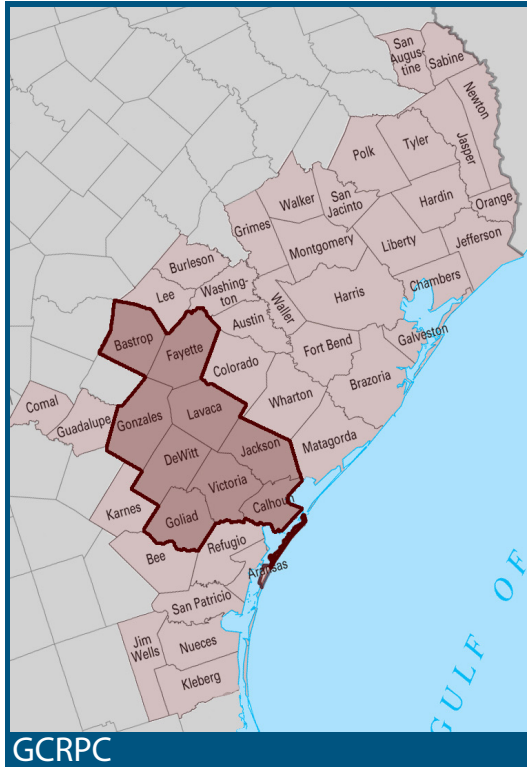
#### Benefit

#### Return on Investment

The Silver Spur Bridge in the City of Stagecoach was partially washed out during Hurricane Harvey. This \$120,000 project will rebuild the bridge.



## City of Victoria



### Restabilize and Repair Roads in the City of Victoria

Estimated Cost

**\$6,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**27**

Restabilize and repair the roads in the city of Victoria that had substantial erosion due to flooding from Hurricane Harvey.

#### Description

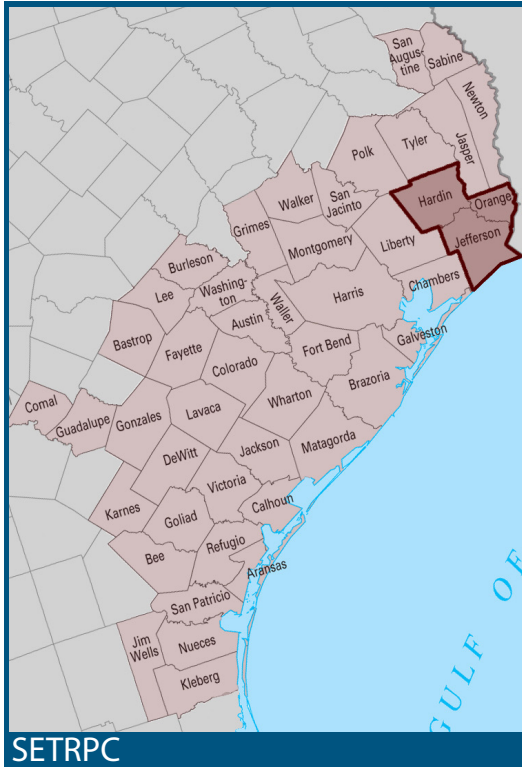
The roads in the city of Victoria that experienced substantial erosion from Hurricane Harvey flood waters will be restabilized and repaired.

#### Benefit

#### Return on Investment

Roads in the city of Victoria experienced substantial erosion from Hurricane Harvey flood waters. This \$6,000,000 project will restabilize and repair them.

## City of Vidor



### City of Vidor--Replace the Bridge on Old Spanish Trail at School House Ditch

Estimated Cost

**\$7,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**36**

#### Description

Replace the bridge on Old Spanish Trail at School House Ditch in the city of Vidor that was damaged by flooding during Hurricane Harvey. It was underwater for several days isolating the neighborhood it serves. The old "box car" culvert type bridge needs to be replaced with an actual bridge.

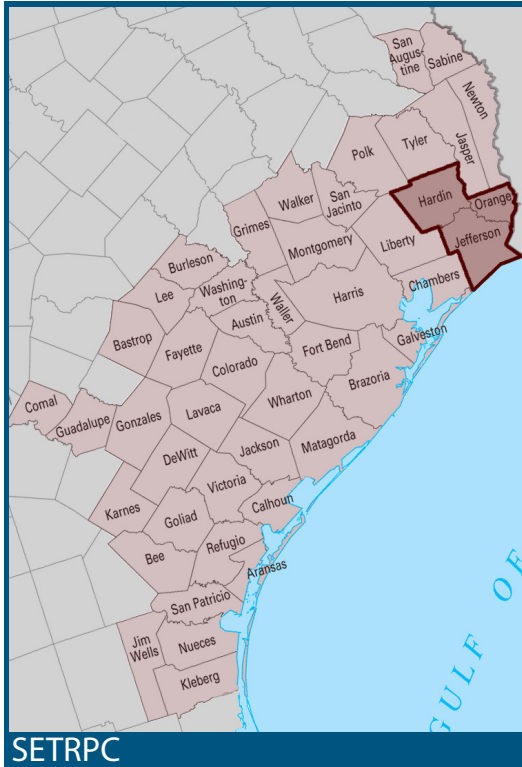
#### Benefit

The bridge on Old Spanish Trail at School House Ditch in the city of Vidor that was damaged by flood waters during Hurricane Harvey will be replaced. This should help to prevent the neighborhood it serves from being isolated due to future flooding.

#### Return on Investment

This 7 million dollar project will replace the bridge on Old Spanish Trail at School House Ditch in the city of Vidor that was damaged by flood waters during Hurricane Harvey. The old "box car" culvert type bridge will be replaced with an actual bridge and help keep the neighborhood from being isolated during future floods.

## City of Vidor



### Replace Bridge on Orange Street at Anderson Gulley

Estimated Cost

**\$3,500,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**36**

#### Description

Replace the bridge on Orange Street at Anderson Gulley in the city of Vidor that was damaged by flooding during Hurricane Harvey. This street is a main thoroughfare.

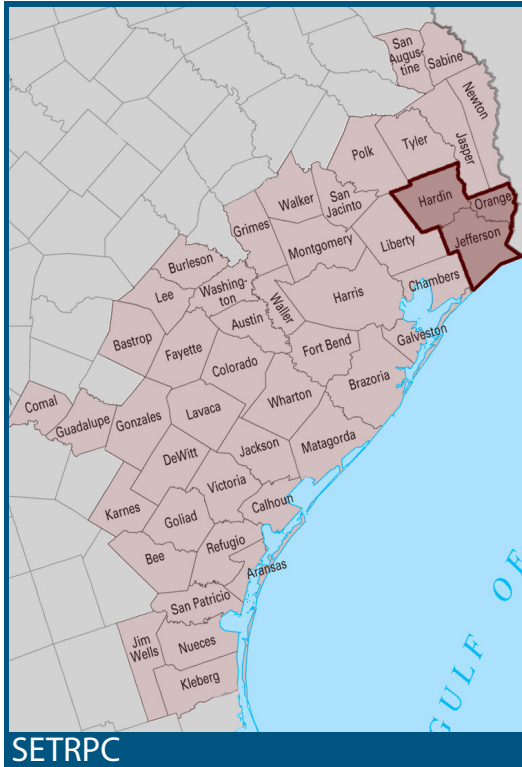
#### Benefit

The bridge on Orange Street at Anderson Gulley in the city of Vidor that was damaged by flood waters during Hurricane Harvey will be replaced. Orange Street is a main thoroughfare in Vidor.

#### Return on Investment

This 3.5 million dollar will replace the bridge on Orange Street at Anderson Gulley in the city of Vidor that was damaged by flood waters during Hurricane Harvey. This \$3,500,000 project will be replace the bridge on this main thoroughfare.

## City of West Orange



Repair Flood Damaged Streets in the City of West Orange.

Estimated Cost

**\$7,000,000**

Proposed Funding Source  
Transportation Infrastructure

Other Possible Funding Sources  
CDBG-DR, FHWA-ER

Congressional District(s)  
36

### Description

Repair the streets of the city of West Orange which were damaged by sitting in the flood waters from Hurricane Harvey for more than a week. The wear on the asphalt/concrete surfaces and seams will begin to show in 6 months to a year.

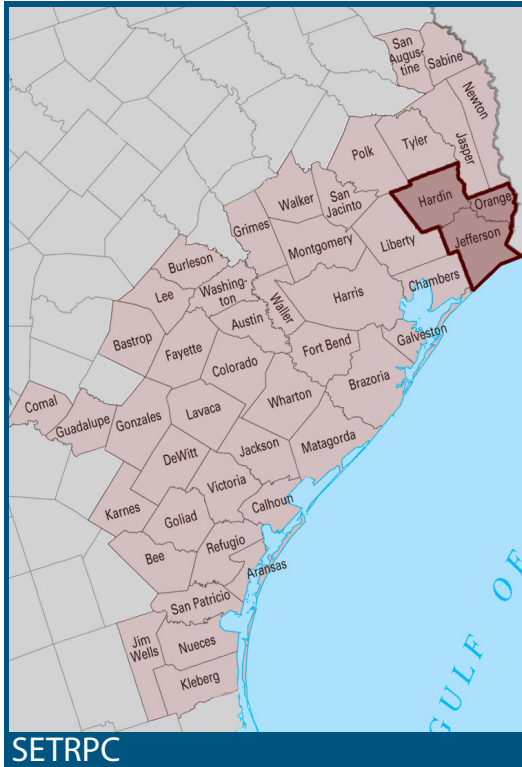
### Benefit

Streets of the city of West Orange will be repaired due to damage from sitting in the flood waters from Hurricane Harvey for more than a week.

### Return on Investment

Streets in the city of West Orange were damaged due to flood waters from Hurricane Harvey. This \$7,000,000 project will repair those streets.

## City of West Orange



### Bridge Repairs in the City of West Orange

Estimated Cost

**\$5,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FHWA-ER**

Congressional District(s)  
**36**

#### Description

Repair the bridge abutments and approaches in the city of West Orange that were eroded by rushing water from Hurricane Harvey.

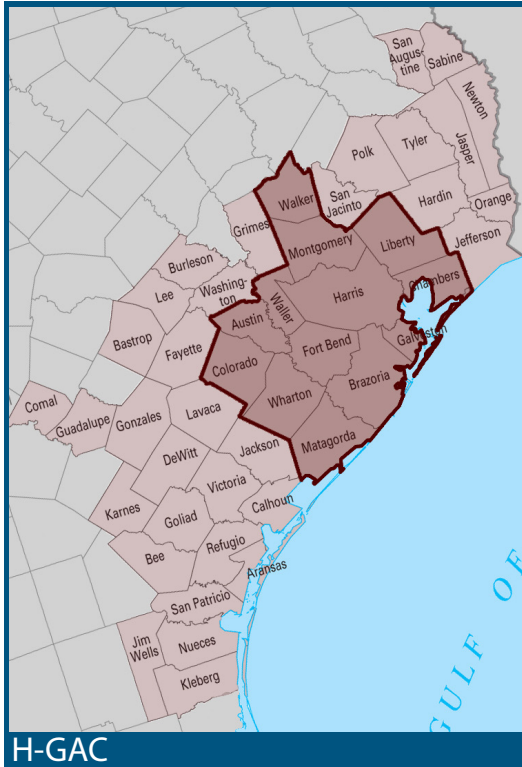
#### Benefit

The bridge abutments and approaches in the city of West Orange eroded by rushing waters during Hurricane Harvey will be repaired.

#### Return on Investment

The bridge abutments and approaches in the city of West Orange were eroded by Hurricane Harvey. This \$5,000,000 project will repair damaged bridges.

## Wharton County



### Repair Wharton County Roads Reconstruction

Estimated Cost

**\$5,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR, FEMA-DLP**

Congressional District(s)  
**27**

Repair the Wharton County roads that were damaged/ destroyed by flood waters from Hurricane Harvey.

#### Description

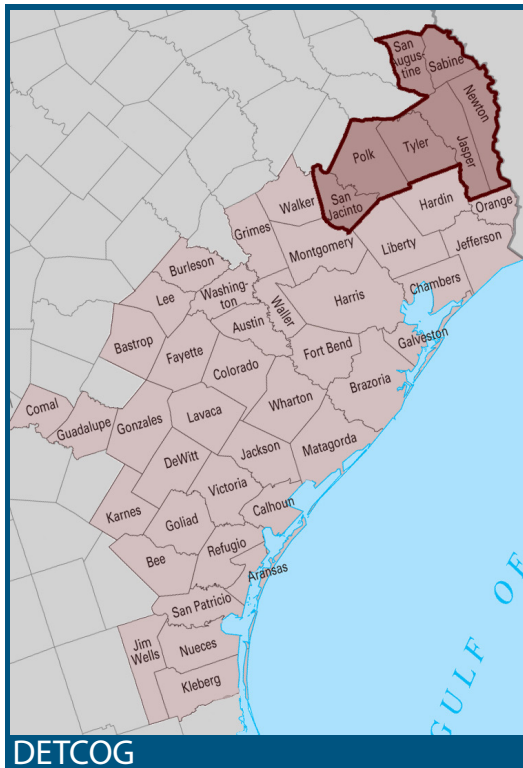
The roads in Wharton County that were damaged/ destroyed by flood waters from Hurricane Harvey will be repaired.

#### Benefit

#### Return on Investment

Roads in Wharton County were damaged/ destroyed by flood waters from Hurricane Harvey. This \$5,000,000 project will repair these roads.

## Newton County



DETCOG

### Culvert and Bridge Repairs

Estimated Cost

**\$2,500,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**36**

Repair the culverts and bridge in Newton County that were damaged by flooding from Hurricane Harvey.

#### Description

This will repair the culverts and bridge in Newton County that were damaged by flooding from Hurricane Harvey.

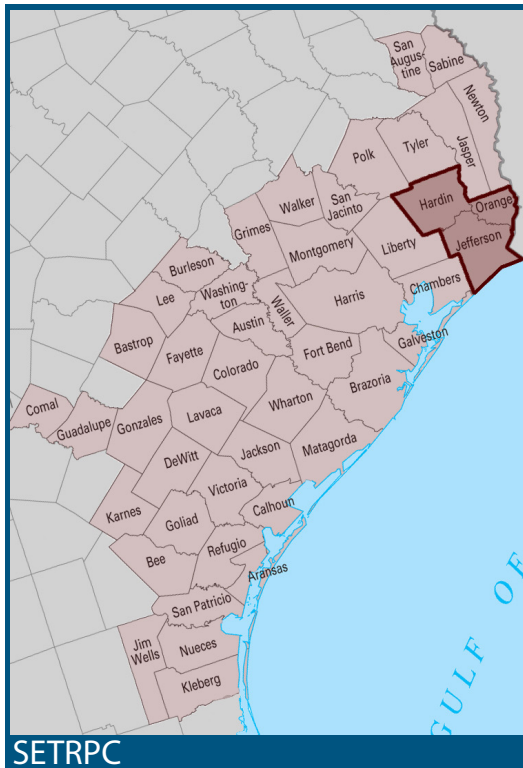
#### Benefit

#### Return on Investment

The culverts and bridge in Newton County were damaged from flooding caused by Hurricane Harvey. This \$2,500,000 project will repair the culverts and bridge.



## City of Nederland



### Repair Flood Damaged Streets

Estimated Cost

**\$7,500,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

#### Description

Repair the flood damaged streets in the city of Nederland.

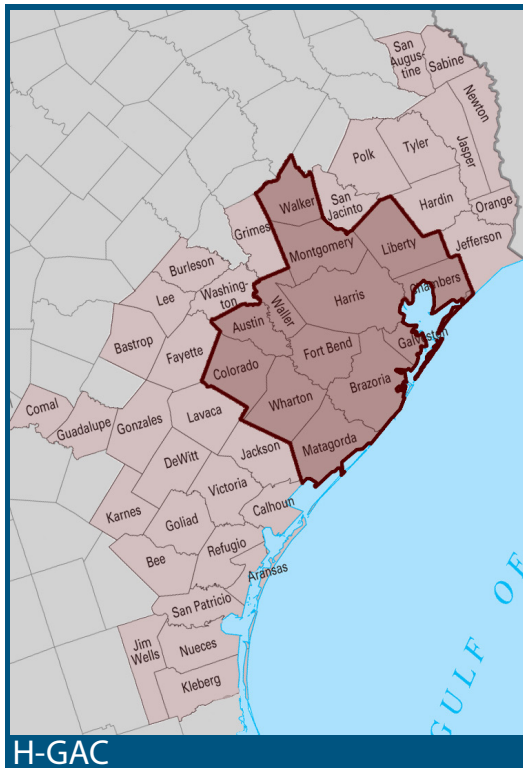
#### Benefit

Streets in the City of Nederland that were damaged by flooding caused by Hurricane Harvey will be repaired.

#### Return on Investment

The Nederland city streets were damaged from flooding due to Hurricane Harvey. This \$7,500,000 project will repair those streets.

## City of Surfside Beach



### Repair Bluewater Highway in the City of Surfside Beach

Estimated Cost

**\$1,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

#### Description

Repair the Bluewater Highway in the City of Surfside Beach which was damaged from storm surge and tides from Hurricane Harvey.

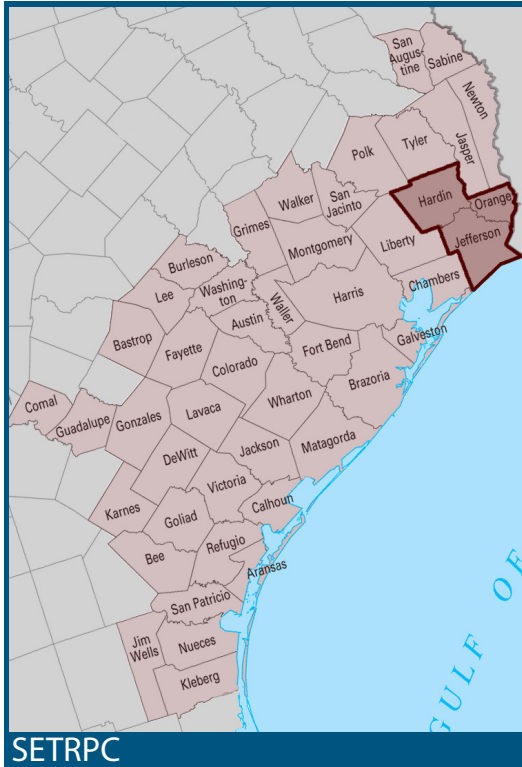
#### Benefit

The Bluewater Highway in Surfside Beach that was damaged by the storm surge and tides caused by Hurricane Harvey will be repaired.

#### Return on Investment

The Bluewater Highway in Surfside Beach was damaged by the storm surge and tides caused by Hurricane Harvey. This \$1,000,000 project will repair this highway, which is the main transportation artery connecting the beaches, restaurants, hotels, and other businesses along the coastline.

## Hardin County



SETRPC

### Road, Bridge and Culvert Repairs

Estimated Cost

**\$15,000,000**

Proposed Funding Source

**Transportation Infrastructure**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

Repair the roads, bridges, and culverts in Hardin County affected by flooding from Hurricane Harvey.

### Description

The roads, bridges, and culverts in Hardin County that were damaged by flooding from Hurricane Harvey will be repaired.

### Benefit

### Return on Investment

Roads, bridges, and culverts in Hardin County were damaged by flooding from Hurricane Harvey. This \$15,000,000 project will repair them.

## Colorado County



H-GAC

### Repair and Restore Flood Damaged Roads in Colorado County

Estimated Cost

**\$1,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**10**

#### Description

This project will repair and restore the roads in Colorado County that were damaged by flooding during Hurricane Harvey.

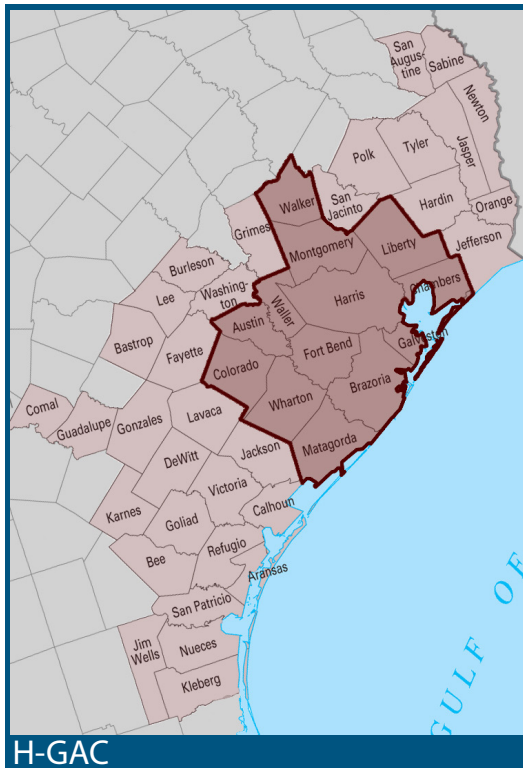
#### Benefit

The roads in Colorado County that were damaged by flooding during Hurricane Harvey will be repaired and restored.

#### Return on Investment

Roads in Colorado County were damaged by flooding from Hurricane Harvey. This \$1,000,000 project will repair and restore these roads.

## City of Clear Lake Shores



### Raise Clear Lake Road to Prevent Future Flooding

Estimated Cost

**\$1,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

### Description

Flooding of Clear Lake Road during Hurricane Harvey prevented access to and from Clear Lakes Shores by residents and emergency vehicles.

### Benefit

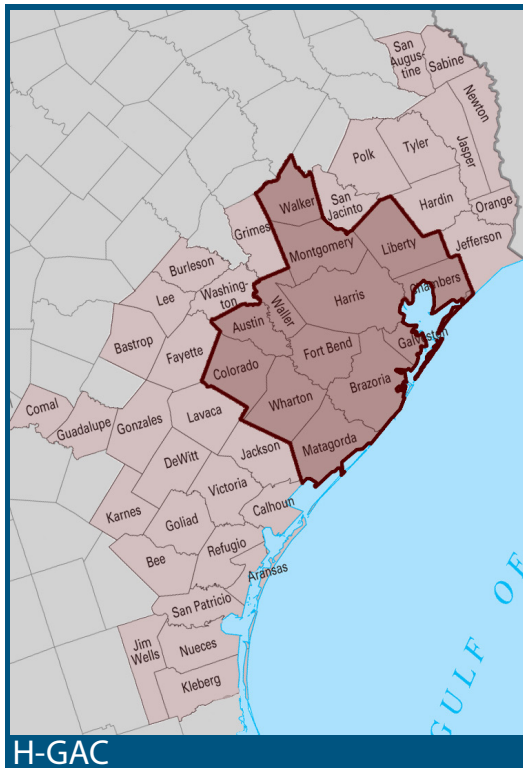
Raising the road elevation would allow access to Clear Lake Shores by emergency responders and allow for safer evacuation of residents during future flooding events.

### Return on Investment

This \$1,000,000 investment would raise Clear Lake Road to allow emergency vehicle access to the community during future flood events and minimize the risk to lives of both residents and first responders.

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## City of Anahuac



### City of Anahuac Wastewater Treatment Plant

Estimated Cost

**\$17,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Replace the City of Anahuac's existing damaged wastewater treatment plant with a 1.5 million gallon per day wastewater treatment plant.

#### Description

This project will allow the wastewater plant to fulfill its purpose by treating wastewater and sewage for the city.

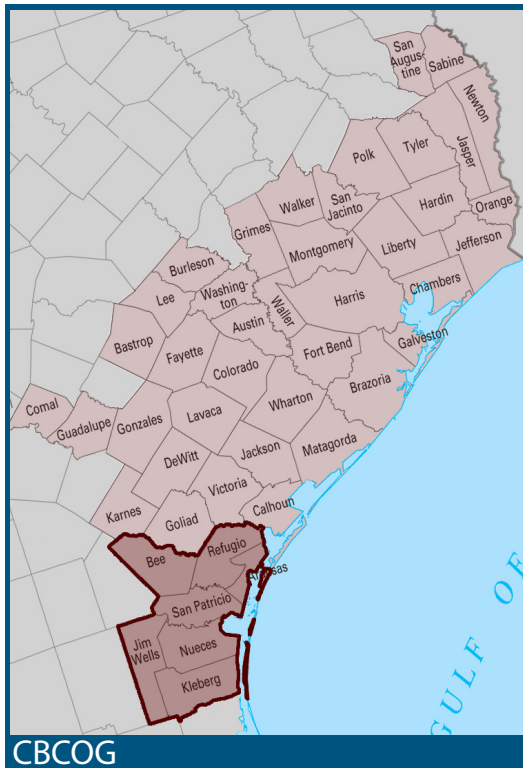
#### Benefit

#### Return on Investment

The City's wastewater treatment plant was damaged during Hurricane Harvey and can no longer perform to its required efficiency. This \$17,000,000 project can provide the town's (population of 2,400) residents with services.



## Aransas County



### Aransas County Parks, Recreational Areas and other Facilities.

Estimated Cost

**\$20,420,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**FEMA-DLP**

Congressional District(s)

**27**

Repair and clean up of all area parks, recreational areas and other facilities damaged due to storm winds and flood waters.

#### Description

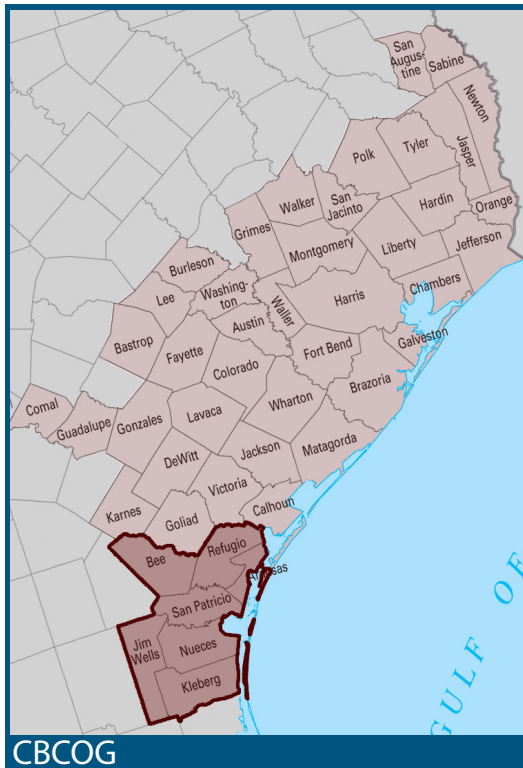
#### Benefit

#### Return on Investment

The refurbishment of the parks and recreational facilities will provide much needed revenue streams, entertainment and a renewed lifestyle for a returning and relocating local community with a population of 23,000.

This investment of \$20.4 million create 42 new jobs (FTEs) will restore revenue streams and lifestyle activities to provide the citizens of Aransas County updated services.

## Aransas County



### Aransas County Buildings and Equipment

Estimated Cost

**\$370,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**FEMA-DLP, CDBG-DR**

Congressional District(s)

**27**

Repair and replacement of all buildings and equipment, to include contents and government vehicles damaged or lost in storm in Aransas County.

#### Description

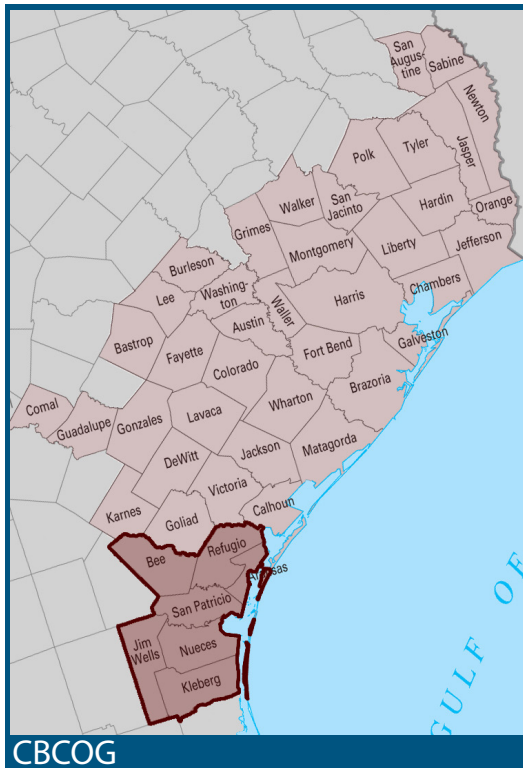
The repair of county buildings and equipment will facilitate the function of Aransas County to service the community and provide timely response to additional issues brought about by Hurricane Harvey.

#### Benefit

#### Return on Investment

This investment of \$370,000 will restore revenue streams and provide the county employees with the resources to service the citizens of Aransas County with updated and functional services.

## City of Aransas Pass



### Police/Fire/City Hall Building

Estimated Cost

**\$30,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

### Description

Repair and replacement of electrical systems, air conditioning, mold removal/abatement, and structural repairs to buildings that house emergency services and city officials in the City of Aransas Pass (Police Station, Fire Department and City Hall).

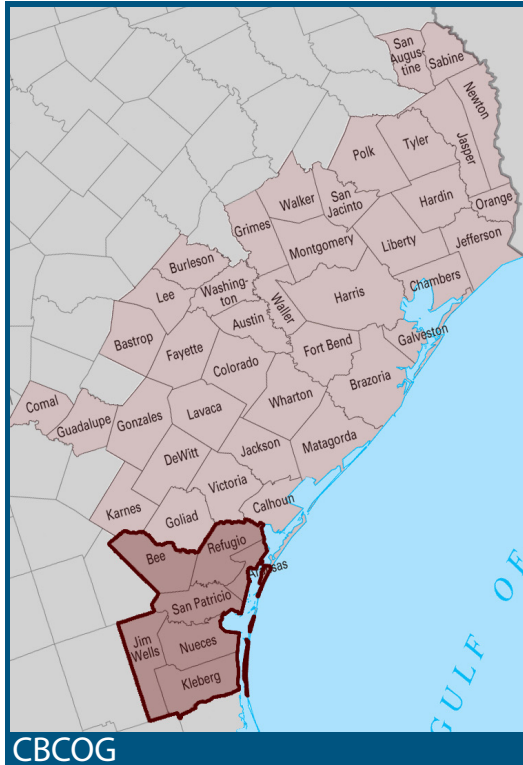
### Benefit

The repair of these facilities will enable emergency response teams and city officials to effectively support Aransas Pass community (population 9,000).

### Return on Investment

This investment of \$30 million will not only help to restore services to the citizens of Aransas Pass but will also help to update and modernize these critical and outdated city emergency systems and functions. Further, this investment will add 62 new jobs (FTEs).

## City of Aransas Pass



### Wastewater Treatment Repairs

Estimated Cost

**\$1,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

Repair clarifiers (settling tanks), replace aerator and drying beds, and perform electrical work at Aransas Pass Wastewater Treatment Plant.

#### Description

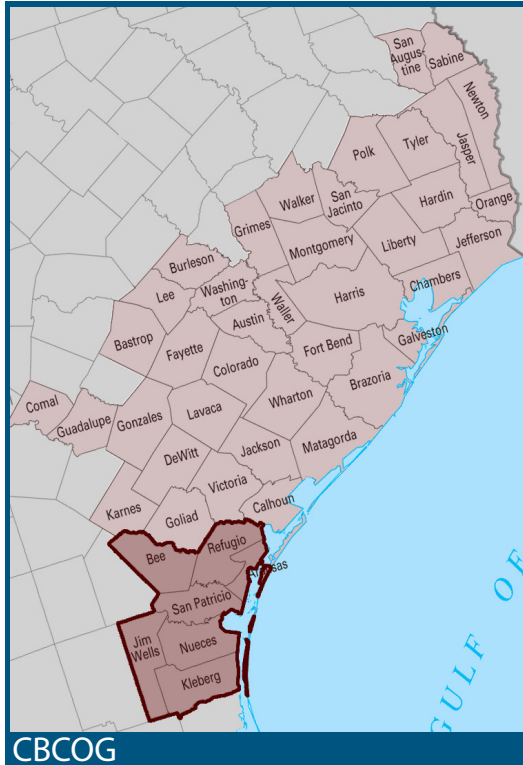
Repairing these wastewater treatment plants' components will help ensure that wastewater is treated and transported properly.

#### Benefit

#### Return on Investment

The wastewater treatment plant was damaged during Hurricane Harvey and other recent flooding events. This \$1,500,000 project will help operations move smoothly and provide valuable water treatment services to Aransas Pass (population of 8,400).

## City of Aransas Pass



### City of Aransas Pass Wastewater Treatment Repairs

Estimated Cost

**\$850,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

Replace pumps, electric panels, and reassemble the float system at Aransas Pass Wastewater Treatment Plant.

#### Description

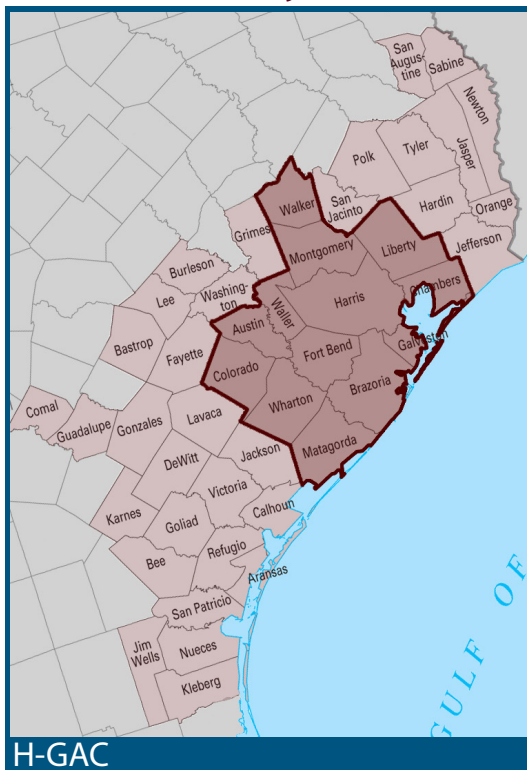
#### Benefit

Replacing these pumps would keep sewage and wastewater from becoming stagnant in the lines. Replacing the electric panels would help the sewer lift system to function properly. Reassembling the float system would allow the water to be clarified properly.

#### Return on Investment

The wastewater treatment plant was damaged during Hurricane Harvey and other recent flooding events. This \$850,000 project will help operations move smoothly and provide valuable water treatment services to Aransas Pass (population of 8,400).

## Austin County



### Lazy River Subdivision Buyout

Estimated Cost

**\$5,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**10**

Buyout homes in the Lazy River Subdivision located in Austin County that were substantially damaged during Hurricane Harvey.

### Description

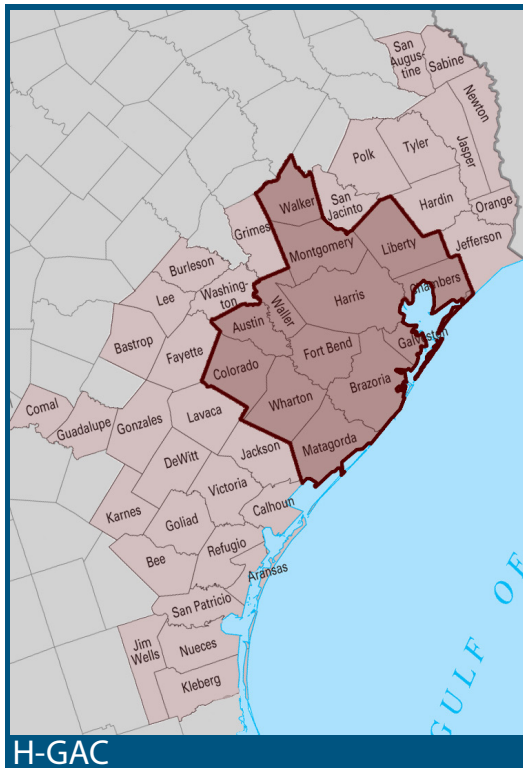
This buyout will allow homeowners to sell their property that flooded and move out of the floodplain. The buyout will remove 133 homes from the floodplain.

### Benefit

### Return on Investment

This \$5.5M buyout will allow 133 homeowners to sell their homes and move out of the floodplain.

## Bay City



### Various Municipal Buildings

Estimated Cost

**\$20,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

### Description

Repair roof leaks and interior damage to Volunteer Fire Department, Police Station, Tangles, Lakeview Bldg. at Letulle Park and waste water office.

### Benefit

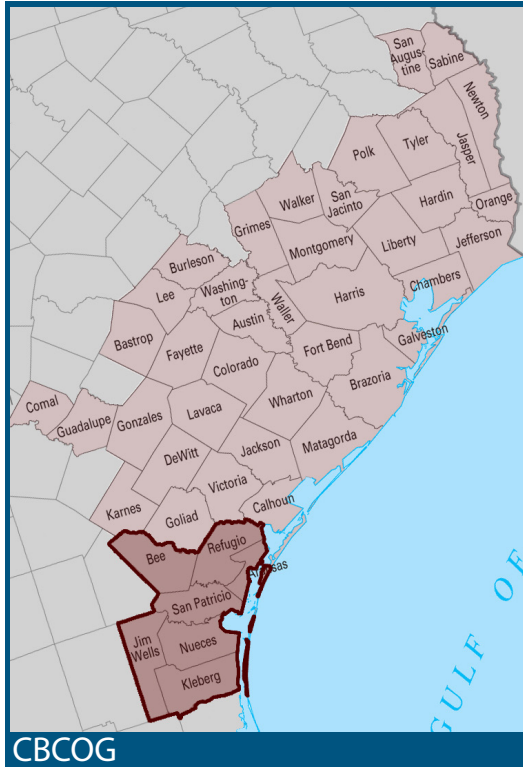
The repair of these buildings and equipment will allow Bay City emergency management personnel to service the community with required services.

### Return on Investment

This investment of \$20,000 will help to restore proper function to critical municipal facilities to proper useable conditions for the emergency personnel of Bay City.



## City of Bayside



### Bayside City Safety Signs

Estimated Cost

**\$200,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Replace all safety signage damaged during Hurricane Harvey throughout the coastal city of Bayside.

#### Description

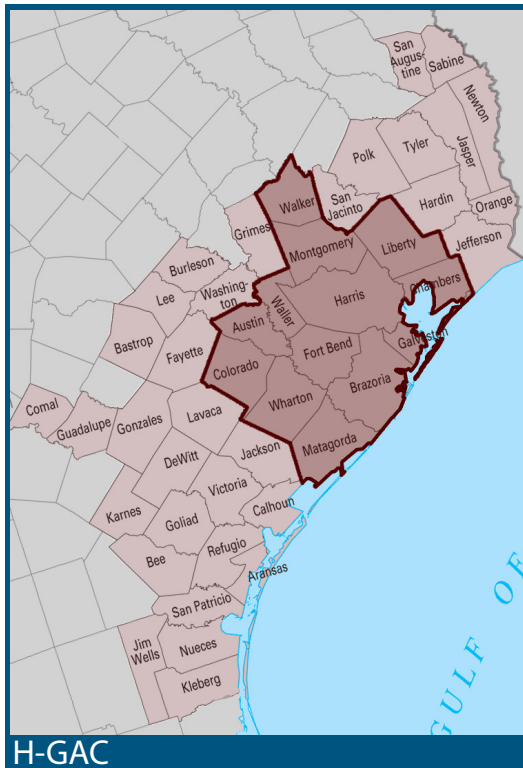
The purchase of new safety signs will serve as alerts to protect the civilian population from associated hazards.

#### Benefit

#### Return on Investment

The investment of \$200,000 in the coastal town of Bayside will ensure appropriate safety signage is installed which will protect citizens from associated risks and hazards throughout the city.

## City of Baytown



### East District Wastewater Treatment Plant Improvements

Estimated Cost

**\$22,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

#### Description

Elevate critical components of the East District Wastewater Treatment Plant that was inundated with flood waters during Hurricane Harvey. This improvements project includes elevating belt presses, elevating office building, and other improvements.

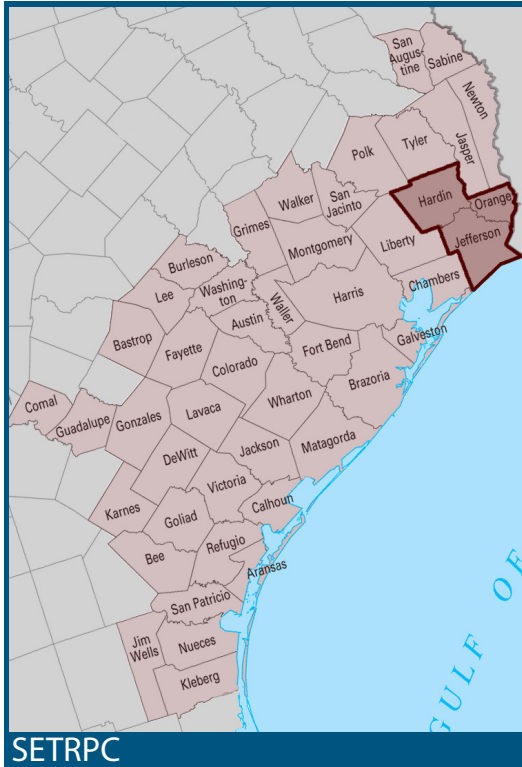
#### Benefit

This project would elevate critical components of the wastewater treatment plant to heights above floodwaters, which would lower the risk of damage to these components from potential future floods.

#### Return on Investment

The wastewater treatment plant was damaged during Hurricane Harvey and its subsequent flooding. This \$22,000,000 project will help provide valuable sanitation services to Baytown (population 7,600), even during storms and floods.

## City of Beaumont



### Repair and/or Elevation of Single Family Housing

Estimated Cost

**\$285,151,520**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Repair and/or elevation of detached homes affected by flooding. Differences in the terrain of certain low lying neighborhoods allowed floodwaters to inundate homes for a significant amount of time. This subsequently cut off those citizens from vital lifelines needed for survival.

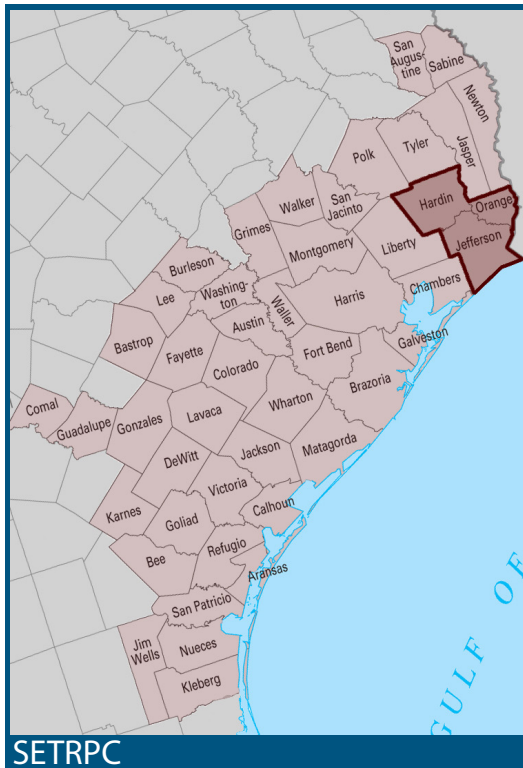
#### Benefit

This project will repair and/or elevate 1,754 detached homes that were affected by flooding in Beaumont's low lying subdivisions.

#### Return on Investment

This \$285M project will repair and/or elevate 1,754 flooded detached homes so that residents can move out of temporary housing and back to their homes to begin rebuilding their lives.

## City of Beaumont



### Residential Property Buyout

#### Estimated Cost

**\$11,673,649**

#### Proposed Funding Source

**FEMA – Disaster Relief Fund**

#### Other Possible Funding Sources

**CDBG-DR, FEMA-DLP**

#### Congressional District(s)

**14**

#### Description

This initiative will buyout properties and homes that have been identified as repetitive losses and turn the space into green space to help with future flooding and drainage control.

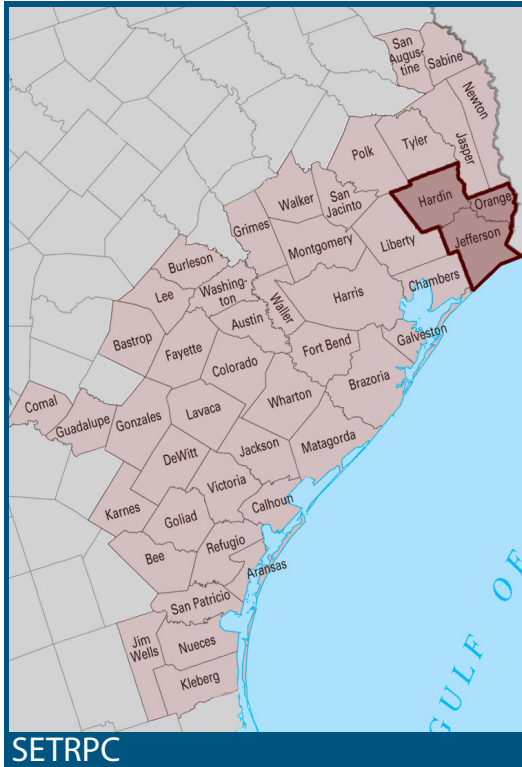
#### Benefit

This project will remove 73 properties from the floodplain that have been identified as severe repetitive losses. This will prevent future property loss and repetitive severe repair costs.

#### Return on Investment

This \$11M project will remove 73 repetitive loss properties to prevent future property loss and repetitive severe repair costs.

## City of Beaumont



### Repair and/or Elevation of Multi-Family Housing

Estimated Cost

**\$11,252,800**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

Repair and/or elevation of multi-family homes affected by flooding

#### Description

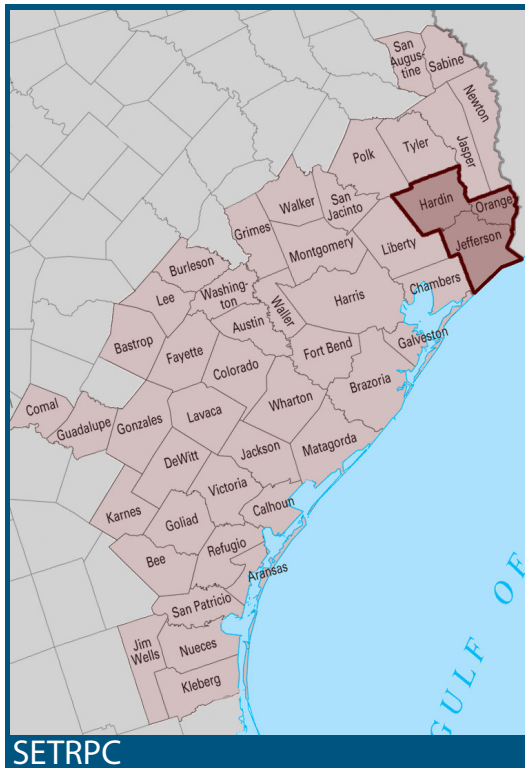
This initiative will repair and/or elevate 180 multi-family homes that were affected by flooding in Beaumont's low lying areas.

#### Benefit

#### Return on Investment

This \$11M project will repair and/or elevate 180 multi-family homes affected by flooding at \$50 - \$70/sq. ft.

## City of Beaumont



### City of Beaumont Repairs

Estimated Cost

**\$10,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

### Description

Install a 36 inch transmission line to provide City of Beaumont with redundancy for the water it supplies to the city. The line will prevent interruption in services due to a failure at the well system or the water treatment plant.

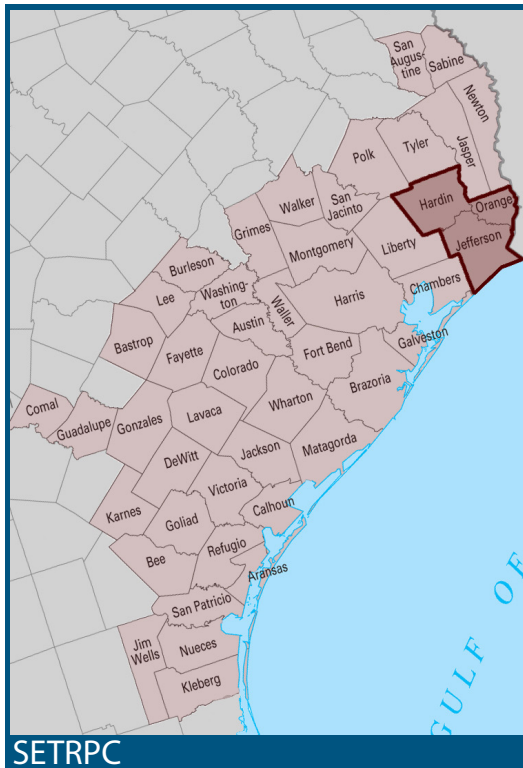
### Benefit

This project will provide redundancy for the water supply to the city. The new water transmission line will lower the risk of interruption in services due to a failure at the well system or the water treatment plant.

### Return on Investment

This \$10,000,000 project would provide clean water to Beaumont (population 118,300).

## City of Beaumont



### Buyouts and Demolitions in Floodplain

Estimated Cost

**\$8,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Offer buyouts for houses flooded within the floodplain and demolish damaged structures that are too dangerous to inhabit or repair.

#### Benefit

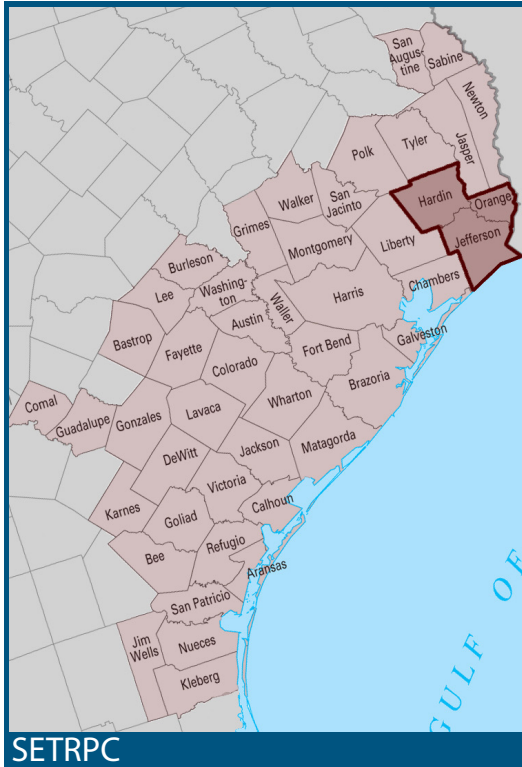
This buyout will allow homeowners to sell their property that flooded and move out of the floodplain. Damaged structures will be demolished to remove them from the floodplain. The buyout will remove 80 homes from the floodplain.

#### Return on Investment

This \$8.5 million project includes an \$8 million buyout that will allow 80 units within the floodplain to be sold and \$550K for demolitions.



## City of Beaumont



### City of Beaumont Repairs

Estimated Cost

**\$2,200,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Install new chemical feed facilities to safely store and use chlorine at the wastewater treatment plant on Lafin Road.

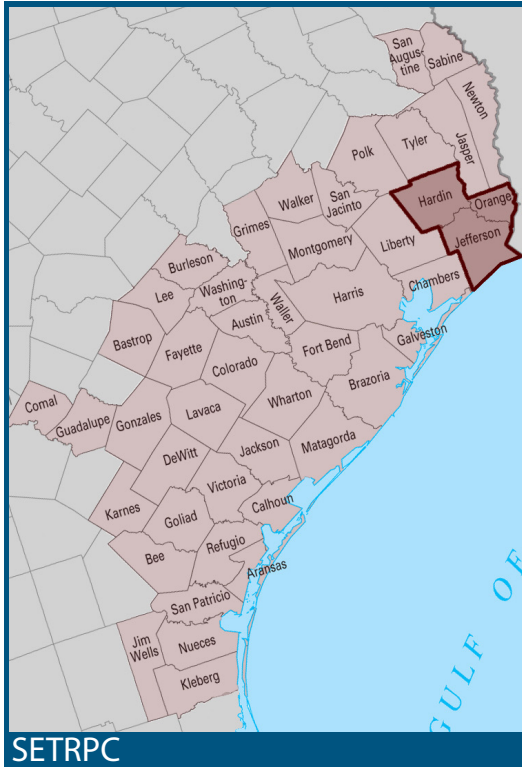
#### Benefit

This project will allow the wastewater treatment plant to safely store and use chlorine to sanitize water.

#### Return on Investment

These chlorine facilities were damaged during Hurricane Harvey and other recent flooding events. This \$2,200,000 project will help to safely store chlorine for Beaumont (population 118,300).

## City of Beaumont



### City of Beaumont Repairs

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Elevate the emergency generator that is necessary to operate the Loeb Groundwater Plant during a power outage.

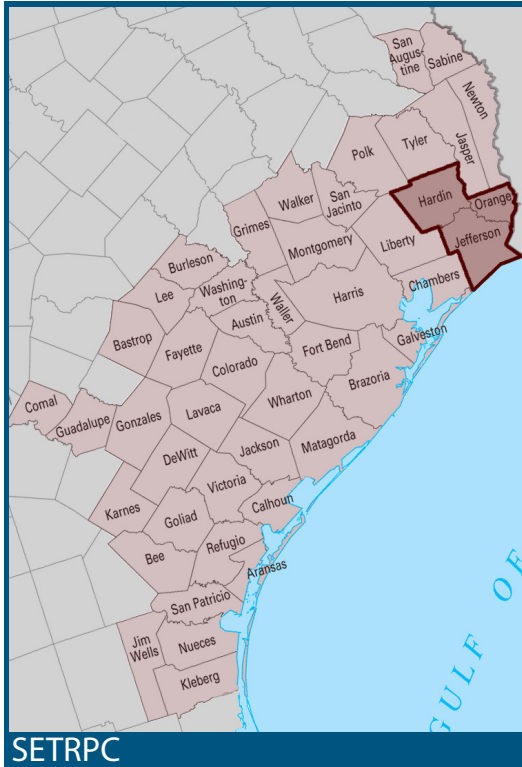
#### Benefit

This project will allow the emergency generator to function during a power outage, providing power for the Loeb Groundwater Plant as well as numerous surrounding residents.

#### Return on Investment

This \$1,000,000 project will ensure that residents of Beaumont (118,300) will have power in the event of a power outage.

## City of Beaumont



### City of Beaumont Repairs

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Elevate the emergency generator that is necessary to operate the Lawson Raw Water Intake Pump Station during a power outage.

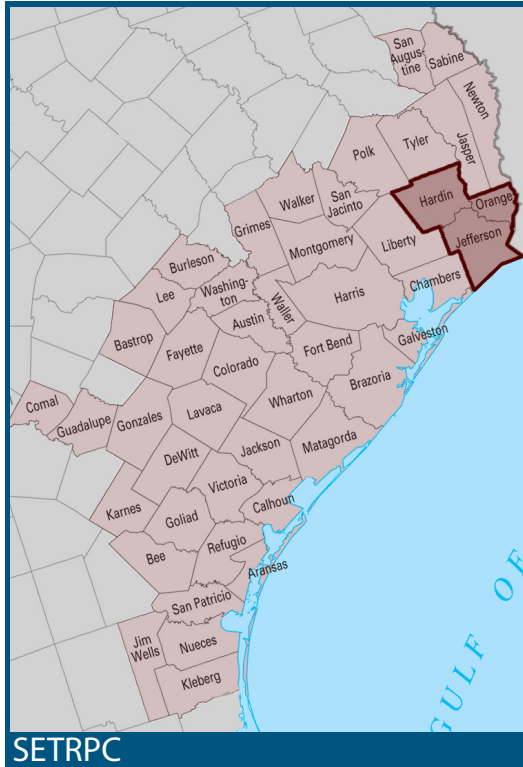
#### Benefit

This project will allow the emergency generator to function during a power outage, providing power for it surrounding residents.

#### Return on Investment

This \$1,000,000 project will ensure that residents of Beaumont (118,300) will have power in the event of a power outage.

## City of Bridge City



### Bridge City Wastewater Treatment Plant Repairs

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Repair/replace components of Bridge City's nine damaged wastewater lift stations, specifically the electrical control panels, lifting rails, piping, valves, pumps, and motors.

#### Description

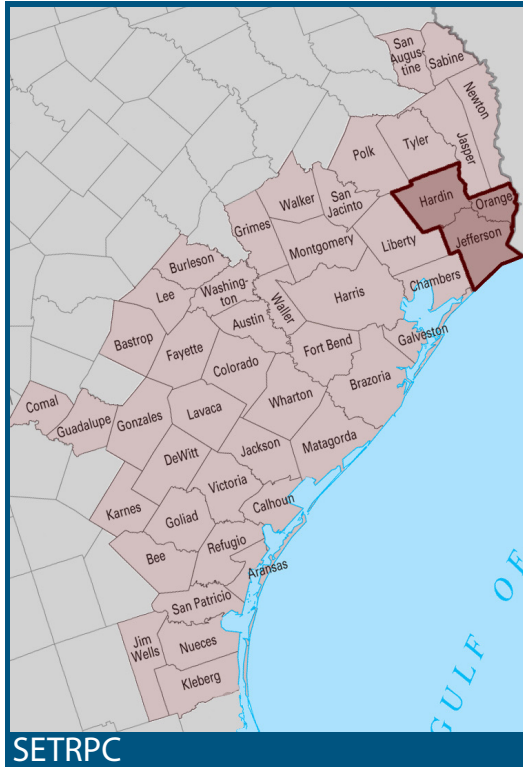
#### Benefit

#### Return on Investment

Repairing and replacing components of the wastewater lift system would prevent sewage and wastewater from becoming stagnant in the lines.

These city lift stations were damaged during Hurricane Harvey and other recent flooding events. This \$1,000,000 project would help operations run more smoothly in providing valuable services to Bridge City (population 8,100).

## City of Bridge City



### Bridge City Wastewater Treatment Plant Repairs

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

#### Description

Elevate the pumping units at Bridge City Wastewater Treatment Plant, associated piping, and all electrical systems a minimum of 6 feet. Rehabilitate/replace torqued rake arms and the sludge return pump from the storm water clarifier. Build a new catwalk and hand rails for the 35 foot diameter clarifier.

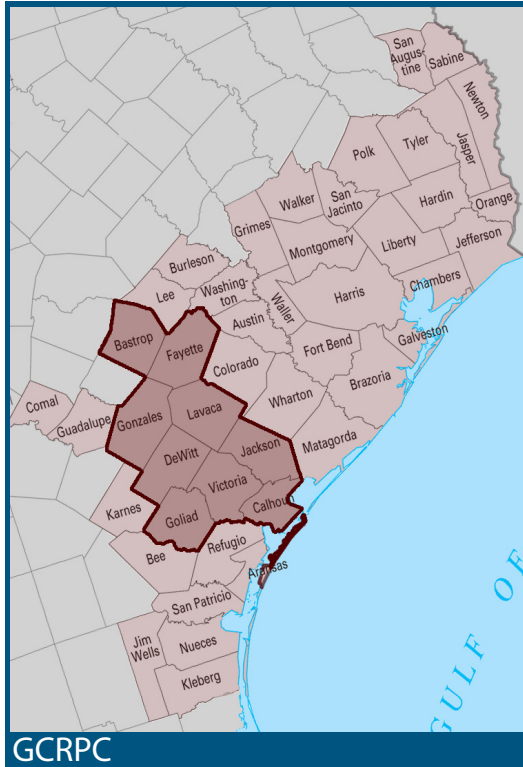
#### Benefit

This project would elevate components of the wastewater treatment plant, which would lower the risk of damage to these components from potential floods in the future.

#### Return on Investment

This \$1,000,000 project would help the water treatment plant continue operations for Bridge City (population 8,100) in the event of a flood.

## Calhoun County



### Calhoun County Buildings and Equipment

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

#### Description

Repair and replacement of all buildings and equipment that were damaged or lost during the storm, to include contents and vehicles in the coastal area of Calhoun County.

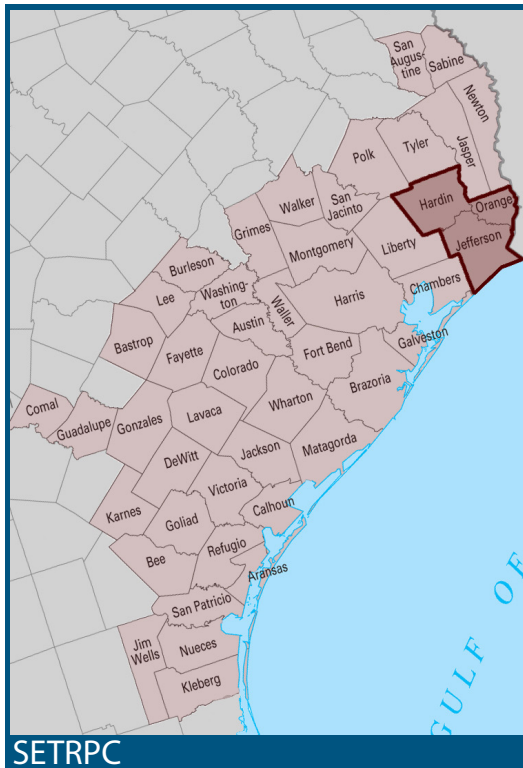
#### Benefit

The repair of buildings and equipment will facilitate the function of Calhoun County officials the ability to service the community in a timely manner and bring residents back to the area as soon as possible.

#### Return on Investment

The investment of \$1 million will restore revenue streams and proper operational functions of the facilities to county officials and private citizens of Calhoun County. These updated and functional services will allow them to operate in habitable conditions and serve the community.

## City of China



### City of China Wastewater Collection System Cleaning and Repairs

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Replace approximately 30,000 linear feet of 6 inch and 8 foot collection lines in the City of China's Wastewater Collection System that were impacted with mud and debris brought about by Harvey floodwaters in the 0 foot to 6 foot and 6 foot to 8 foot depths.

#### Benefit

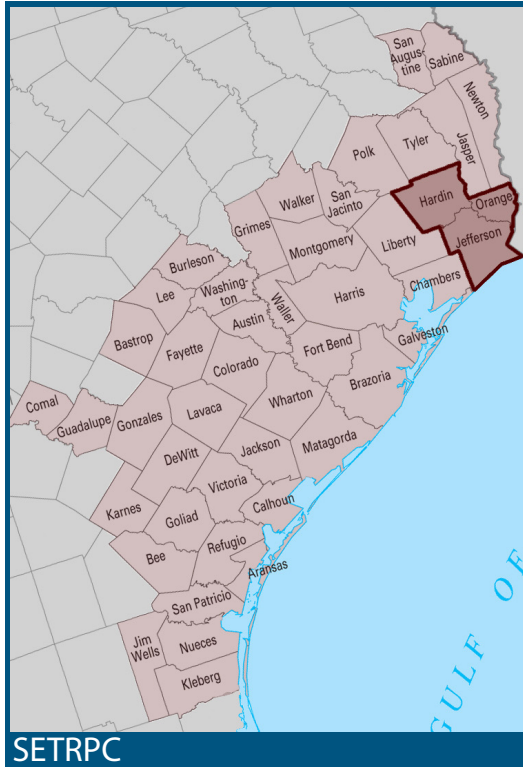
This project would provide over 5 miles of new collection lines, which would prevent sewage and wastewater from flowing outside of the lines and out in the open where it could contaminate vegetation and other sources of water.

#### Return on Investment

These wastewater collection lines were damaged during Hurricane Harvey and its subsequent flooding. This \$3,000,000 project would allow wastewater collection operations to run more effectively in providing valuable sanitation services for the City of China (population 1,200).



## City of China



### City of China Wastewater Collection System Cleaning and Repairs

Estimated Cost

**\$300,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Mechanically clean and remove mud and debris from approximately 57,000 linear feet of the City of China's wastewater collection system to restore full diameter of flow in each pipe. Some closed circuit TV inspection is necessary if excessive infiltration and inflow coupled with floodwaters cause an excessive amount of soil entry into the collection system.

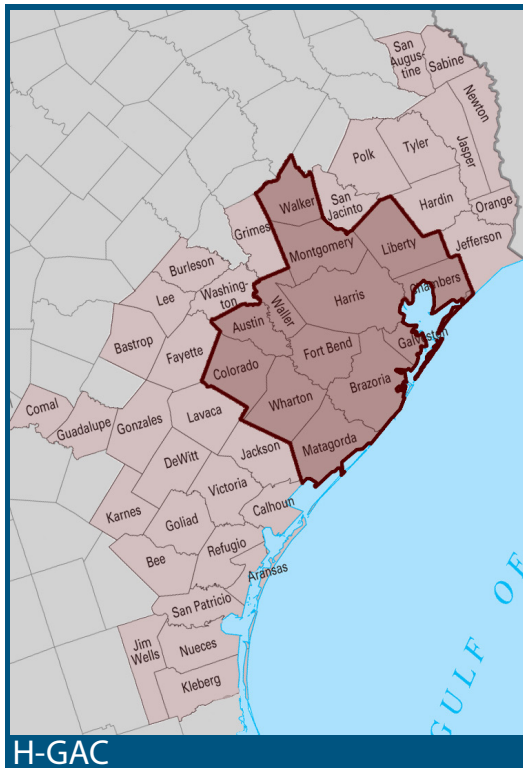
#### Benefit

This project will allow the wastewater plant to once again fulfill its purpose by treating wastewater and sewage for the cities' residents.

#### Return on Investment

This wastewater collection system was damaged during Hurricane Harvey and its subsequent flooding. This \$300,000 project would help operations run more smoothly in providing valuable services for China (population 1,200).

## City of Columbus



### Residential Property Repair

Estimated Cost

**\$14,250,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**10**

Repair to various residential structures impacted during Hurricane Harvey.

#### Description

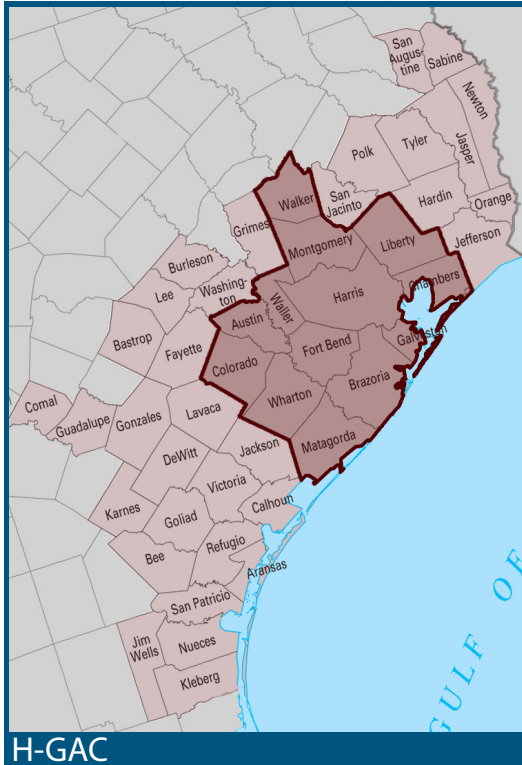
This project will repair 190 residential structures that were impacted during Hurricane Harvey.

#### Benefit

#### Return on Investment

This \$14.25M project will repair 190 residential properties impacted by Hurricane Harvey.

## City of Columbus



### McCormick WWTP River Bank Erosion

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**10**

Restoration to the bank of the Colorado River that is threatening the physical stability of the McCormick Wastewater Treatment Plant.

#### Description

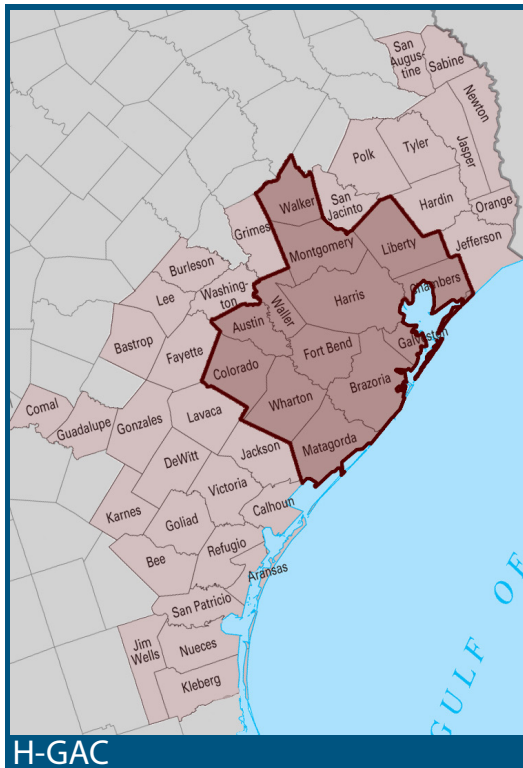
This project will prevent future erosion to the bank of the Colorado River and potential damage to the McCormick WWTP.

#### Benefit

#### Return on Investment

This investment of \$2 million will not only help to restore the river bank but will also help to update and modernize the wastewater plant services. This will make the location more resilient against future disasters.

## Fort Bend County



### Buyout and/or Elevation of Homes

Estimated Cost

**\$34,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**22, 9**

The purpose of this project is to buyout or elevate homes that have sustained damage from the recent flooding events.

### Description

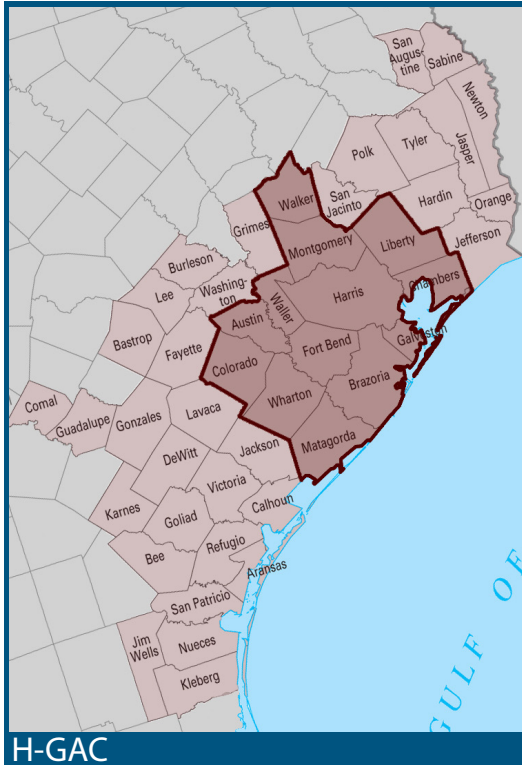
This project will buyout or elevate homes that have sustained damage from the recent flooding events to help prevent future property damage and loss.

### Benefit

### Return on Investment

\$34M to buyout or elevate homes in floodplains.

## Fort Bend County



### Fort Bend Co Oyster Creek Channel Repair

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**FEMA-DRF, CDBG-DR**

Congressional District(s)

**22, 9**

This project will repair the erosion issues with Oyster Creek as a result of severe Hurricane Harvey flooding.

#### Description

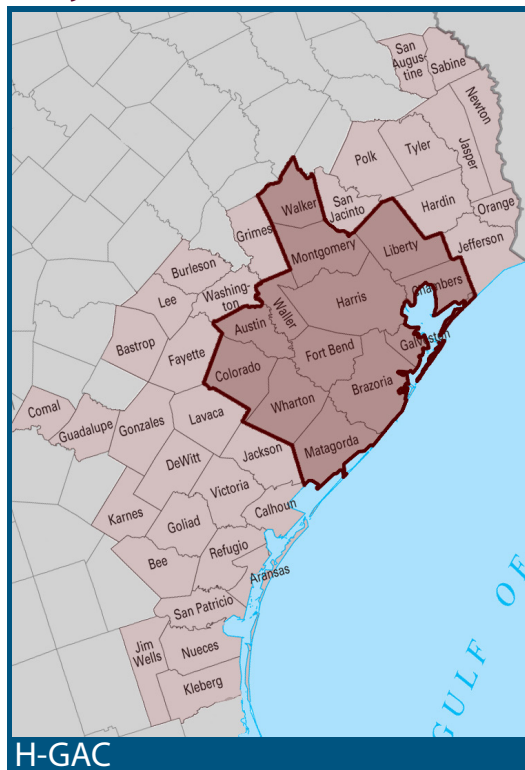
Repairing channel erosion prevents future damage to Oyster Creek Channel.

#### Benefit

#### Return on Investment

This investment of \$2 million will not only help to restore the channel but will also help to update and modernize its services. In turn, Fort Bend will be more resilient against future disasters.

## City of Friendswood



### City of Friendswood Lift Station Replacements

Estimated Cost

**\$13,250,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14, 22**

#### Description

This project would combine critically damaged lift stations 1 and 17, repair critically damaged lift stations 4, 19, 24, 25, and 27 and repair damaged lift stations 5, 13, 22, 28, and 31. Repairing these 12 lift stations damaged during Hurricane Harvey and other recent flooding events will prevent sewage and wastewater from becoming stagnant in the lines or overflowing and protect the health of Friendswood's 39,400 residents.

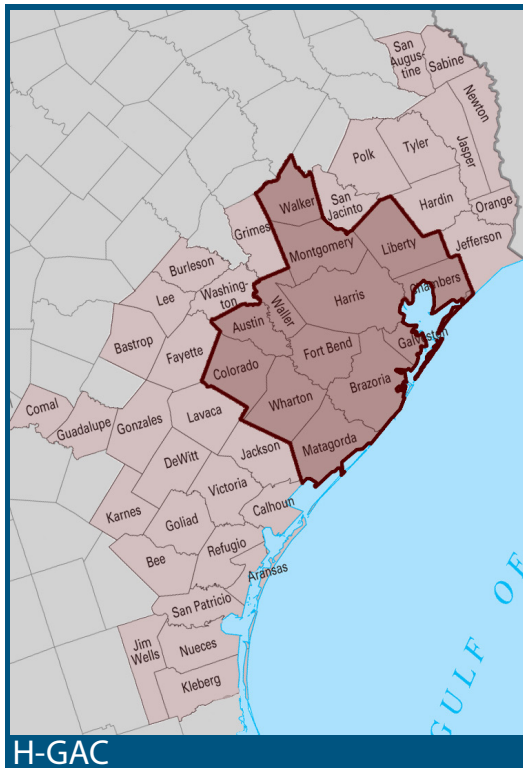
#### Benefit

Repairing this sewage infrastructure will protect public health by preventing sewage and wastewater backup and overflow, moving waste to higher elevations from lower, potentially flood-prone areas.

#### Return on Investment

This \$13,250,000 sewage infrastructure project would protect public health and help operations run more smoothly in providing valuable services to Friendswood (population 39,400).

## City of Friendswood



H-GAC

### Friendswood Public Works and Parks Building

Estimated Cost

**\$6,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14, 22**

This project is for the construction of a new complex/offices for the City of Friendswood Public Works and Parks & Recreation Departments, whose facilities were substantially damaged during Hurricane Harvey.

#### Description

#### Benefit

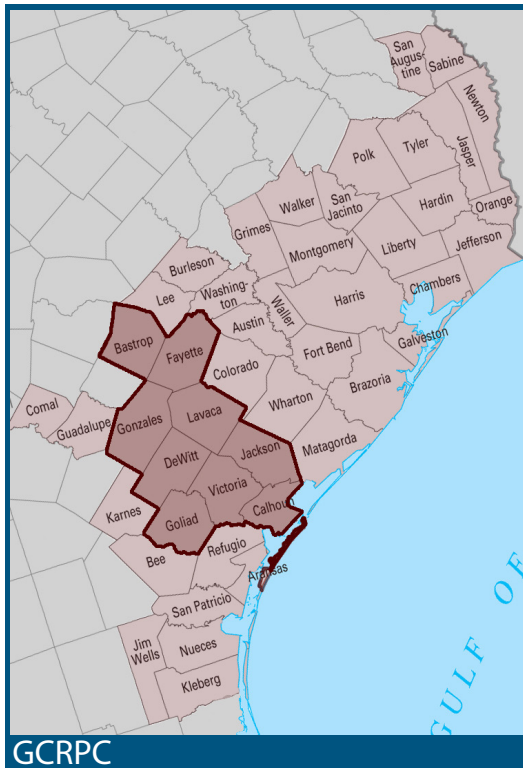
The relocation and construction of the Public Works and Parks & Recreation departments will bring these departments back to full operational capability and the relocation to more suitable locations will mitigate the potential for future flooding.

#### Return on Investment

This investment of \$6 million will not only help to restore services to the citizens of Galveston County but will also help to update and modernize its services. In turn, Galveston County will be more resilient against future disasters. Further, this investment will add 12 new jobs (FTEs).



## City of Goliad



### City of Goliad Water Well Replacements

Estimated Cost

**\$1,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**34**

This project replaces 2 of the city's water wells at \$750,000 each damaged during Hurricane Harvey

#### Description

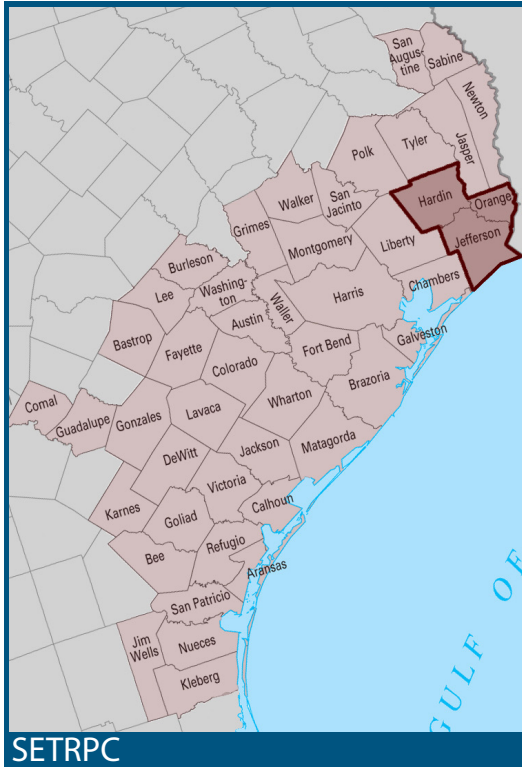
This project will provide clean water to 2,000 residents.

#### Benefit

#### Return on Investment

These two wells were damaged during Hurricane Harvey and other recent flooding events. This \$1,500,000 project would provide clean water for Goliad (population 2,000).

## City of Groves



### Wastewater Pumping Station Rehabilitation

Estimated Cost

**\$1,420,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

This project rehabilitates sewer lines, electrical control panels, piping systems, valves, pumps, and motors at the wastewater pumping station that sustained flood damage during Hurricane Harvey.

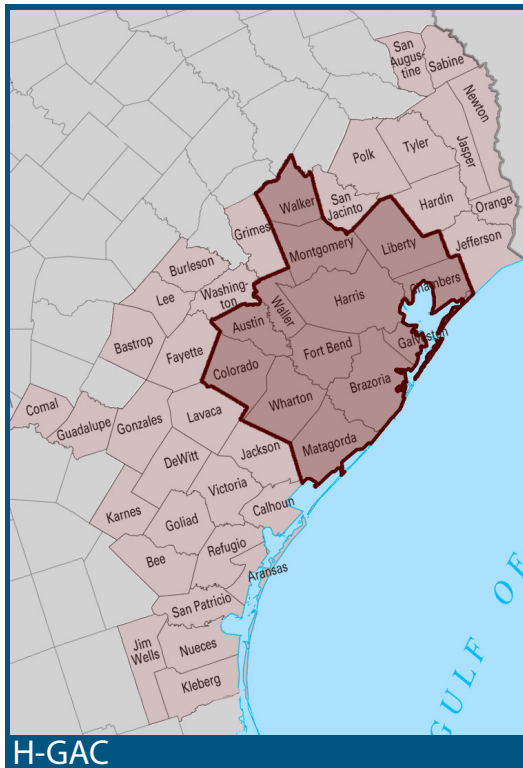
#### Benefit

This project will restore the wastewater pumping station's functionality and protect the health of the city's 16,000 residents by better controlling wastewater flows.

#### Return on Investment

This \$1,420,000 project will rehabilitate the wastewater pumping station to restore functionality and reduce public health risks.

## Harris County Community Services



### Repair Single Family Homes

Estimated Cost

**\$3,814,790,400**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

### Description

This project rebuilds, repairs, and elevates (as needed) 30,864 owner-occupied units damaged/destroyed by Hurricane Harvey.

### Benefit

This funding will help rebuild/repair 30,864 owner-occupied units that may otherwise remain damaged, improving the health and safety of Harris County residents and preventing blight.

### Return on Investment

This \$3.8 billion project will repair 30,864 single homeowner units damaged/destroyed by Hurricane Harvey, helping those residents maintain safe, healthy homes and neighborhoods.

## Harris County Community Services



### Rental Rehab/New Construction

#### Estimated Cost

**\$453,200,000**

#### Proposed Funding Source

**FEMA – Disaster Relief Fund**

#### Other Possible Funding Sources

**CDBG-DR, SBA**

#### Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

### Description

This project rehabs/replaces/increases 5,500 rental units that were affected by Hurricane Harvey and repetitive flooding.

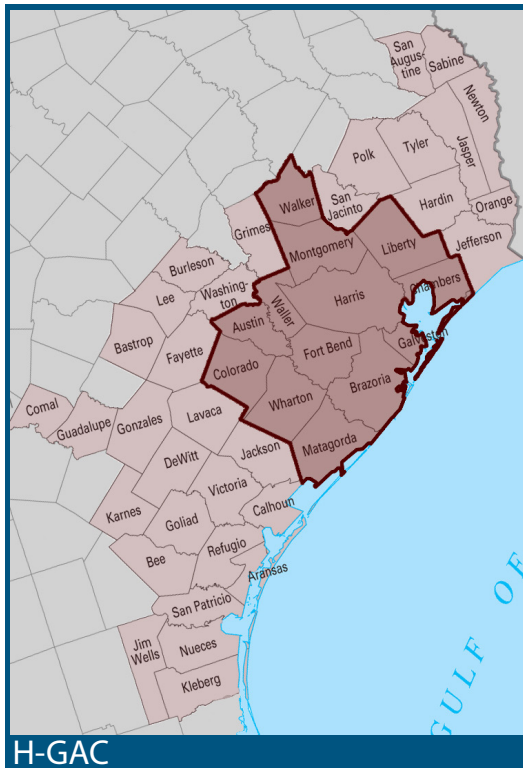
### Benefit

The rehabilitation/replacements/increase of 5,500 rental housing units will provide housing opportunities for displaced Harris County residents.

### Return on Investment

This \$453M project will rehabilitate 5,500 housing units that have been lost to flooding or acquired as a result of repetitive flooding, providing homes to thousands of county residents.

## Harris County Flood Control District



### Harris County Flood Control Emergency Repairs

Estimated Cost

**\$15,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**2, 36, 10, 18, 29, 7, 9, 8, 22**

This project both completes emergency repairs and undertakes repair or replacement of other disaster damaged infrastructure in the Harris County Flood Control District.

### Description

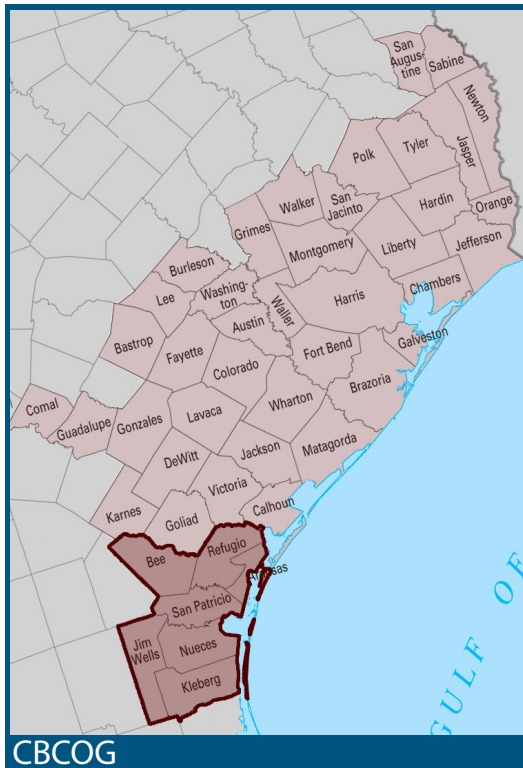
These repairs and improvements will allow the Harris County Flood Control to resume normal services to its citizens.

### Benefit

### Return on Investment

This investment of \$15 million will not only help to restore services to the citizens of Harris County but will also help to update and modernize its services. In turn, Harris County will be more resilient against future disasters. Further, this investment will add 30 new jobs (FTEs).

## City of Ingleside



CBCOG

### City of Ingleside Utilities System Improvements

Estimated Cost

**\$3,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

#### Description

With the loss of power during Hurricane Harvey, water and sewer services provided to residents were severely impacted. Water system improvements include diesel power generators, water pumps and improvement to ground storage facilities. Sewer system improvements include diesel power generators for the 16 lift stations. The utility system building and storage were damaged by Hurricane Harvey. It is proposed that a new facility be developed that would include interior storage to protect equipment and provide space for inventory, a kitchen and sleeping quarters for utility system responders.

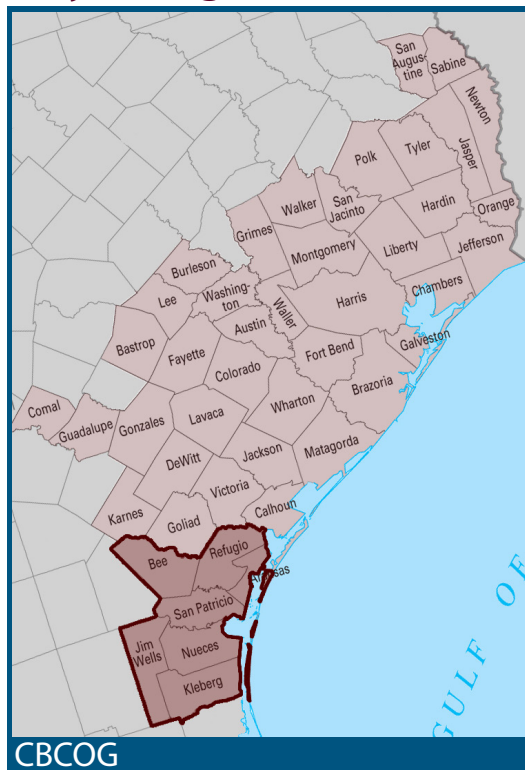
#### Benefit

This project will allow the water and sewer services to function properly even in future hurricane scenarios. The new facility would include interior storage to protect equipment and provide space for inventory, and a kitchen and sleeping quarters for utility system responders, thus improving the city's ability to maintain and restore utility services.

#### Return on Investment

This \$3.5 million project would prevent unnecessary damages to property by decreasing loss of power and overflow of sewer systems and eliminate costs of repairing damages for approximately 10,000 residents.

## City of Ingleside



### Reuse and Expansion of Fire Department facility

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

### Description

This project repairs and renovates the Ingleside City volunteer fire department (VFD) facility. The Volunteer Fire Department facility sustained damage from Hurricane Harvey. Immediately following Hurricane Harvey, this facility provided shelter for dozens of firefighters, and other first responders. The current configuration does not provide adequate facilities for sleeping, dining or communications. Making these modifications would enhance responders safety and readiness.

### Benefit

Facility repairs will restore VFD functionality. Modifying the facility, which shelters first responders in storm situations to include sleeping, dining or communication facilities will increase capacity and utility and enhance responders' safety and readiness.

### Return on Investment

This \$3M effort will lead to greater security and safety for the community and first responders.



## Jacinto City



### Jacinto City Wastewater Treatment Plant

Estimated Cost

**\$17,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**29, 18**

#### Description

This project rehabilitates the wastewater treatment plant so as to prevent backing up of sewage into homes, as occurred during Hurricane Harvey flooding. Sewage backup poses a serious human health risk.

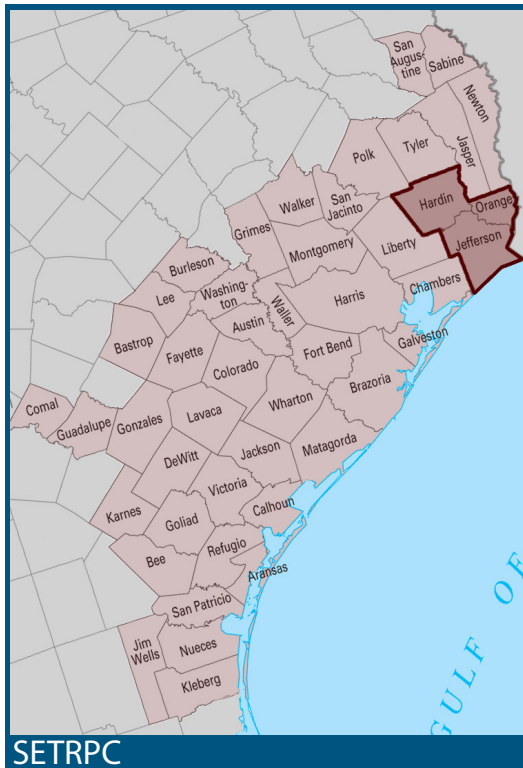
#### Benefit

This project will prevent sewage from backing up into homes, which can result in human health concerns.

#### Return on Investment

This \$17,500,000 project will enable the treatment plant to better process overflow during these natural disaster events.

## Jefferson County



### Disaster Housing Recovery

Estimated Cost

**\$750,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

### Description

This project helps provide temporary and permanent housing to residents of approximately 15,000 homes not covered by Insurance at average of \$50,000/home.

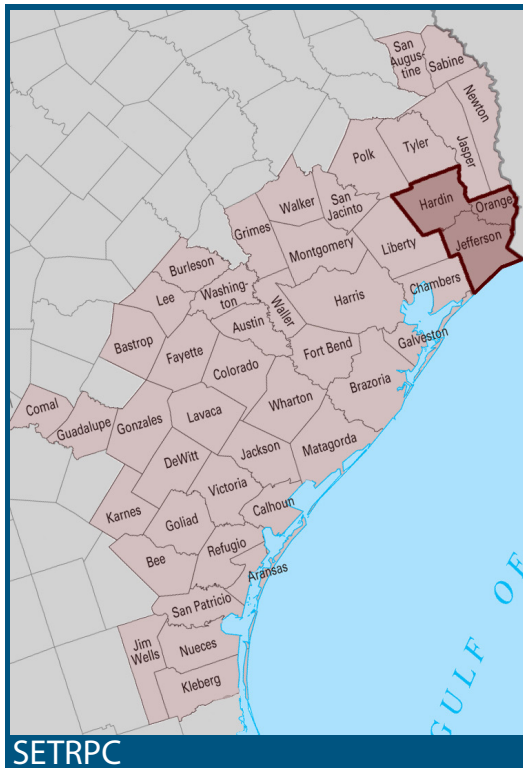
### Benefit

This project provides housing to approximately 15,000 families whose homes were not covered by insurance, providing them with housing security in the wake of Hurricane Harvey.

### Return on Investment

This \$750M project will provide temporary and permanent housing for 15,000 homes not covered by insurance at an average of \$50,000/home, restoring housing for many families displaced by Hurricane Harvey.

## Jefferson County



SETRPC

### Jefferson County Emergency Service Districts

Estimated Cost

**\$4,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

#### Description

This project replaces generators, fuel tanks, equipment for Emergency Service Districts lost due to flooding and loss of power.

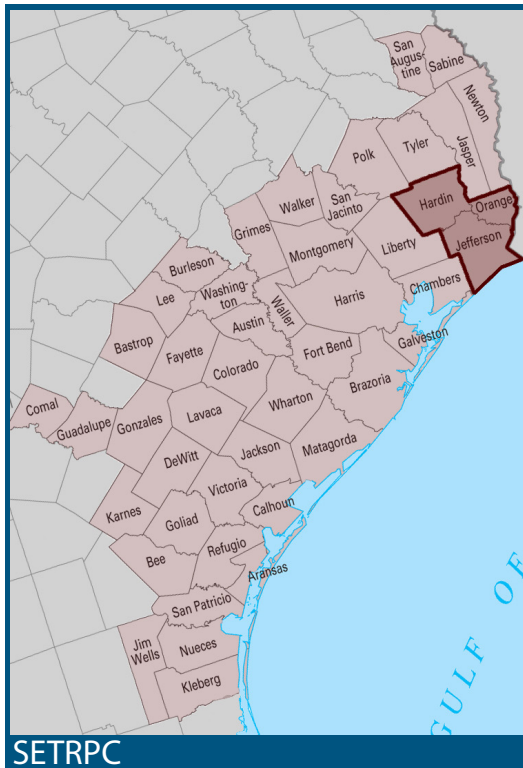
#### Benefit

This project replaces equipment lost in the flood that is essential to emergency management and response functions during an emergency.

#### Return on Investment

The \$4 million investment retains the county's ability to respond to and manage critical incidents.

## Jefferson County Water Control & Improvement District #10



SETRPC

### Jefferson County Water Control & Improvement District #10 Wastewater Treatment Plant

Estimated Cost

**\$1,000,000**

Proposed Funding Source  
**FEMA – Disaster Relief Fund**

Other Possible Funding Sources  
**CDBG-DR, SBA**

Congressional District(s)  
**14**

#### Description

Relocate all electrical control panels, switchgears, and generators to a higher elevation. Build a new structure at a higher elevation above the Harvey flood line.

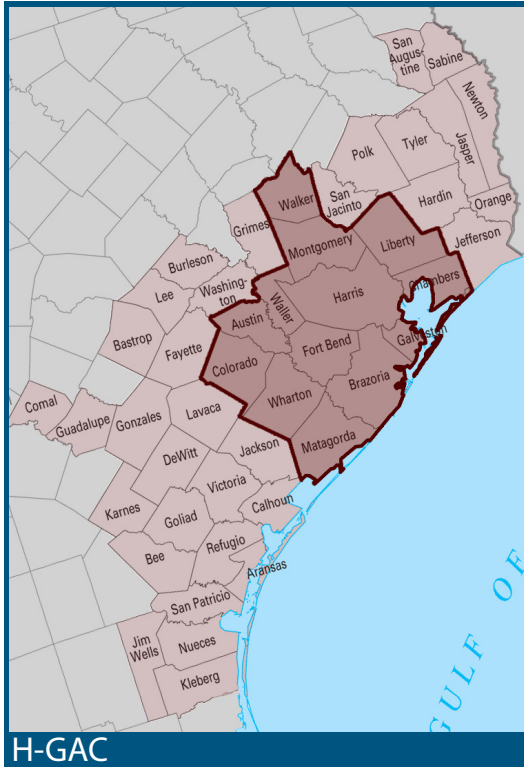
#### Benefit

This project will allow essential equipment to be raised above the flood line preventing it from receiving flood damage, which would stop operations during highwater situations and allow the escape of wastewater out into the open to contaminate freshwater sources.

#### Return on Investment

During Hurricane Harvey, the electrical components were damaged due to flooding. This \$1M to move the electrical components of the treatment plant will prevent future damage and keep the plant operational during these types of natural disaster events to prevent flooding and eliminate cost of repairing damages for over 250,000 residents.

# City of Katy



## Wastewater Plant Improvements

## Estimated Cost

\$453,144

## Proposed Funding Source

## FEMA – Disaster Relief Fund

## Other Possible Funding Sources

## CDBG-DR, SBA

### Congressional District(s)

10, 22

## Description

Construct an elevated control room and offices at the City of Katy Wastewater Treatment Plant. Build a new building 24 inches above the 2017 flood water mark.

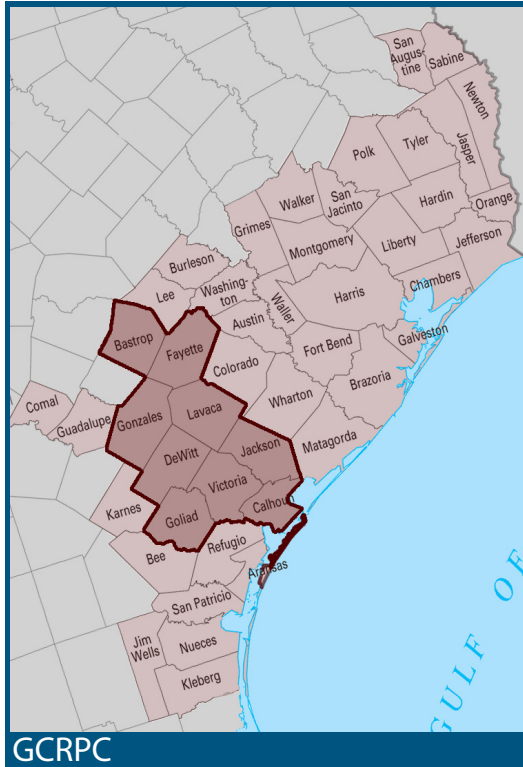
## Benefit

This project would prevent the control room and other offices from flooding at the city's wastewater treatment plant. This will prevent vital wastewater treatment operations from slowing down during floods.

## Return on Investment

During Hurricane Harvey, the electrical components were damaged due to flooding. This \$453K project to move the electrical components of the treatment plant will prevent future damage and keep the plant operational during these type of natural disaster events to prevent flooding and eliminate cost of repairing damages of over 16,000 residents.

## City of La Grange



### Residential Property Replacement

#### Estimated Cost

**\$21,250,000**

#### Proposed Funding Source

**FEMA – Disaster Relief Fund**

#### Other Possible Funding Sources

**CDBG-DR, SBA**

#### Congressional District(s)

**10**

#### Description

Replace 170 residential structures destroyed during Hurricane Harvey and the subsequent flooding of the Colorado River in the City of La Grange. These manufactured home neighborhoods include the Oaks Trailer Village Mobile Home Park as well as the Country Way Village and the Colorado landing RV park.

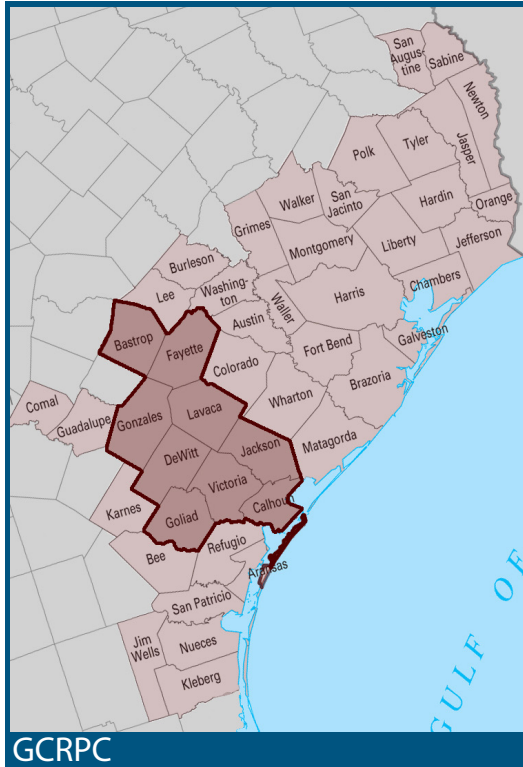
#### Benefit

This project will help to replace 170 residential structures in the City of La Grange that were destroyed due to flooding during Hurricane Harvey and bring residents back to the area to begin clean up and rebuilding.

#### Return on Investment

This \$21.25M project will replace 170 residential structures destroyed by Hurricane Harvey at \$125K per unit. This investment will bring families back to the La Grange area and out of temporary housing.

## City of La Grange



### Residential Property Repair

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**10**

#### Description

Repair 80 residential structures impacted during Hurricane Harvey and subsequent flooding of the Colorado River in the City of La Grange. These properties are in the area North of Travis St, west of Water St, and south of Hanacek Ln. The primary area is land surrounding the Kruschel Memorial Park.

#### Benefit

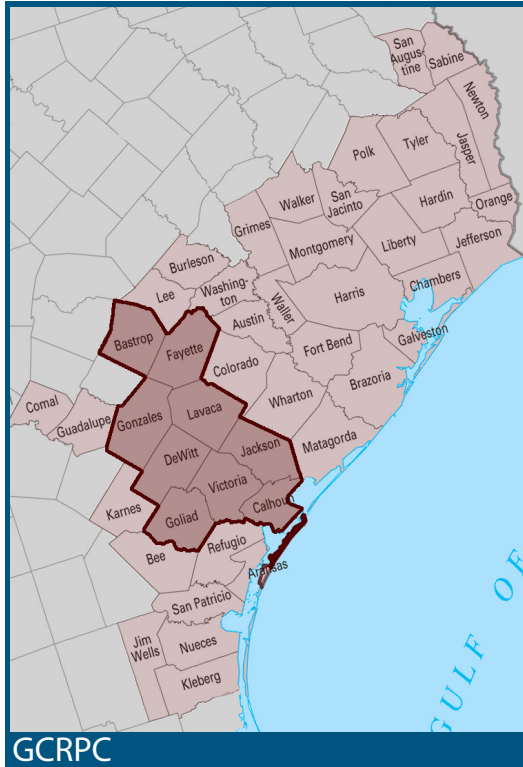
This project will help to repair 80 residential structures impacted due to flooding during Hurricane Harvey in the City of La Grange. The residents will be able to return to their homes and begin rebuilding their community.

#### Return on Investment

This \$2M project will repair 80 various residential structures impacted by Hurricane Harvey at an average of \$25,000 in repair costs for each structure. This investment will aid in bring back families to these homes and giving them a suitable environment in which to live.



## City of La Grange



### La Grange Electrical Repairs to Water Facilities

Estimated Cost

**\$750,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**10**

Repair electrical controls and components at four of the city well water facilities damaged during by Hurricane Harvey and the flooding of the Colorado River.

#### Description

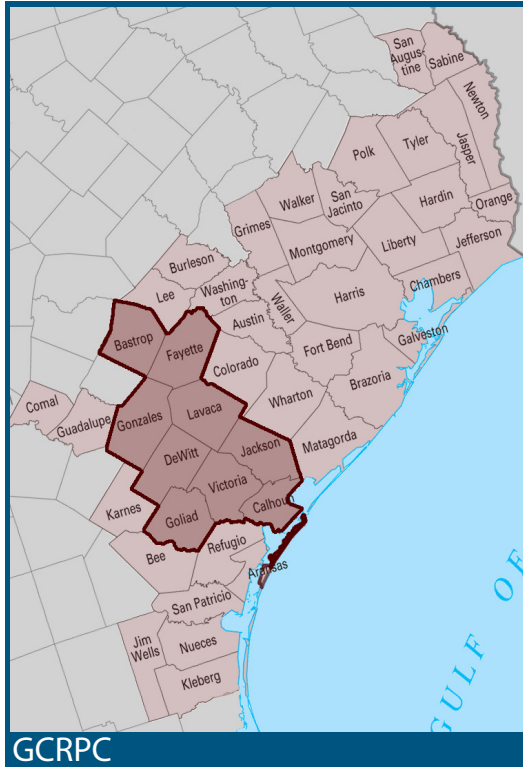
#### Benefit

This project would repair four city water well facilities, which would provide clean water to numerous residents. During Hurricane Harvey there were four wells underwater due to the flooding of the Colorado River. This would help prevent this during future catastrophic events.

#### Return on Investment

During Hurricane Harvey, the electrical components were damaged due to flooding. This \$750K project will move the electrical components of the treatment plant to a higher location which will prevent future damage and keep the plant operational during these types of natural disaster events to prevent flooding and eliminate cost of repairing damages for approximately 5,000 residents.

## City of La Grange



### La Grange Electrical Repairs to Water Facilities

Estimated Cost

**\$200,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**10**

#### Description

Repair electrical controls and components at three lift station facilities and the wastewater treatment plant office damaged during Hurricane Harvey because of the flooding of the Colorado River.

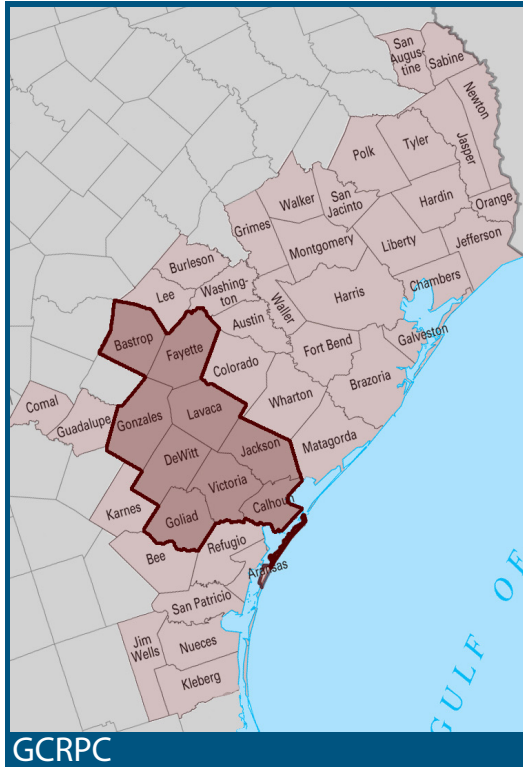
#### Benefit

This project would bring back on-line the lift stations that were damaged because of flood waters and prevent future malfunctions from occurring. This would in-turn prevent pumping operations from slowing down during floods and keep flooding to a minimum in the La Grange area.

#### Return on Investment

During Hurricane Harvey, the electrical components were damaged due to flooding. This \$200K project to move the electrical components of the treatment plant will prevent future damage and keep the plant operational during these type of natural disaster events to prevent flooding and eliminate cost of repairing damages for approximately 5,000 residents.

## City of La Grange



### La Grange City Maintenance Facility

Estimated Cost

**\$150,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**10**

Repair City of La Grange maintenance operations facility impacted during Hurricane Harvey and the subsequent flooding of the Colorado River.

#### Description

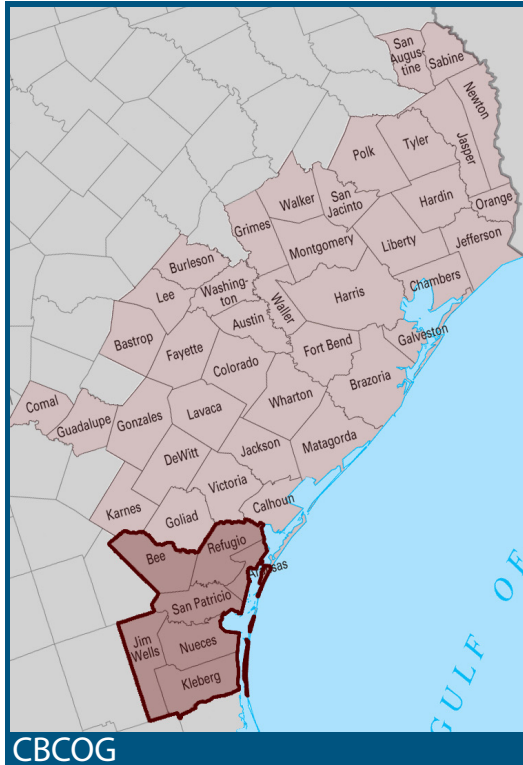
This project replaces county equipment lost during the flood that is essential to county maintenance, repair and response functions during an emergency situations.

#### Benefit

#### Return on Investment

This \$150,000 project will restore and retain the ability for city maintenance officials to perform city-wide maintenance, repair, mitigation efforts, as well as future emergency response functions.

## Nueces County



### Nueces County Facilities Restoration

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Nueces County is requesting these funds to repair/restore/replace facilities damaged by flooding.

#### Description

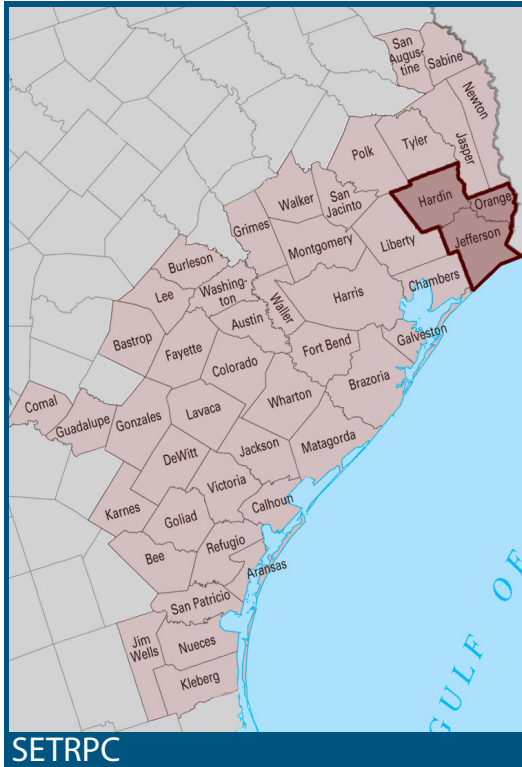
These repairs and improvements will allow Nueces County to resume normal services to its citizens.

#### Benefit

#### Return on Investment

This investment of \$3 million will not only help to restore services to the citizens of Nueces County but will also help to update and modernize county facilities.

## City of Orange



SETRPC

### Orange Regional Wastewater Interceptor Sewer System

Estimated Cost

**\$75,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Build, replace, rehabilitate, and repair elements of the Regional Wastewater Interceptor Sewer System.

#### Description

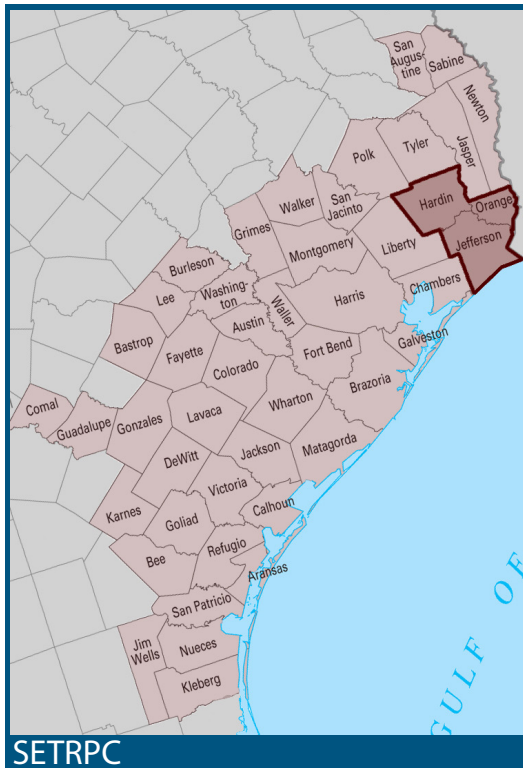
This project would prevent sewage from flowing into the streets during a storm.

#### Benefit

#### Return on Investment

Homes and other structures were flooded during Hurricane Harvey and other recent major rainfall events. This \$75M project will prevent flooding of sewage and wastewater in these areas and eliminate costs of repairing damages for approximately 19,000 residents.

## Orange County



### Residential Property Buyout

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Buyout homes that were substantially damaged during Hurricane Harvey.

### Description

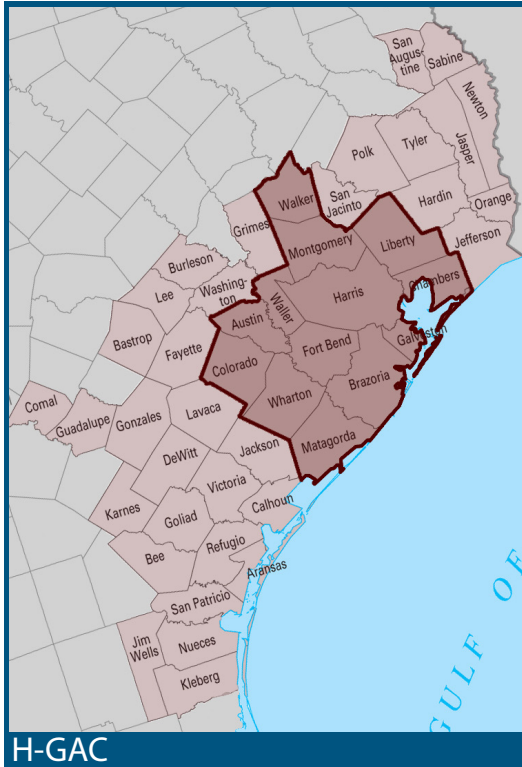
### Benefit

This project would provide funds for the county to buyout property from homeowners in unincorporated areas who want to sell. The purpose is to give homeowners the ability to sell property that was flooded and they are unable to afford rebuilding.

### Return on Investment

\$20M to buyout property from homeowners in unincorporated areas who want to sell, but who are unable to afford to rebuild.

## City of Pasadena



### City of Pasadena Water and Wastewater Repairs

Estimated Cost

**\$4,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36, 29**

#### Description

Repair and renovate existing water and wastewater systems to make them more flood-resistant.

#### Benefit

This project would repair storm damage and prevent sewage from flowing into the streets during a storm.

#### Return on Investment

These water and wastewater systems were flooded during Hurricane Harvey and other recent major rainfall events. This \$4.5M project will allow for proper treatment of wastewater and sewage in this area to prevent flooding and eliminate cost of repairing damages for approximately 153,000 residents.



## City of Pasadena



### City of Pasadena Water and Wastewater Repairs

Estimated Cost

**\$430,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36, 29**

Repair the wastewater treatment plants, and wastewater and stormwater lift stations damaged during recent floods.

#### Description

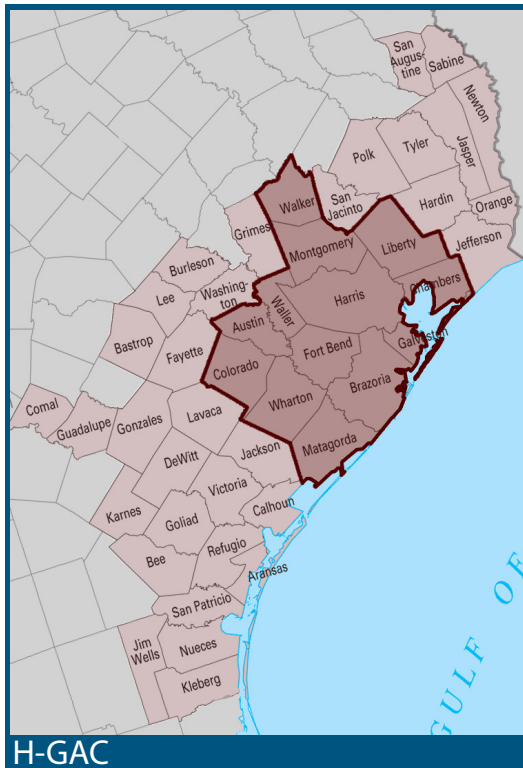
This project would repair storm damage and prevent sewage from flowing into the streets during a storm.

#### Benefit

#### Return on Investment

These water and wastewater systems were flooded during Hurricane Harvey and other recent major rainfall events. This \$430K project will allow for proper treatment of wastewater and sewage in this area to prevent flooding and eliminate cost of repairing damages for approximately 153,000 residents.

## City of Pasadena



### City of Pasadena Court Building

Estimated Cost

**\$280,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36, 29**

### Description

This project will repair and renovate the currently uninhabitable Court Building, fixing water damage, roof and roof flashing damage, resulting interior damage to improvements, modernizing and replacing contents as necessary.

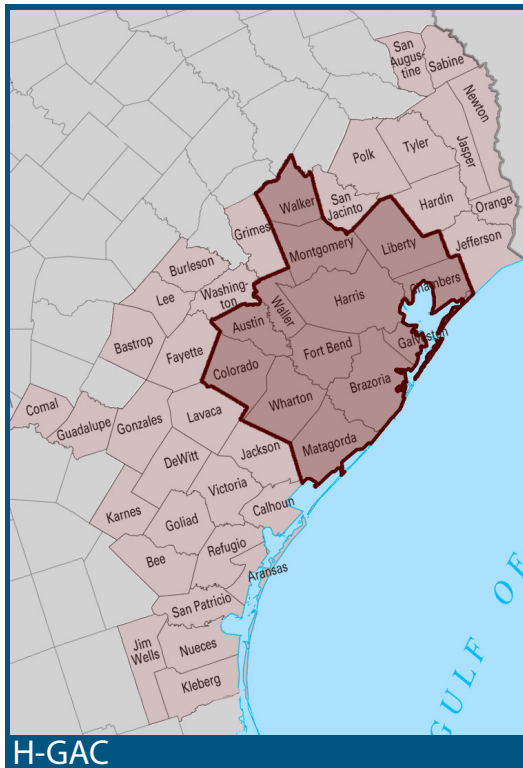
### Benefit

These repairs and improvements will allow the Pasadena Municipal Court to resume normal services to its citizens.

### Return on Investment

This investment of \$280,000 will not only help to restore services to the citizens of Pasadena but will also help to update and modernize city infrastructure.

## City of Pearland



### Residential Property Buyout

Estimated Cost

**\$50,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**22**

### Description

This project would provide funds for the city to buyout approximately 250 homes (of the 1,000 total flooded) that were identified as substantially damaged, repetitive and severe repetitive loss properties

### Benefit

This will provide funds without cost-sharing requirements, to reduce future losses and help encourage and provide resources to homeowners to move out of the floodplain.

### Return on Investment

\$50M to buyout and remove 250 properties that are in the floodplain, eliminating repetitive losses in future flooding events.

## City of Pearland



### City of Pearland Wastewater Treatment Plant Flow Diversion and Sanitary Sewer Lift Station Hazard

Estimated Cost

**\$1,000,000**

Proposed Funding Source  
**FEMA – Disaster Relief Fund**

Other Possible Funding Sources  
**CDBG-DR, SBA**

Congressional District(s)  
**22**

#### Description

Elevate control panels of pumps flooded during Hurricane Harvey. Elevate or convert non-submersible pumps to submersible pumps where non-submersible pumps have become inoperable.

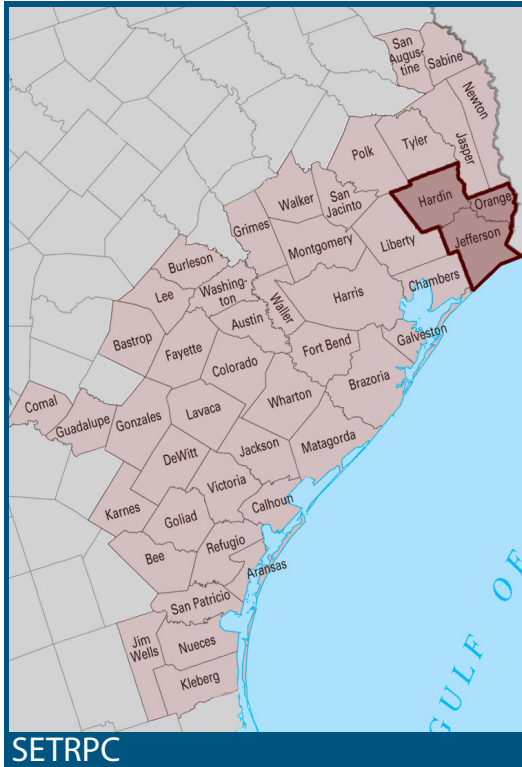
#### Benefit

This project would renovate and protect the sanitary sewer lift station from damage and time offline because of rising water in the future, eliminating higher construction costs to build a more complex sewage system and allow sewage and wastewater to flow through by gravity .

#### Return on Investment

This \$1M project would eliminate higher construction costs and prevent flooding and eliminate cost of repairing damages for approximately 109,000 residents.

## City of Pine Forest



### Pine Forest City Hall

Estimated Cost

**\$1,050,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**22, 9**

### Description

The Pine Forest City Hall building was destroyed during Hurricane Harvey. The city seeks to demolish and replace the current inoperable building.

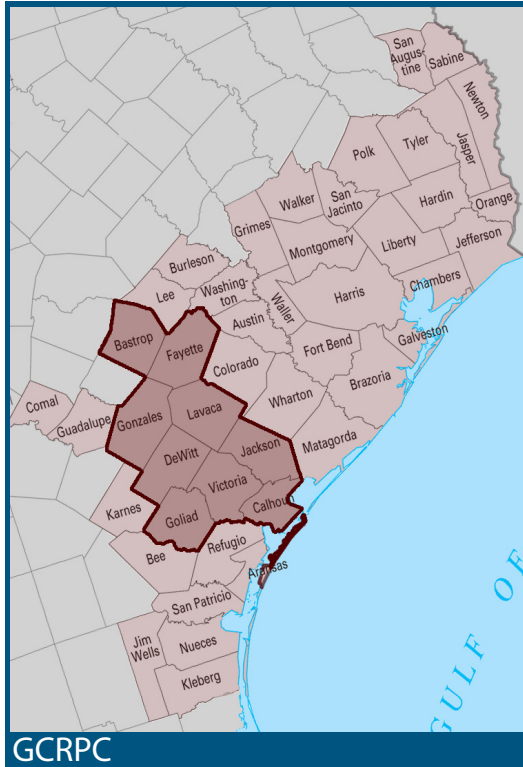
### Benefit

Pine Forest has been unable to resume full services to its citizens. The new building will also the city to again function at its normal capacity.

### Return on Investment

This investment of \$1,050,000 will not only help to restore services to the citizens of Pine Forest but will also help to update and modernize city processes.

## City of Port Lavaca



### Port Lavaca Bauer Community Center

Estimated Cost

**\$500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Port Lavaca is requesting these funds to repair the roof of the community center which was damaged during Hurricane Harvey.

#### Description

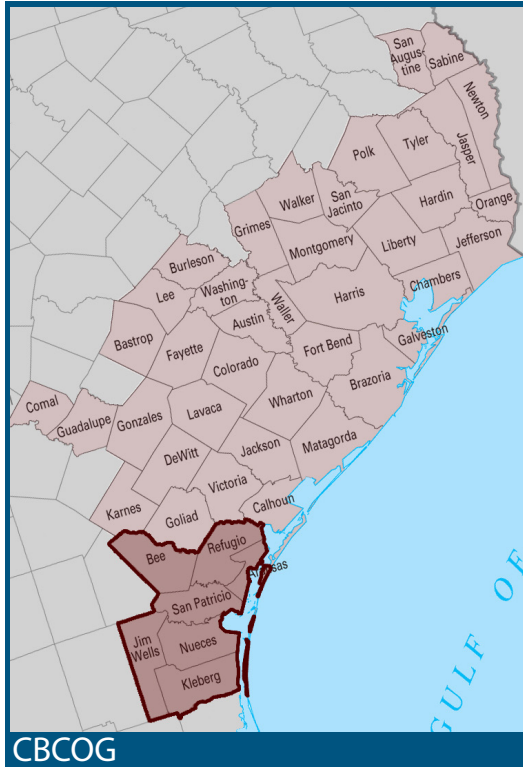
These repairs and improvements will allow the community center to resume normal services to its citizens.

#### Benefit

#### Return on Investment

This investment of \$500,000 will not only help to restore services to the citizens of Port Lavaca but will also help to update and modernize its building.

## Refugio County



### Refugio County--O&M Revenue

Estimated Cost

**\$30,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**FEMA-DRF**

Congressional District(s)

**27**

Mitigate the loss of revenue and tax base; basis is \$3M per for 10 years.

#### Description

This request is being made to help Refugio County maintain its tax base and revenue while it continues to rebuild from Hurricane Harvey.

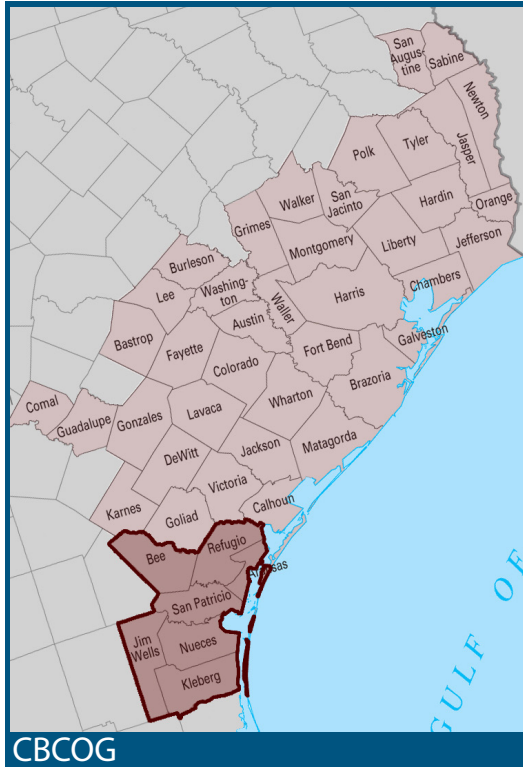
#### Benefit

#### Return on Investment

This \$30 million investment will help Refugio County meet its financial obligations during the recovery phase of Hurricane Harvey. Further, this investment will add 62 new jobs (FTEs).



## Refugio County



### Temporary and Long Term Housing

#### Estimated Cost

**\$4,000,000**

#### Proposed Funding Source

**FEMA – Disaster Relief Fund**

#### Other Possible Funding Sources

**CDBG-DR**

#### Congressional District(s)

**27**

Purchase of private land in unincorporated areas of county for RVs/Trailers, with associated installation of roads, water, sewer, and power infrastructure.

#### Description

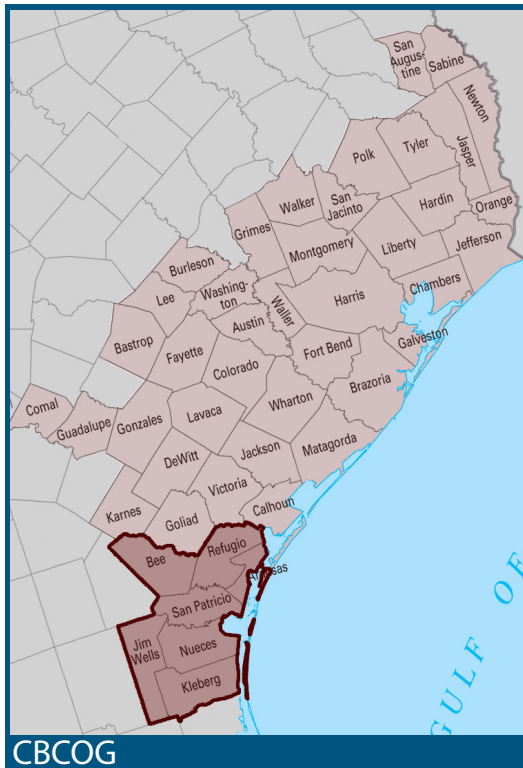
Creation of a designated facility for temporary housing trailers, to provide immediate shelter for this and future emergencies.

#### Benefit

#### Return on Investment

This \$4M project will help to create a park for the location of temporary accommodations to address current and future housing needs.

## Refugio County



### Reconstruct Critical County Infrastructure

Estimated Cost

**\$3,250,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

#### Description

Several elements of the county's critical infrastructure were destroyed by the storm. This project will reconstruct county operations buildings, roadway maintenance equipment facilities, and numerous county roads to restore these critical infrastructure elements to safe operations to enable the recovery of the county.

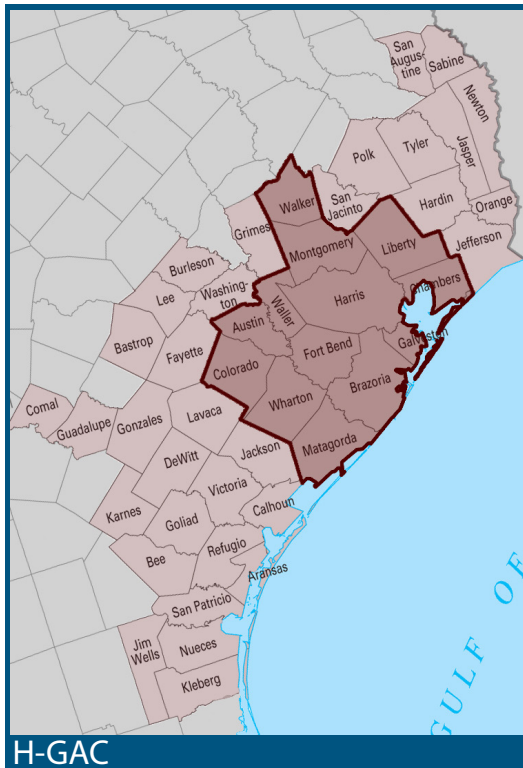
#### Benefit

Hurricane Harvey caused significant widespread damage to the entire county. Operational and safe public infrastructure is critical to enabling the long-term recovery efforts that will be required to bring Refugio County back from this storm. This project will provide the resources necessary to restore key public infrastructure elements.

#### Return on Investment

This \$3.25 million project will provide the necessary resources to restore essential public infrastructure for the 7300 residents of this important rural county on the Texas Gulf Coast and the responders who are helping these communities recover from the impacts of Hurricane Harvey.

## City of Richwood



### Single-Family Housing Rehabilitation

Estimated Cost

**\$8,260,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

Rehabilitate damaged homes that sustained damage during Hurricane Harvey.

#### Description

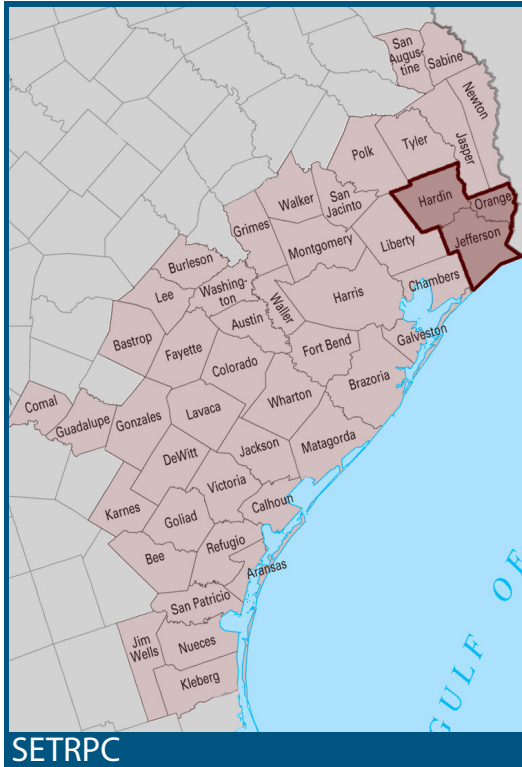
This funding will help rehabilitate 263 houses that sustained damage during the Hurricane, allowing families to return to their homes.

#### Benefit

#### Return on Investment

This \$8.26M project will rehabilitate 263 homes at an estimated \$31,401/home.

## City of Rose City



### Rose City City Hall

Estimated Cost

**\$1,200,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

Rehabilitation of existing city hall due to damage sustained by Hurricane Harvey

#### Description

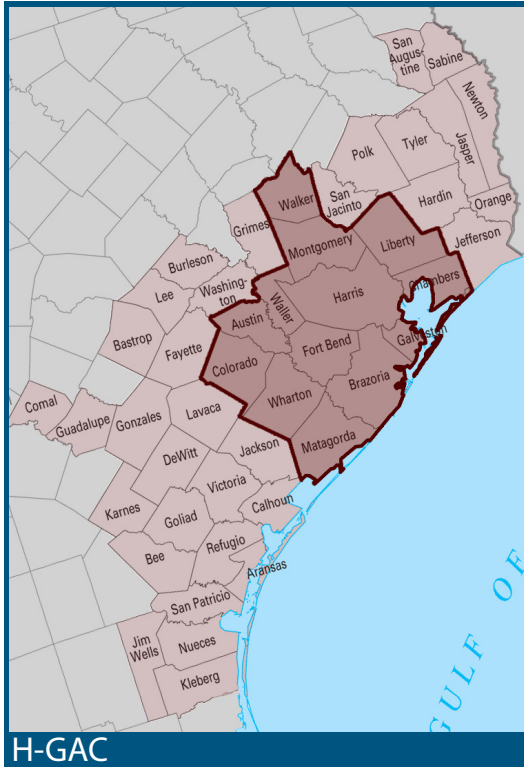
These repairs and improvements will allow the city hall to resume normal services to its citizens.

#### Benefit

#### Return on Investment

This investment of \$1.2 million will not only help to restore services to the citizens of Rose City but will also help to update and modernize its building.

# City of Santa Fe



## Santa Fe Non-Potable Water

## Estimated Cost

\$1,000,000

Proposed Funding Source  
FEMA – Disaster Relief Fund

## Other Possible Funding Sources

CDBG-DR, SBA

Congressional District(s)  
14

## Description

Elevate non-potable water system and chlorine system at the sewer treatment plant.

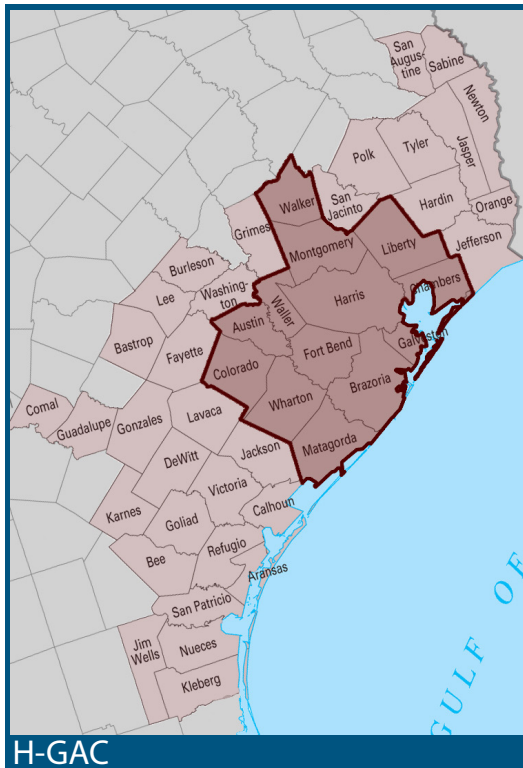
## Benefit

This project would protect the sanitary water system from damage from rising water in the future.

## Return on Investment

This water system was damaged during Hurricane Harvey. This \$1M project would eliminate higher construction costs to build a more complex sewage system and allow sewage and wastewater to flow through by gravity, and prevent flooding and eliminate cost of repairing damages for approximately 13,000 residents.

## City of Seabrook



### City of Seabrook Wastewater Treatment Plant

Estimated Cost

**\$35,310,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Relocate the wastewater treatment plant away from a storm surge zone.

#### Description

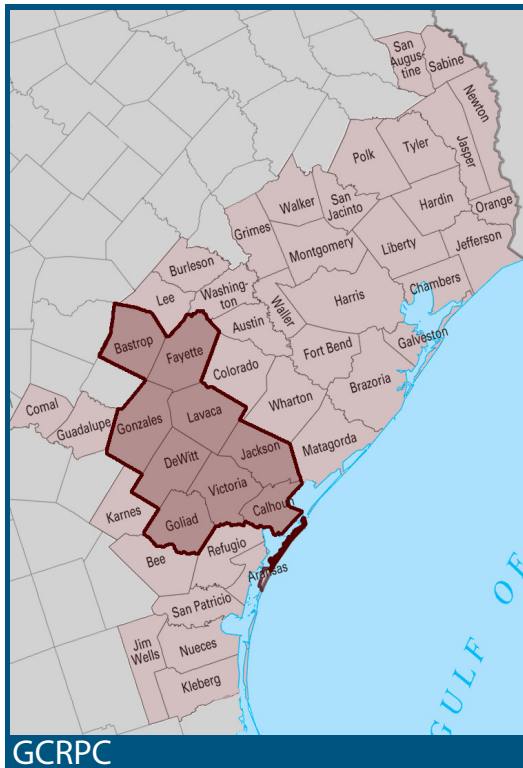
#### Benefit

#### Return on Investment

These water and wastewater systems were flooded during Hurricane Harvey and other recent major rainfall events. This project would lower the risk of the wastewater treatment plant and the people it serves from being affected by future storm surges.

This \$35,310,000 project to relocate will allow for proper treatment of wastewater and sewage in this area and prevent flooding and eliminate cost of repairing damages which have exceeded \$50M per event.

## City of Seadrift



### A.D. Powers Bayfront Park Shoreline/ Seawall

Estimated Cost

**\$5,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Repair of approximately 3,600 linear feet of damaged seawall, including areas severely eroded behind seawall and seawall itself leaning outward because numerous tie-backs are broken.

### Description

These improvements will repair damage to the seawall and restore it back to its optimal state, preventing collapse and providing for the safety of residents and visitors.

### Benefit

### Return on Investment

This \$5 million investment will not only restore the damaged seawall but will also make it more resilient to damage from future storms. Further, this investment will add 10 new jobs (FTEs).



## City of Simonton



### Voluntary Buyout and Re-Development of Residential Properties

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**22**

Financial assistance for voluntary buyout of pre-FIRM residential structures that have flooded twice in the last 15 months and for re-development.

#### Description

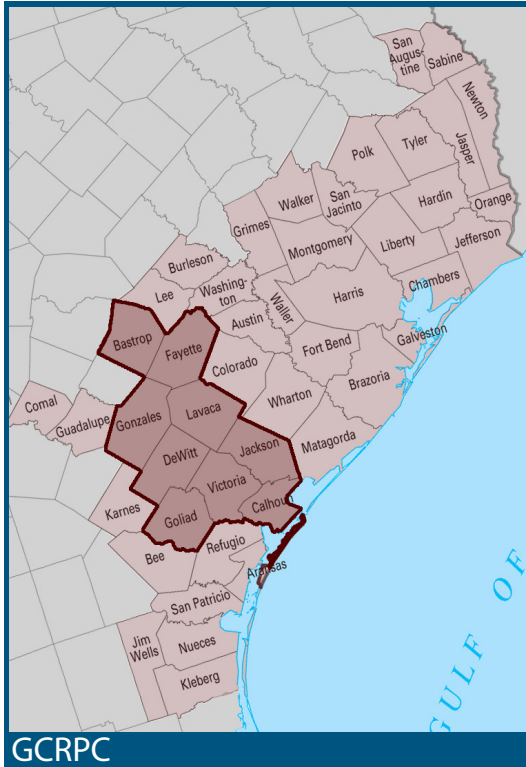
#### Benefit

#### Return on Investment

This project will help provide financial assistance for the voluntary buyout and redevelopment of 150-200 pre-FIRM homes and properties that are prone to flooding. Properties that are bought out will be eligible for re-development under current FEMA and NFIP regulations.

These properties were flooded during Hurricane Harvey and other recent rainfall events. This \$20 million project will help reduce future damage and loss of properties, while allowing better-suited redevelopment that will revitalize the city's tax base.

## Victoria County



### Victoria County Building Repair/ Mitigation

Estimated Cost

**\$7,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Repair and mitigation of all damaged county buildings due to flooding from Hurricane Harvey.

#### Description

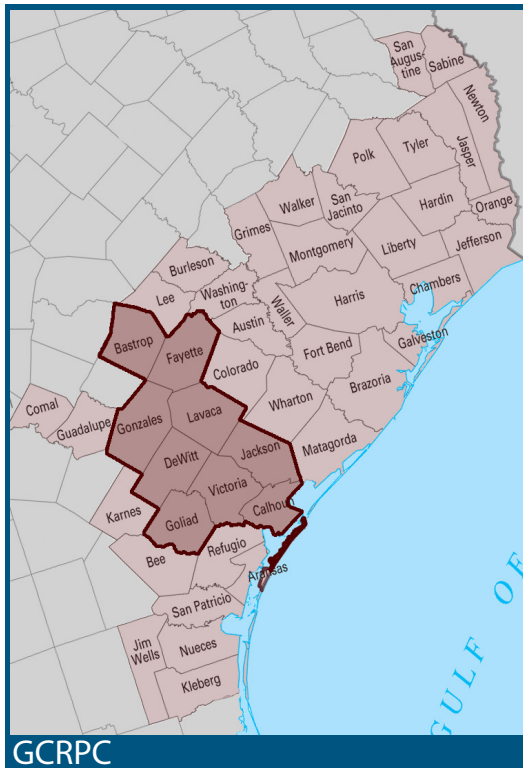
These repairs and improvements will allow Victoria County to resume normal services to its citizens.

#### Benefit

#### Return on Investment

This \$7.5 million investment will not only help to restore services to the citizens of Victoria County but will also help to update and modernize county equipment and services. Further, this investment will add 16 new jobs (FTEs).

## Victoria County



GCRPC

### Acquire or Rebuild Substantially Damaged Homes

Estimated Cost

**\$4,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

Acquisition of substantially damaged under/non-insured homes (with possible alternative to elevate).

### Description

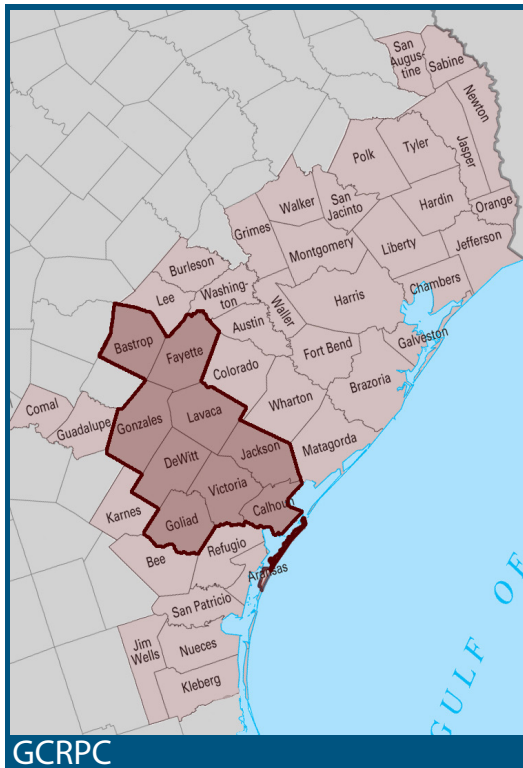
### Benefit

This project will help either acquire substantially damaged 30 homes and remove them from flood prone areas or help homeowners elevate their home to reduce the risk of damage and loss.

### Return on Investment

\$4M to acquire 30 substantially damaged homes that are under or non-insured. There could be a possibility to elevate some of the homes to avoid future flooding.

## Victoria County



### Residential Property Buyout

Estimated Cost

**\$3,750,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

Buyout homes that were substantially damaged during Hurricane Harvey.

#### Description

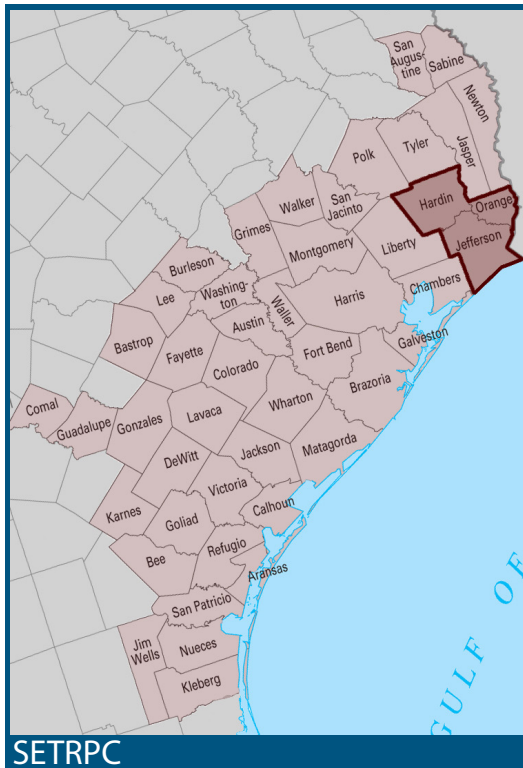
These buyouts will remove 15 homes that were damaged by flooding during Hurricane Harvey.

#### Benefit

#### Return on Investment

Investing \$3.75 M to acquire 15 homes to replace with additional green space will help mitigate the risk of flooding and avoid future losses. If houses are elevated, it will assist with mitigating the risk of flooding with future storms.

## City of Vidor



### City of Vidor--Demo and Replace Occupied Housing

Estimated Cost

**\$18,750,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Demolish and replace substandard homes to owners/tenants. Provide temporary housing during demo process.

#### Description

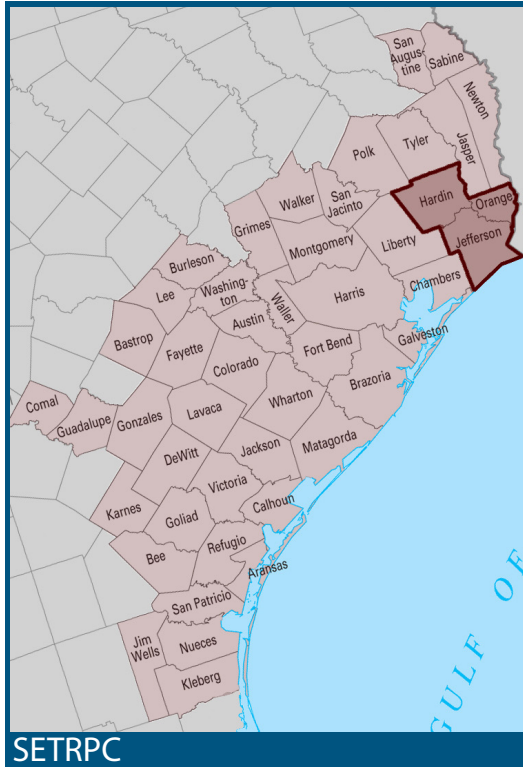
This project will help demolish and replace 150 properties that will not be remediated/repared by the owner/tenant.

#### Benefit

#### Return on Investment

This \$18.75M project will help provide temporary housing to owners/tenants of homes that need to be demolished and replaced.

## City of Vidor



### Vidor Demo Vacant Residential Structures

Estimated Cost

**\$4,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Demo abandoned houses that will not be rehabilitated.

#### Description

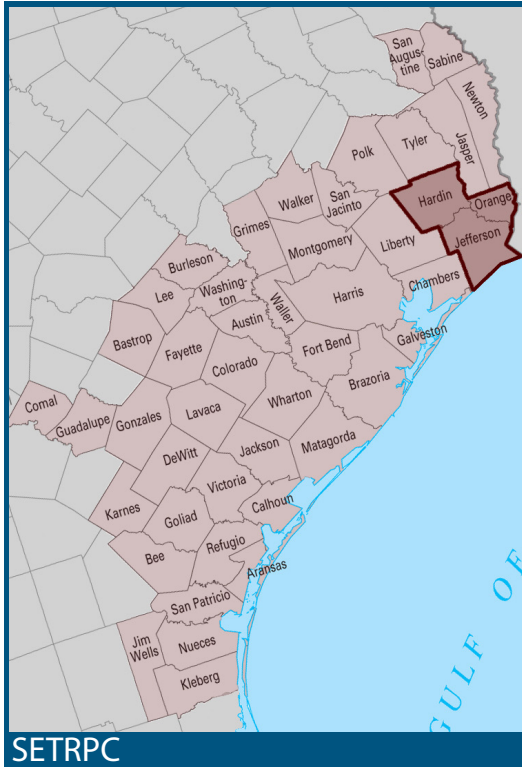
This project will help demolish 500 abandoned homes that will not receive rehabilitation or repair by the property owner.

#### Benefit

#### Return on Investment

This \$4M project will help demolish 500 abandoned homes at \$8k/demo that will not otherwise receive rehabilitation or repair by the property owner.

## City of Vidor



### Vidor City Hall Flood Repair

Estimated Cost

**\$295,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

#### Description

Repair flooded City Hall and replace damage to furniture/equipment.

#### Benefit

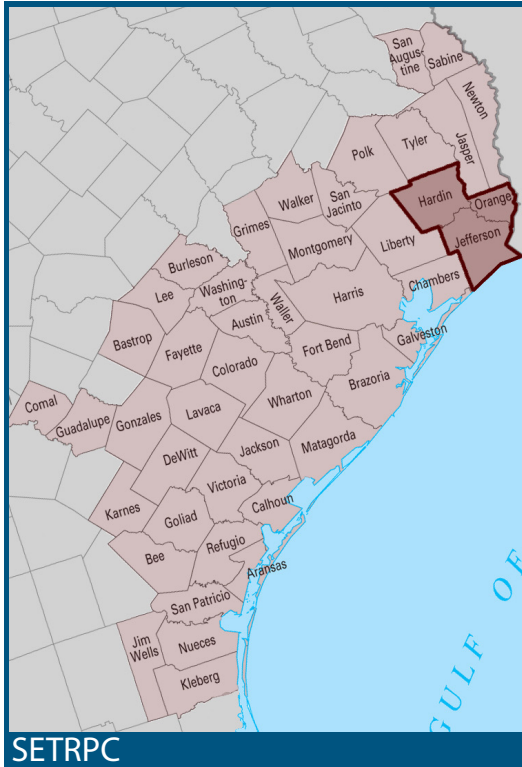
These repairs and improvements will allow Vidor City Hall to resume essential services to its citizens.

#### Return on Investment

This \$295,000 investment will restore essential city services to the citizens of Vidor and mitigate future storm water damages to building and equipment.



## City of West Orange



### West Orange WCID No. 2 Wastewater Treatment Plant

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Relocate and elevate flooded electrical equipment waste water treatment plant.

#### Description

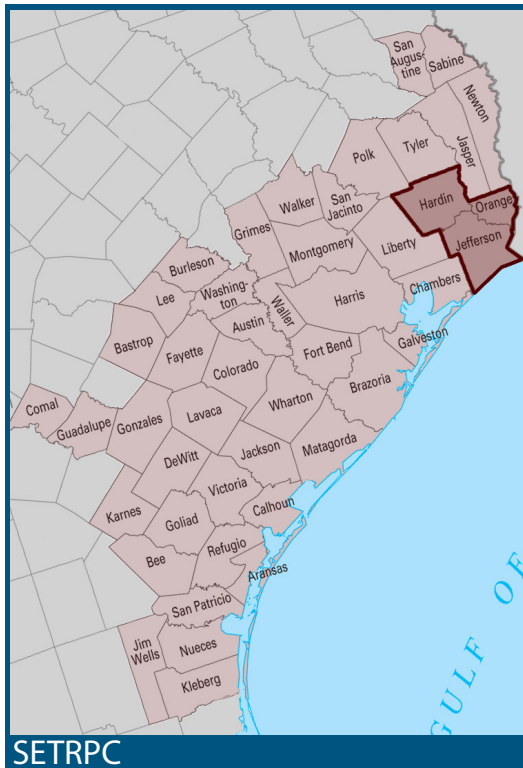
The elevation of electrical equipment and waste water treatment plant will ensure these critical services remain operational in future flood events.

#### Benefit

#### Return on Investment

This \$1 million investment of electrical equipment and waste water treatment plant will ensure these critical services remain operational in future flood events thus ensuring better health and safety to the citizens of Orange.

## City of West Orange



SETRPC

### West Orange WCID No. 2 Wastewater Treatment Plant

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Elevate electrical equipment and control on lift stations.

#### Description

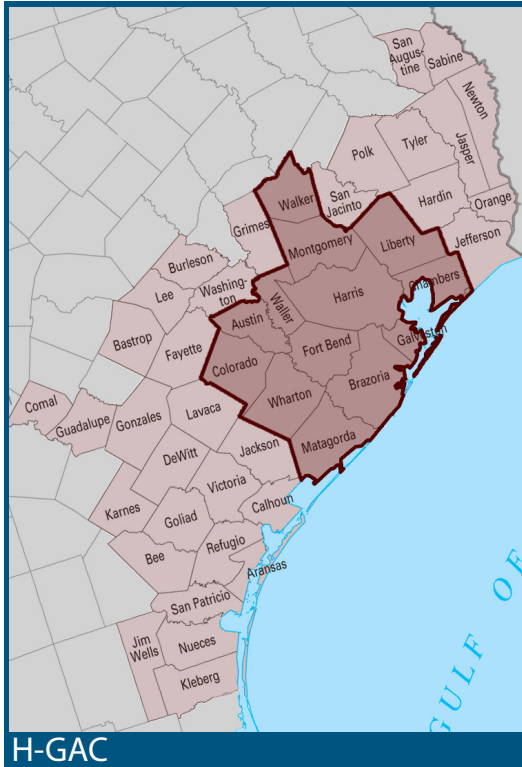
This project would protect electrical equipment and control on lift stations from damage from potential future floods.

#### Benefit

#### Return on Investment

During Hurricane Harvey, the electrical components were damaged due to flooding. This \$1M project to move the electrical components of the treatment plant will prevent future damage and keep the plant operational during these type of natural disaster events to prevent flooding and eliminate cost of repairing damages for approximately 4,000 residents.

## City of Woodloch



### Woodloch Town Hall Flood Repair

Estimated Cost

**\$120,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**8**

#### Description

Repair flooded city hall and replace furniture/equipment.

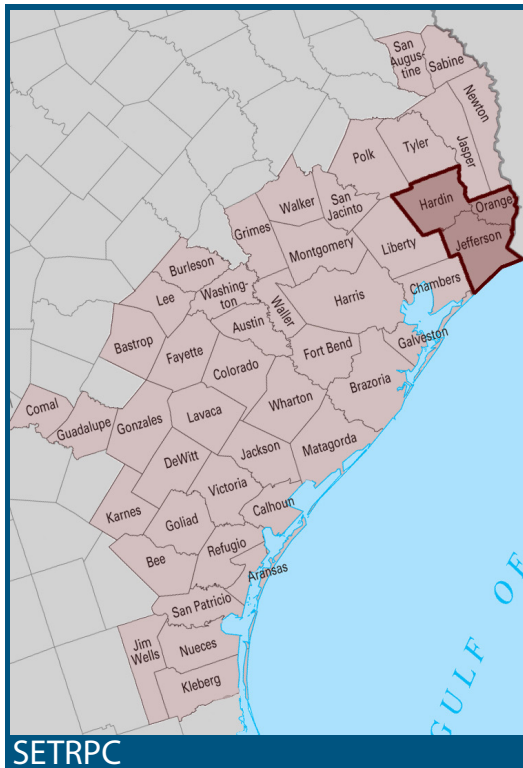
#### Benefit

These repairs and improvements will allow Woodloch to resume normal services to its citizens.

#### Return on Investment

This investment of \$120,000 investment will not only help to restore services to the citizens of Woodloch but will also help to update and modernize county equipment and services.

## City of Nederland



SETRPC

### Nederland Fire Apparatus

Estimated Cost

**\$2,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

Nederland is requesting funds to purchase a pumper truck and aerial truck for emergency response and rescue.

### Description

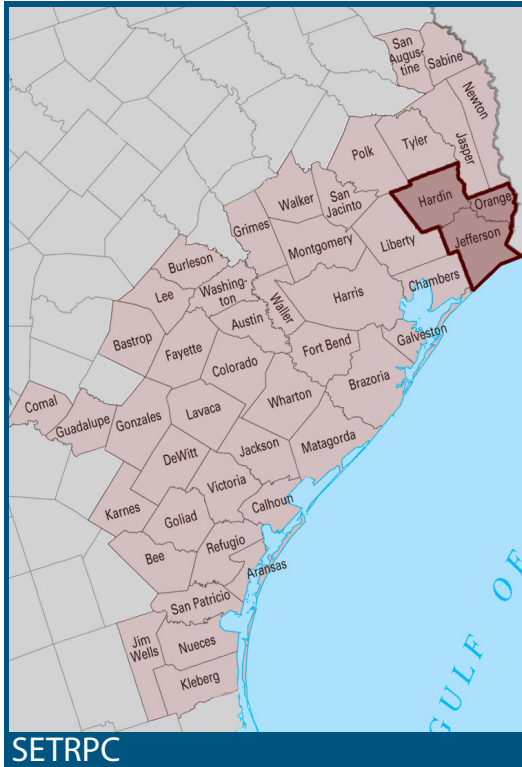
This equipment will improve Nederland's emergency response in future disasters.

### Benefit

### Return on Investment

This \$2.5 million investment will help improve Nederland's emergency response capabilities.

## City of Nome



### City Hall Restoration

Estimated Cost

**\$100,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

Repair/restore Nome's city hall building which suffered damage due to flooding.

#### Description

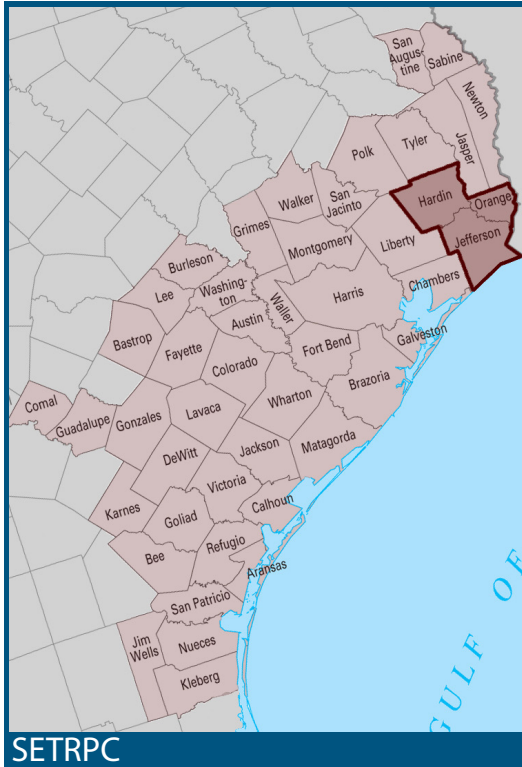
These repairs and improvements will allow the City of Nome to resume normal services to its citizens.

#### Benefit

#### Return on Investment

This investment of \$100,000 will not only help to restore services to the citizens of Nome but will also help to update and modernize city equipment.

## City of Nome



SETRPC

### City of Nome Wastewater Treatment Plant

Estimated Cost

**\$350,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

Rehabilitate existing wastewater treatment plant.

#### Description

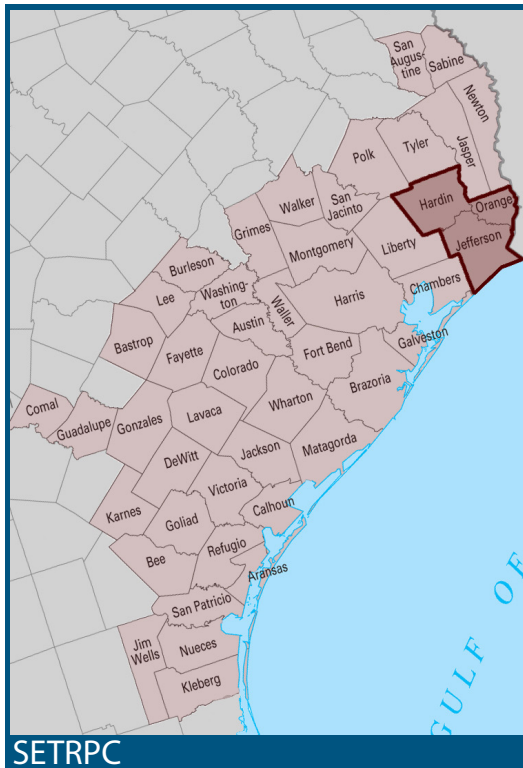
This project will prevent sewage from backing up into homes.

#### Benefit

#### Return on Investment

This wastewater treatment plant was damaged during Hurricane Harvey and other recent major rainfall events. This \$350K project will mitigate the costs of wastewater cleanup.

## Lumberton Municipal Utility District



SETRPC

### Lumberton Municipal Utility District Lift Station Repairs

Estimated Cost

**\$300,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Rehabilitate existing triplex lift station at the Jordan Road Lift Station.

#### Description

This project will allow proper flow of excessive wastewater and sewage where the elevation of the source is not sufficient for gravity flow.

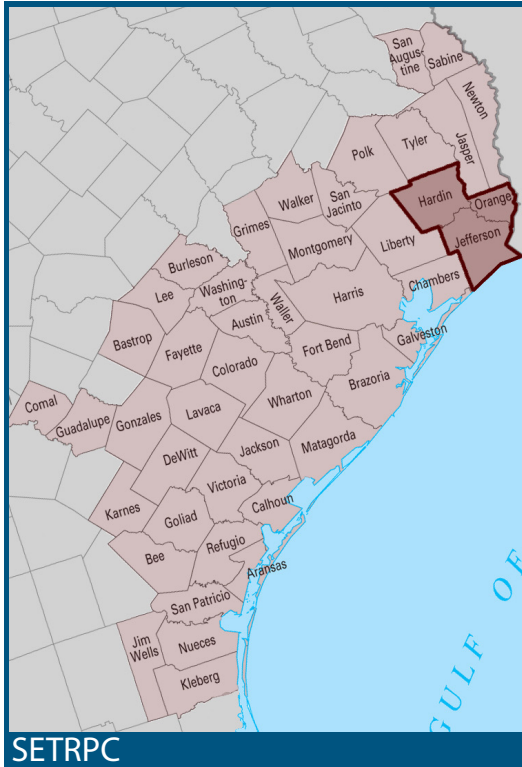
#### Benefit

#### Return on Investment

This lift station was damaged during Hurricane Harvey. This \$300K project would eliminate higher construction costs to build a more complex sewage system and allow sewage and wastewater to flow through gravity to prevent flooding and eliminate cost of repairing damages for approximately 12,000 residents.



## Lumberton Municipal Utility District



SETRPC

### Lumberton Municipal Utility District Lift Station Repairs

Estimated Cost

**\$300,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Rehabilitate existing triplex lift station at the Plantation Oaks Lift Station.

#### Description

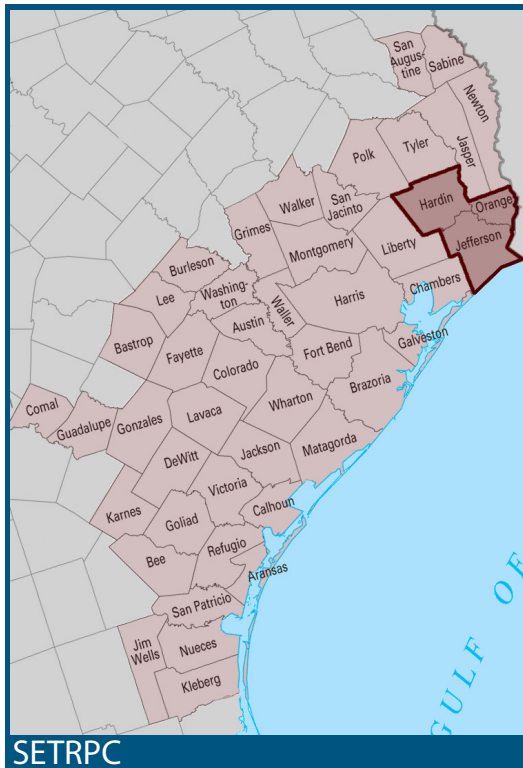
This project will allow proper flow of excessive wastewater and sewage where the elevation of the source is not sufficient for gravity flow.

#### Benefit

#### Return on Investment

This lift station was damaged during Hurricane Harvey. This \$300K project would eliminate higher construction costs to build a more complex sewage system and allow sewage and wastewater to flow through gravity to prevent flooding and eliminate cost of repairing damages for approximately 12,000 residents.

## Lumberton Municipal Utility District



SETRPC

### Lumberton Municipal Utility District Lift Station Repairs

Estimated Cost

**\$300,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**36**

Rehabilitate existing triplex lift station at the Old Fire Station Lift Station.

#### Description

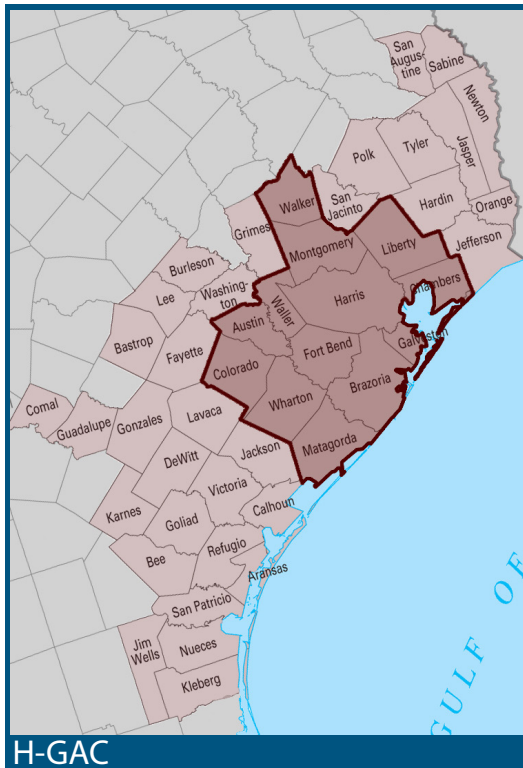
This project will allow proper flow of excessive wastewater and sewage where the elevation of the source is not sufficient for gravity flow.

#### Benefit

#### Return on Investment

This lift station was damaged during Hurricane Harvey. This \$300K project would eliminate higher construction costs to build a more complex sewage system and allow sewage and wastewater to flow through by gravity, and prevent flooding and eliminate cost of repairing damages for approximately 12,000 residents.

## City of Angleton



H-GAC

### City of Angleton Sewer Line Collapse and Wastewater Plant Levee

Estimated Cost

**\$1,787,820**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Repair roughly 800 feet of sewer line on Lorraine and 1,100 feet of sewer line on Spreading Oaks which collapsed due to the extreme inflow of water during Hurricane Harvey

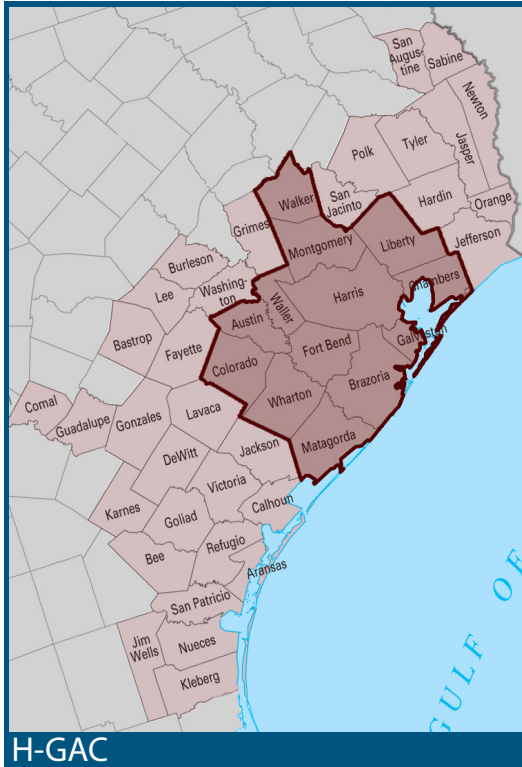
#### Benefit

This repair will allow sewer lines in the area of Lorraine and Spreading Oaks to operate again, providing a necessary service to local residents.

#### Return on Investment

This sewer line was flooded during Hurricane Harvey and other recent major rainfall events. This \$1,787,820 project will allow Angleton residents (population 20,000) proper access to use the sewer line again.

## City of Angleton



### City of Angleton Sewer Line Collapse and Wastewater Plant Levee

Estimated Cost

**\$468,540**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

Increase the height of the levee along the wastewater plant.

#### Description

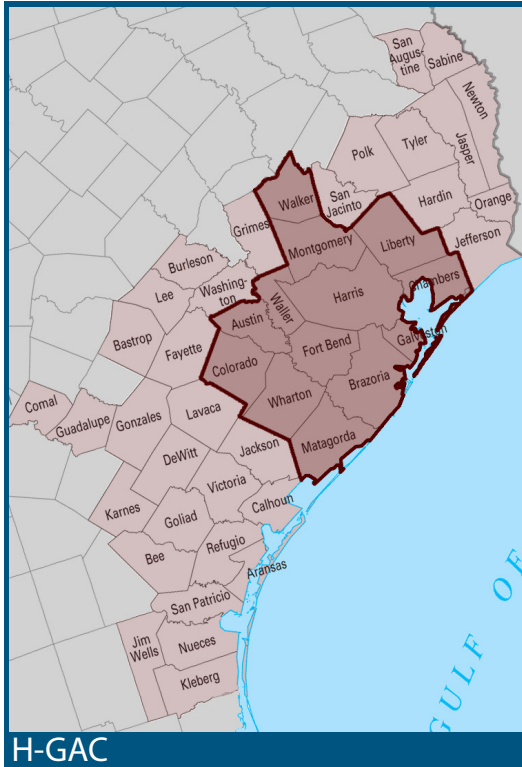
Flood waters were 8 inches away from breaching the levee at the sewer plant due to Hurricane Harvey. Increasing the height of the levee will lower the risk of flooding the sewer plant, and nearby homes and businesses as a result of major rain events.

#### Benefit

#### Return on Investment

This \$468,540 project could protect the homes of Angleton's residents (population of 20,000) from flooding in the future. The median home listing in Angleton is \$165,000.

## City of Bailey's Prairie



### Housing

Estimated Cost

**\$5,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

Assistance in reconstruction of 110 homes and replacement of associated household items destroyed by the storm.

### Description

This project will providing funding to help reconstruct 110 housing units and replacement of associated household items destroyed by the storm.

### Benefit

### Return on Investment

This \$5.5M project to help reconstruct 110 housing units and replace of associated household items will enable residents to return to the community and allow children to return to school, resulting in a revitalization of the community and economic development.

## City of Clute



### City of Clute Sewer Force Main Blowout Repairs

Estimated Cost

**\$237,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

A sewer force main blowout took out part of street and will require approximately 800 feet of sewer replacement.

#### Description

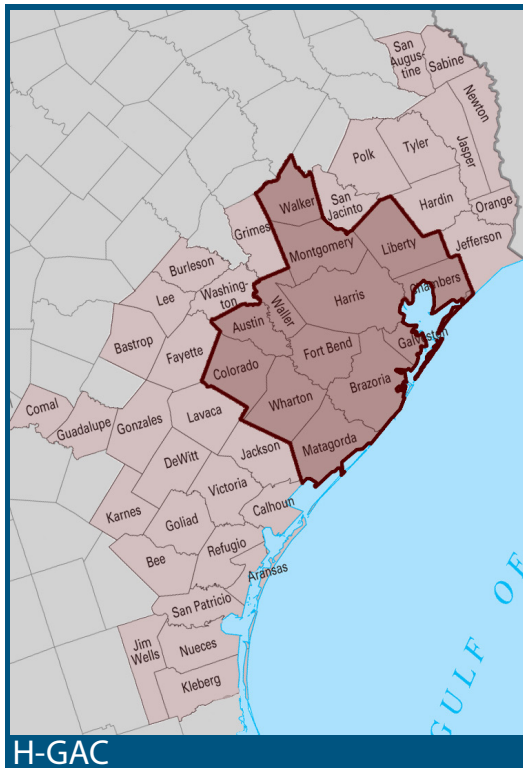
This project would improve the damaged road and replace the sewer, which will lower the risk of injury due to the road and the risk of sewage-induced illness.

#### Benefit

#### Return on Investment

Hurricane Harvey and other recent flooding events damaged the road and sewer. This \$237,000 project would help operations at the wastewater treatment facility to run more smoothly and the road to be repaired for Clute (population 11,500).

## City of Danbury



### City of Danbury Sewer Line Repair/ Replacement

Estimated Cost

**\$2,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Replace/repair the sewer line. Sewage and flood water were mixed for many days in the filtration and pumping systems.

#### Benefit

By repairing/replacing sewer lines, the City of Danbury will prevent the flow and spread of sewer water in future flooding events.

#### Return on Investment

80% of the sewer lines in Danbury were under water for 84 hours, infiltration was at an all-time high, the lift station pumps ran for 9 days straight, and sewer and flood water was mixed for many days. This \$2,500,000 project would help operations run more smoothly in providing Danbury (population 1,700) valuable water treatment services.



## City of Danbury



### Home Buyouts/Elevations

Estimated Cost

**\$750,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

### Description

In the city there are about 7 homes that flooded repeatedly. The plan is to elevate the homes to make them safe for high water. In the event that homes cannot be elevated, city will buyout homeowner and assist in relocation.

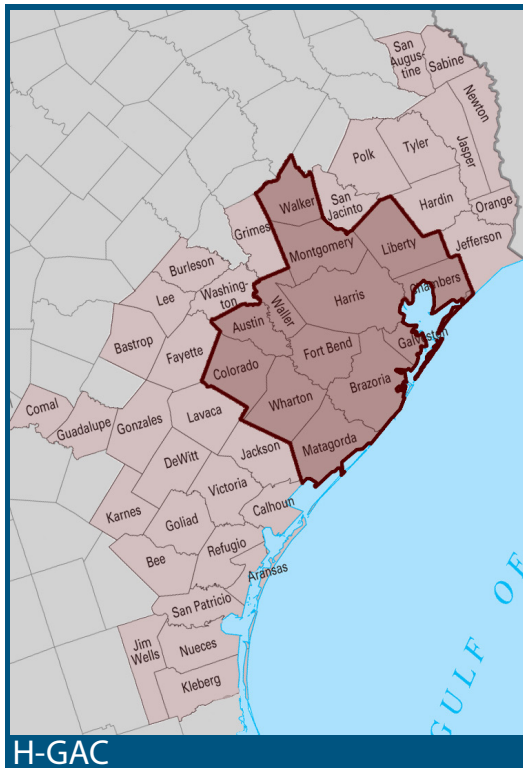
### Benefit

The City of Danbury has identified seven homes that have repeatedly flooded during hurricanes. So that individual families are not adversely impacted by future flooding, Danbury will help these homeowners either elevate (where possible) or relocate their homes.

### Return on Investment

This \$750,000 investment will help elevate 7 homes that have flooded repeatedly or relocate families whose homes cannot be elevated. By eliminating these homes that always flood in high water disasters, we not only save the families but also free up first responders who can be helpful elsewhere.

## City of Surfside Beach



### Groin Installation

Estimated Cost

**\$5,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

Construction of two groins to mitigate erosion of Follett's Island.

### Description

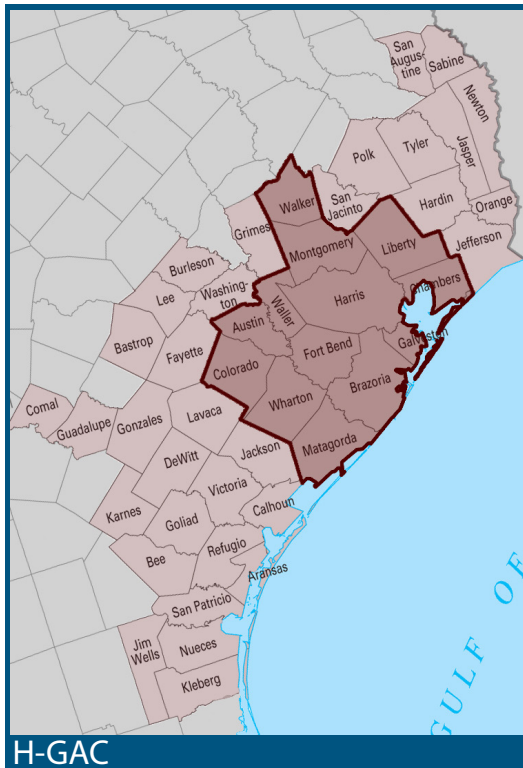
These groins will bolster the seawall and make it as sturdy as possible.

### Benefit

### Return on Investment

This \$5 million investment will not only improve the seawall but will also make it more resilient to damage from future storms. Groins prevent beach erosion or trap/accumulate sand that would otherwise drift along the beach face and nearshore zone under the influence of waves approaching the beach at an angle, and can be successful in stabilizing a beach on the updrift side. Further, this investment will add 10 new jobs (FTEs).

## City of Sweeny



### City of Sweeny Levee/Berm Construction and Small Pump Station Installation

Estimated Cost

**\$3,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**14**

#### Description

Construct a levee/berm around the existing wastewater treatment plant and install small pump station.

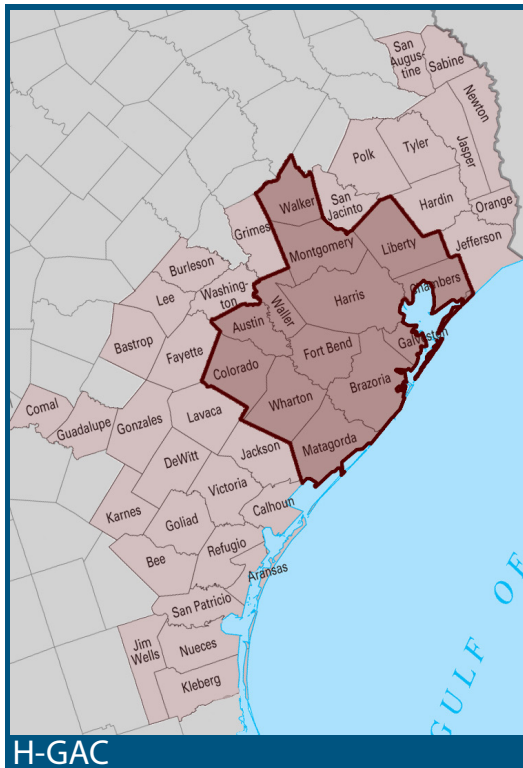
#### Benefit

This project would lower the risk of the waste water treatment plant and the people it serves from being affected by future storm surges.

#### Return on Investment

This \$3.5M project would prevent future flooding and eliminate costs of repairing damages for the 4,000 residence it serves.

## Brazoria County



### Housing Elevation

Estimated Cost

**\$160,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14, 22**

### Description

Assist with raising the elevation of 2,000 housing units to protect them from future flooding events.

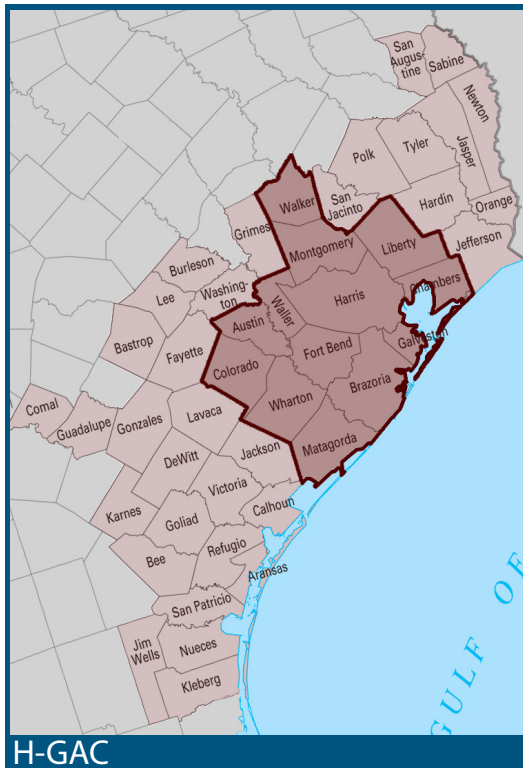
### Benefit

This project will provide funding to assist with raising the elevation of 2,000 housing units thus protecting them and the contents from damage and loss due to future flooding events.

### Return on Investment

This \$160M project will help elevate homes for 2,000 families at \$80,000/house thus protecting the homes and their contents from future flooding events. This may eliminate the need for rebuilding after future flooding events and allow residents to either remain in the community or return to their homes quicker. The result would be a faster economic recovery for the community.

## Brazoria County



### Housing Rehab/Reconstruction

Estimated Cost

**\$160,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14, 22**

### Description

Assist with the rehabilitation or reconstruction of 2,000 housing units at an estimated amount of \$80,000/house.

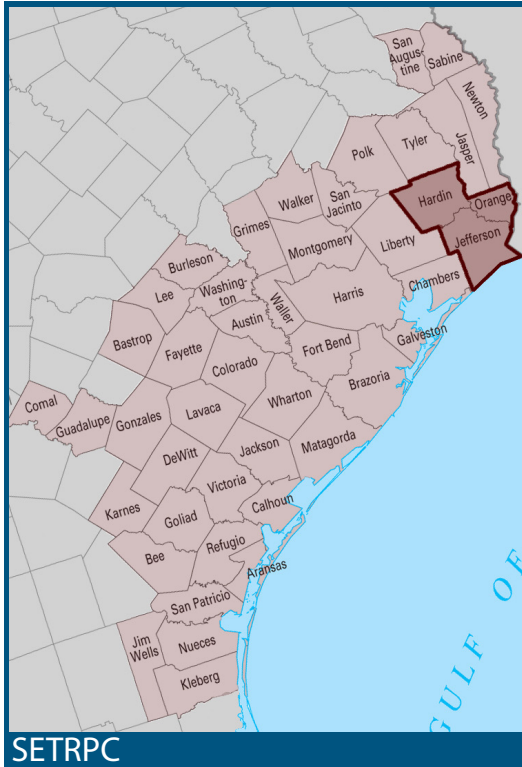
### Benefit

This project will provide funding to assist with the rehabilitation or reconstruction of 2,000 housing units damaged or destroyed by Hurricane Harvey.

### Return on Investment

This \$160M project will help 2,000 families rehabilitate or reconstruct their homes at \$80,000/house damaged or destroyed by Hurricane Harvey. This will allow the families to return to the community quicker, resulting in a faster economic recovery for the community.

## Hardin County



SETRPC

### Temporary Housing and Long Term Recovery for Displaced Citizens

Estimated Cost

**\$5,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

#### Description

Temporary housing and repair or replace existing housing for the citizens of Hardin County affected by flooding.

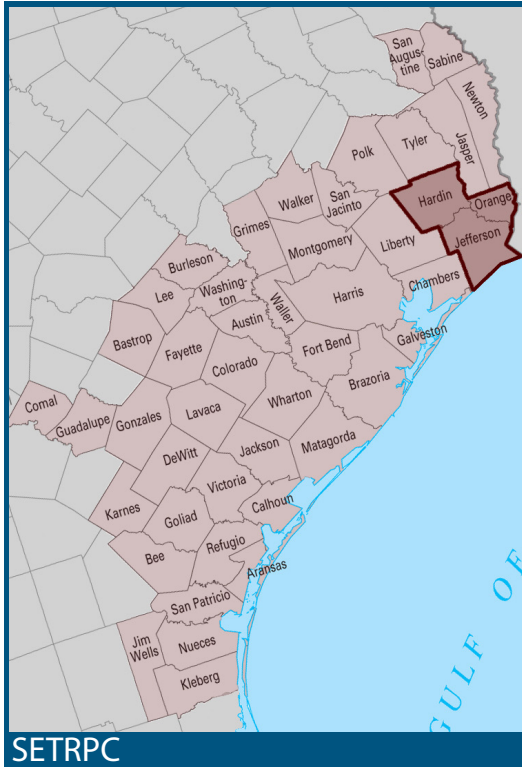
#### Benefit

This project will help provide temporary housing for affected Hardin County residents and allow them to begin repair and replacement of damaged housing structures.

#### Return on Investment

This \$5M project will provide citizens with safe temporary housing while repairs and rebuilding of permanent structures occurs.

## Hardin County



SETRPC

### Hardin County Courthouse

Estimated Cost

**\$3,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

Repair courthouse roof damaged in storm.

#### Description

#### Benefit

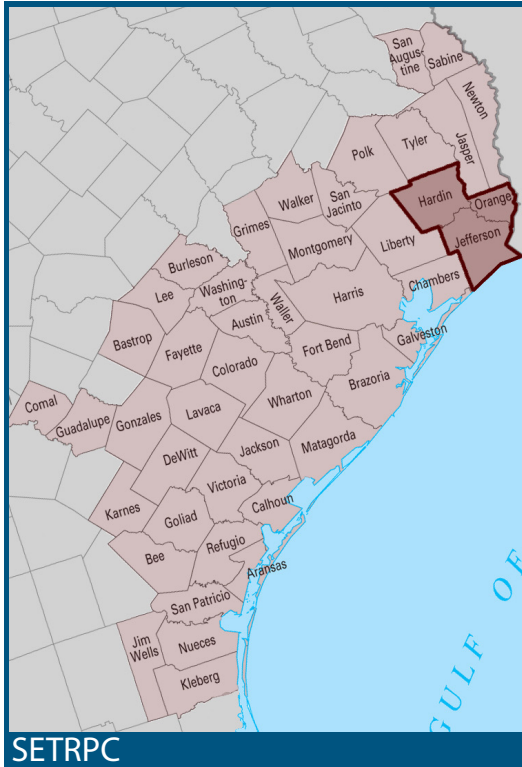
#### Return on Investment

This \$3 million investment will ensure that the Hardin County Courthouse is completely restored and safe for citizens.

The repair of the courthouse will facilitate the function of Hardin County leadership and departments to service the community with required services.



## Hardin County



### Hardin County ISD

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

Repair ISD buildings damaged in storm.

#### Description

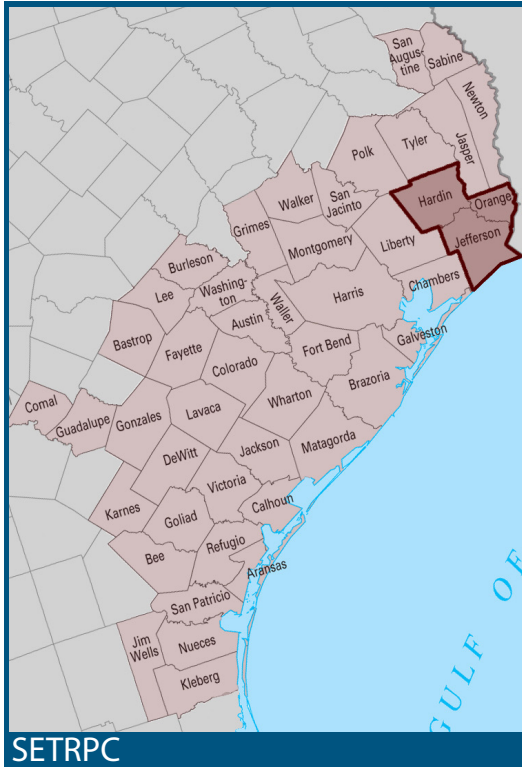
Hardin ISD is requesting these funds to repair damage to its schools. These repairs will return the facilities back to their optimal state.

#### Benefit

#### Return on Investment

This \$2 million investment will ensure that Hardin schools are completely restored and safe for students and teachers to return.

## Hardin County



SETRPC

### Repetitive Flood Loss Homes

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

#### Description

This project will provide funds to buyout homes in Hardin County that were flooded during Hurricane Harvey and which have also received damage during previous flood events.

#### Benefit

This buyout will provide the funds to remove homes in Hardin County that were substantially damaged during Hurricane Harvey and other previous flood events and allow the affected families to relocate and rebuild in less flood-prone areas.

#### Return on Investment

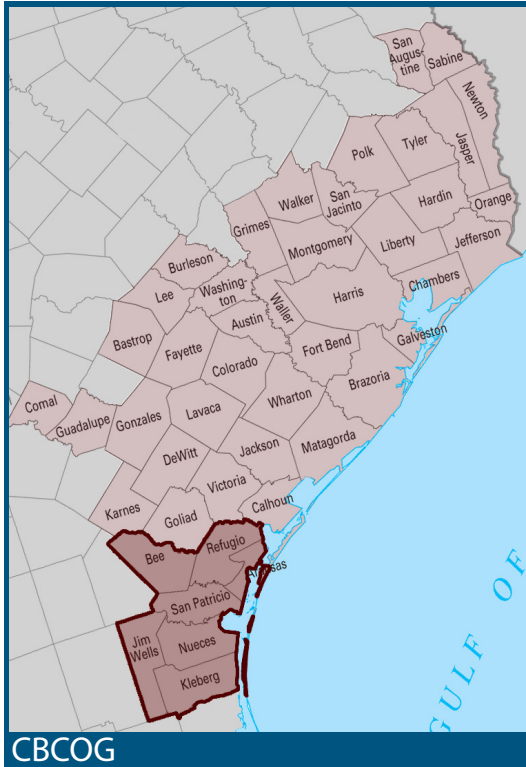
This \$20M project will eliminate the costs of rebuilding these houses now and in the future in an area that is prone to flooding and allow the families to invest in housing in a less flood-prone area.

## A map of Texas showing its county boundaries and names. The counties of Hardin, Orange, and Jefferson are highlighted with a thick dark red border. Other counties shown include San Augustine, Sabine, Newton, Jasper, Tyler, Polk, Walker, San Jacinto, Grimes, Montgomery, Liberty, Harris, Chambers, Galveston, Brazoria, Matagorda, Jackson, Victoria, Calhoun, Refugio, Nueces, Kleberg, San Patricio, Aransas, Bee, Goliad, Karnes, DeWitt, Lavaca, Gonzales, Guadalupe, Comal, Bastrop, Lee, Washington, Austin, Weller, Fort Bend, Wharton, Colorado, Fayette, Burleson, and Lee. The Gulf of Mexico is labeled in blue text at the bottom right.

Congressional District(s)  
14

This lift station was damaged during Hurricane Harvey. This \$1M project would eliminate higher construction costs to build a more complex sewage system and allow sewage and wastewater to flow through gravity.

## City of Austwell



### City of Austwell Water and Sewer System

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

Mitigation of the out-of-date sewer system for the City of Austwell including all necessary repairs.

#### Description

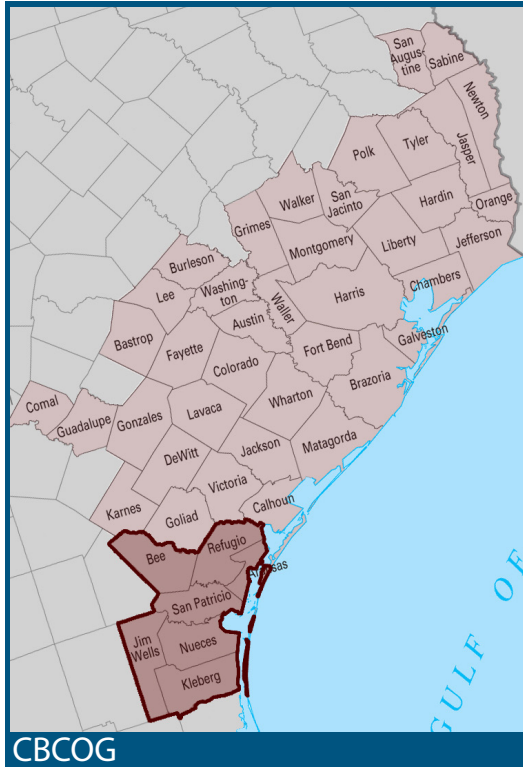
This project will reduce frequent breakdowns that have been occurring and causing public health concerns.

#### Benefit

#### Return on Investment

The sewer was damaged during Hurricane Harvey and other recent flooding events. This \$2,000,000 project will help operations move smoothly in providing valuable water treatment services to Austwell.

## City of Austwell



### City of Austwell Water and Sewer System

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, SBA**

Congressional District(s)

**27**

Mitigation of the out-of-date water system for the City of Austwell including all necessary repairs.

#### Description

This project will reduce frequent breakdowns that have been occurring and causing public health concerns.

#### Benefit

#### Return on Investment

The water system was damaged during Hurricane Harvey and other recent flooding events. This \$2,000,000 project will help operations move more smoothly in providing valuable services to Austwell.

## City of Cleveland



### Cleveland Fire Stations #41 & 42

Estimated Cost

**\$300,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

Repair and replace roof and structural damage to Cleveland Fire Stations #41 and #42.

### Description

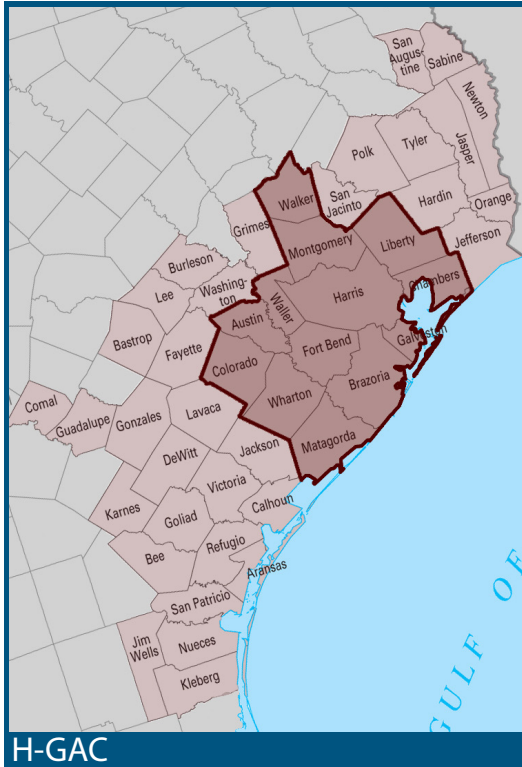
The repair of these facilities will enable emergency response elements to regain full functional support to the Cleveland community.

### Benefit

### Return on Investment

This investment of \$300,000 will not only help to restore services to the citizens of Cleveland but will also help to update and modernize its services.

## Odyssey Academy



### Odyssey Academy Facility Repairs

Estimated Cost

**\$32,500**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR, DOE-ST**

Congressional District(s)

**14**

#### Description

Repair to building roofs, walls, ceilings, and floors damaged as a result of high winds and rains.

#### Benefit

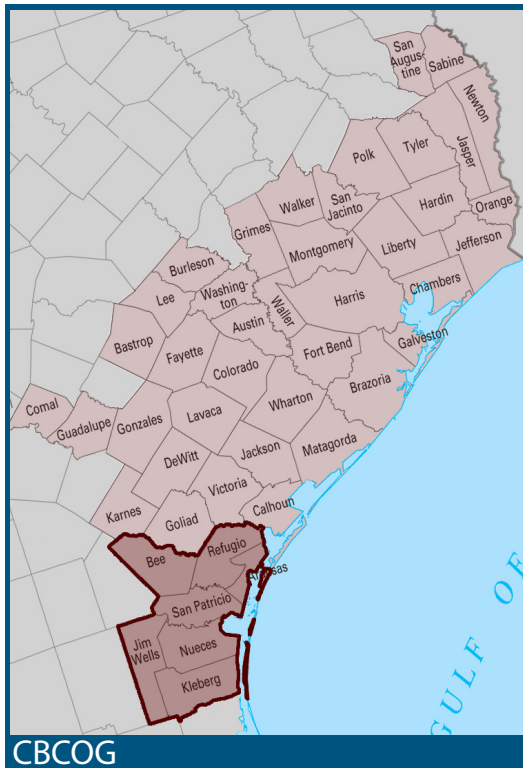
The repair of damage to these buildings will return them to optimal state and allow for a safe learning environment for students and teachers.

#### Return on Investment

This \$32,500 investment will ensure that the school building is completely restored and safe for students and teachers to return.



## City of Aransas Pass



### Harbor Repair: Bulkhead & Building

#### Estimated Cost

**\$11,600,000**

#### Proposed Funding Source

**FEMA – Disaster Relief Fund**

#### Other Possible Funding Sources

**CDBG-DR**

#### Congressional District(s)

**27**

Replacement of failing bulkhead along Conn Brown Harbor and repair of Harbor Master Building. Damage resulted from extensive tidal surge.

#### Description

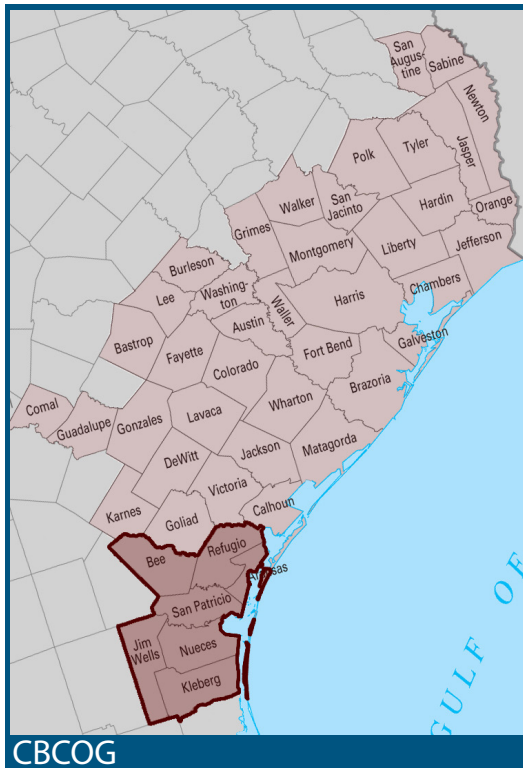
The replacement of the failing bulkhead at Conn Brown Harbor will provide mitigation to protect the surrounding infrastructure from future storm damage.

#### Benefit

#### Return on Investment

The investment of \$11.6 million will modernize the bulkhead which will provide for erosion protection and protect the surrounding infrastructure from future storms. Further, this investment will add 24 new jobs (FTEs).

## City of Corpus Christi



**Municipal Facility Damage: Airport Terminal, Police Station, Court House, Health Departments, La Retama**  
Estimated Cost

**\$4,000,000**

Proposed Funding Source  
**FEMA – Disaster Relief Fund**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**27**

### Description

Repair damage to Corpus Christi Municipal Buildings. Repair damage to airport terminal roof vents, fan motor, lighting protection system, roof vinyl membrane, antennae system, roof asphalt membrane, and damage to front lobby vestibule area and Federal Inspection Station. Repair damage to Corpus Christi Health Department. Damages include roofing, ceiling tiles, and water penetration through windows & doors. Repair Damage to Corpus Christi Library. Damaged roof and significant interior water damage.

### Benefit

These repairs and improvements will allow the City of Corpus Christi to resume normal services to the damaged municipal buildings for the citizens of Corpus Christi. Furthermore, these repair will mitigate the damages and protect the structures from subsequent damages.

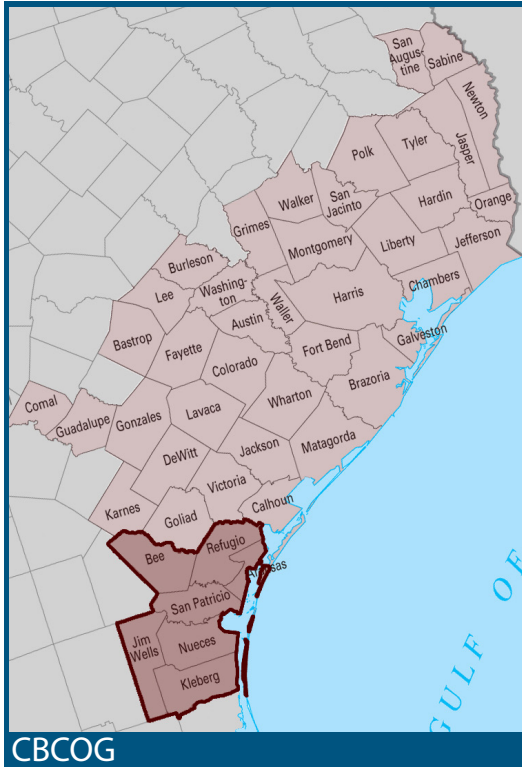
### Return on Investment

This investment of \$4 million will ensure that the corpus Christi Municipal buildings are restored, municipal services to the citizens of Corpus Christi are resumed.

## 22

This investment of \$200,000 will restore city services to the City of Arcola and will provide for modernization of critical city emergency functions.

## City of Bayside



### City Municipal Building

Estimated Cost

**\$5,200,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Replace and mitigate Bayside Fire Department building and associated municipal buildings that were significantly damaged by hurricane force winds.

### Description

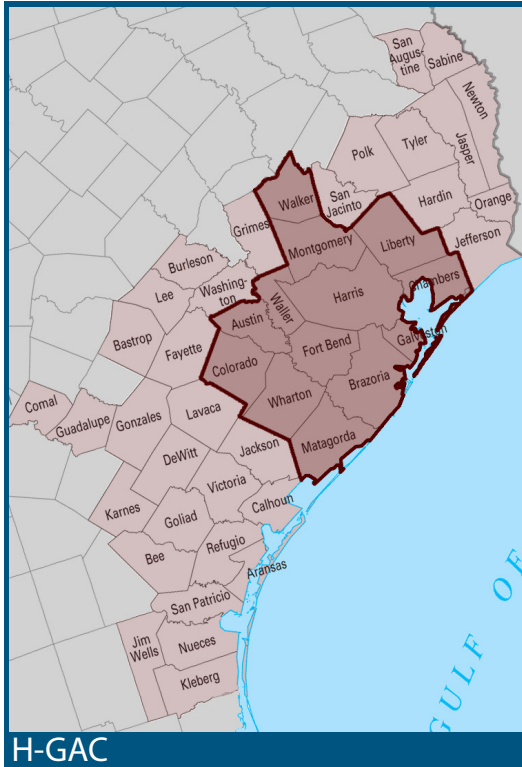
The mitigation and replacement of these buildings will allow for the return of critical emergency services for the citizens of Bayside and provide a safe workplace for city employees.

### Benefit

### Return on Investment

This investment of \$5.2 million will restore services to the citizens of Bayside city and additionally modernize these critical city capabilities. Further, this investment will add 10 new jobs (FTEs).

## Matagorda County - Palacios Seawall Commission



# Matagorda County - Palacios Seawall Commission Facilities Restoration

## Estimated Cost

\$1,440,000

## Proposed Funding Source

## FEMA – Disaster Relief Fund

## Other Possible Funding Sources

## CDBG-DR

## Congressional District(s)

27

## Description

The volume of water Hurricane Harvey pushed on land structurally damaged critical flood control infrastructure. This project repairs/replaces several washouts along Turtle Point Bulkhead, replaces the damaged concrete bag wall, and repairs washouts along concrete stress wall at East Bayshore Seawall.

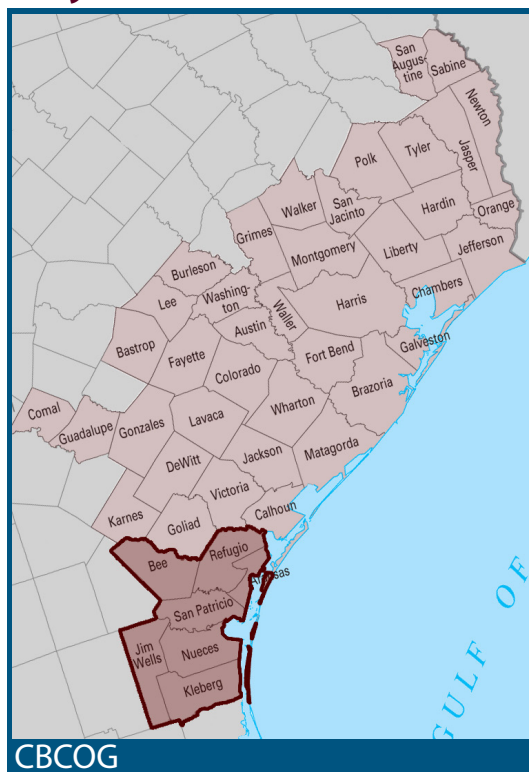
## Benefit

These repairs and improvements will repair the Matagorda County-Palacios Seawall to prevent future erosion and damage and will make the infrastructure more resilient to withstand future storms.

## Return on Investment

While repairing the seawall to its previous state and preventing further structural degradation is vital, this \$1.4 million investment is critical because it will make the seawall more resilient against future disasters and storms.

## City of Port Aransas



### City of Port Aransas Municipal Facilities & Services Restoration

Estimated Cost

**\$22,500,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

#### Description

This project restores critical public services by repairing/replacing library, parks, public works, gas station, police department, EMS, dispatch jailhouse, firehouse. The project also restores the nature preserve, fishing piers, bulkheads, revetments, parks, and marina public docks.

#### Benefit

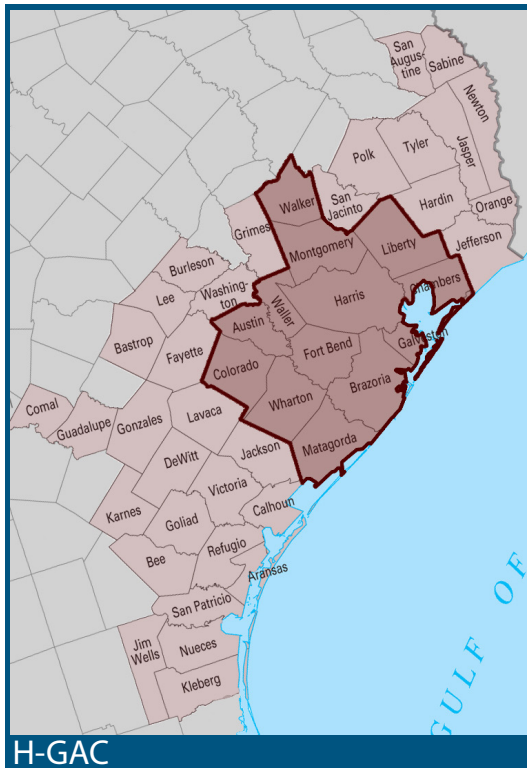
These repairs and improvements will allow Port Aransas to resume normal services to its citizens. In addition, these repairs will help to bring public recreation services back online. This will support the recovery of the nature tourism industry, which is important to the local economy and the livelihood of many residents.

#### Return on Investment

This \$17 million investment will not only help to restore public and safety services to the citizens of Port Aransas, but will also help to update and modernize these city services. The investment will generate monetary return by hastening the recovery of the local nature tourism industry, a significant component of the coastal town's economy. Further, this investment will add 36 new jobs (FTEs).



## City of Liberty



H-GAC

### City of Liberty Levee

Estimated Cost

**\$2,200,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

### Description

The project constructs a levee around the city of Liberty's wastewater treatment plant which flooded during Hurricane Harvey, affecting the cities of Liberty, Hardin and Ames. The project includes the levee's USACE certification to ensure the structure is compliant with standards designed for optimal flood protection.

### Benefit

Protecting the wastewater plant from flood damage will reduce the risk of sewage and wastewater overflows during future flooding events. Stopping overflows will prevent contaminated water from mingling with other water flowing through streets and other lands and will thus prevent threats to public health.

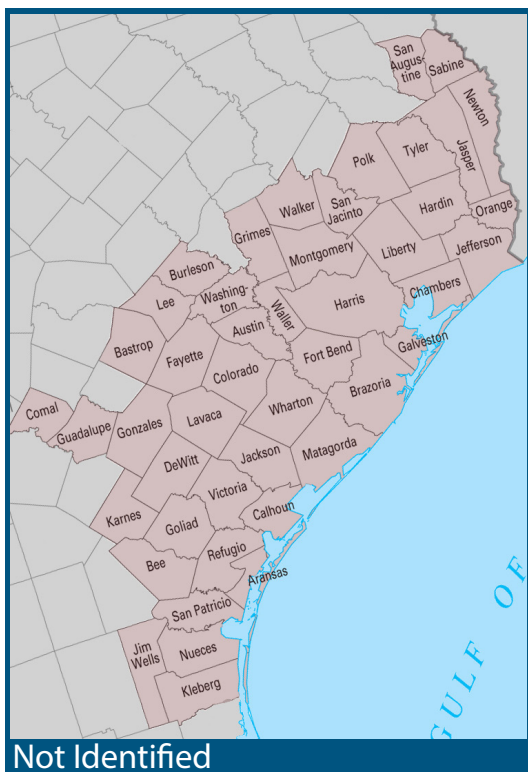
### Return on Investment

The \$2.2 million levee construction and certification will protect the water supplies and health of the residents of the cities of Liberty, Hardin and Ames.



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## Rebuild Texas



### Coast-wide Agriculture Mitigation

Estimated Cost

**\$201,000,000**

Proposed Funding Source  
**Agricultural Damages**

Other Possible Funding Sources  
**CDBG-DR, USDA-EC**

Congressional District(s)  
**All**

#### Description

Provide assistance to agriculture related businesses impacted by the storm through loss of livestock or crops, and damage to supporting production properties and assets.

#### Benefit

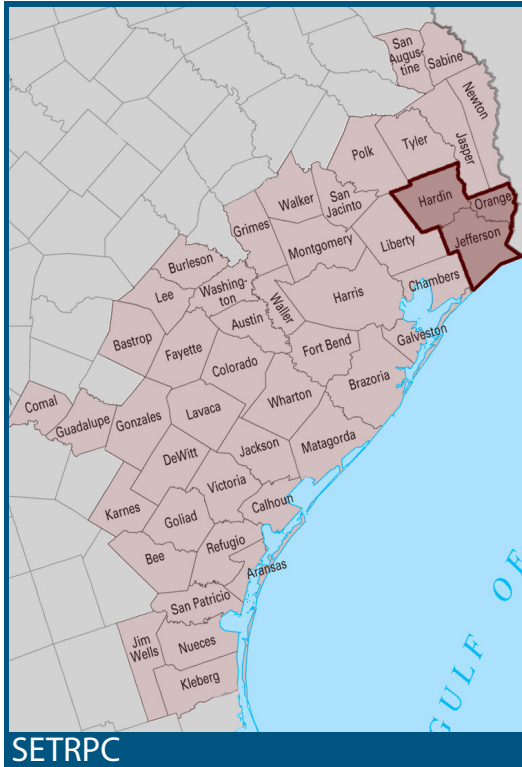
Much of Texas' coastal plains and estuaries provide prime farm and ranch land. This funding assistance would provide financial support to allow these regionally significant agricultural activities, which typically operate on very small margins, to recover from the impacts of this storm.

#### Return on Investment

This \$201 M funding assistance package would enable these important livestock and crop operations to return to production immediately, providing much needed jobs and economic value to the Gulf Coast communities. This will also allow production of important foodstock and crops and mitigate the impacts to the state's food supply.

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## City of Beaumont



### Christus St. Elizabeth Hospital Back-Up Power Generator

Estimated Cost

**\$3,100,000**

Proposed Funding Source  
**Healthcare**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**14**

Installation of on-site backup power and fuel tanks at Christus St. Elizabeth Hospital to support building operations during long duration electrical outages.

#### Description

Back up power would allow the hospital to continue operating during disasters and ensure patients requiring critical care have continuous care.

#### Benefit

#### Return on Investment

The investment of \$3.1 million will establish permanent back up power and prevent the use of portable resources that could then be used elsewhere during power outages.

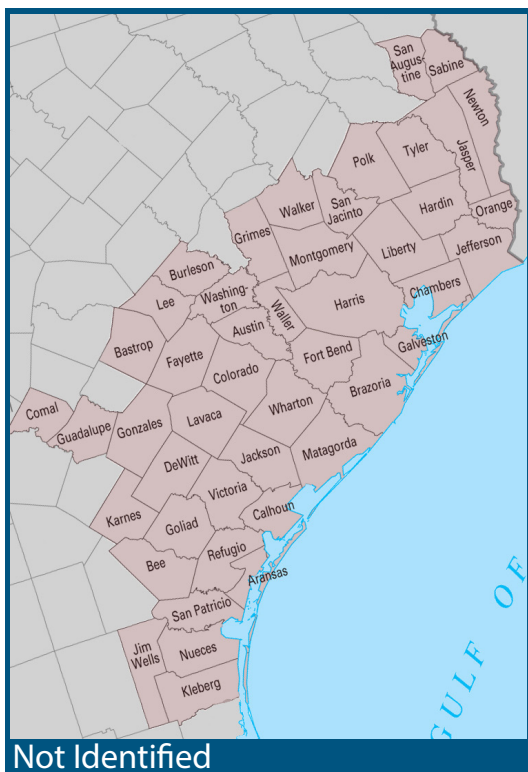
Congressional District(s)  
2, 36, 10, 18, 29, 7, 9, 8, 22

This project completes facility repair and remediation of Hurricane Harvey flood damage within the Harris County Hospital District, allowing Harris Health System to resume full operations.

These repairs and improvements will allow the Harris County Hospital District to resume normal services to its citizens.

This investment of \$9 million will not only help to restore services to the citizens of Harris County but will also help to update and modernize its services. Further, this investment will add 18 new jobs (FTEs).

## Rebuild Texas



### Healthcare Losses and Assistance

Estimated Cost

**\$420,000,000**

Proposed Funding Source  
**Healthcare**

Other Possible Funding Sources  
**CDBG-DR, HHS-HP**

Congressional District(s)  
**All**

### Description

Provide financial assistance to the hospitals impacted by Hurricane Harvey for increased costs related to capital and operational losses, emergency work and uncompensated care costs.

### Benefit

This assistance will enable impacted healthcare facilities and systems to recover from the storm's impacts and will help avoid the potential closure or service interruptions of five or more vulnerable hospital groups.

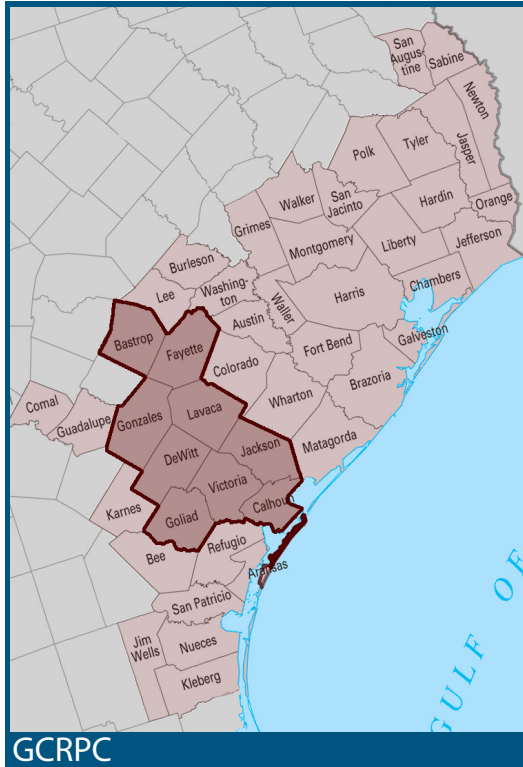
### Return on Investment

This \$325 M funding assistance package will provide significant relief to impacted and vulnerable healthcare groups. The medical care these systems provide to the regions of the state impacted by Hurricane Harvey are crucial to ensure the prompt and safe recovery of these communities.

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## Plum Creek Conservation District



### Rehabilitation of Caldwell County Flood Control Structures

Estimated Cost

**\$94,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**27, 35**

#### Description

This project will repair PCCD flood control structures and increase them to a higher hazard classification.

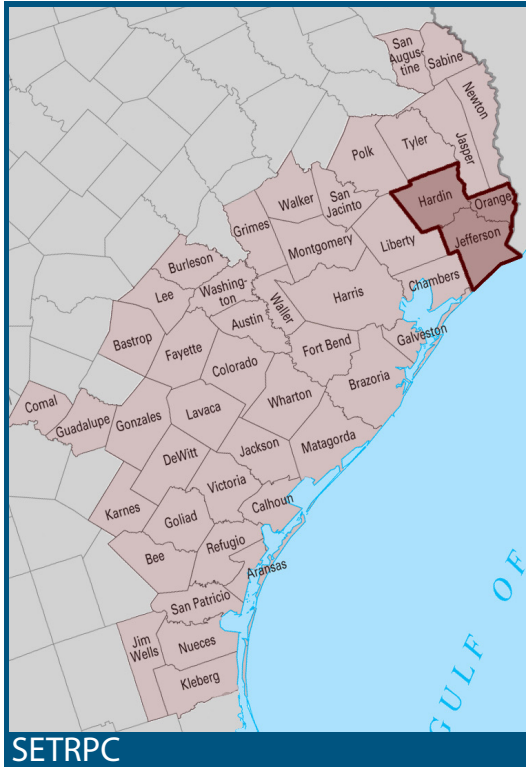
#### Benefit

This project will rehabilitate flood control structures in Caldwell County.

#### Return on Investment

Repairing flood control structures will help protect the county from potential future flooding events.

## Jefferson County Drainage District No. 6



### Jefferson County Drainage District No. 6 Repairs

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR, FEMA-DRF**

Congressional District(s)

**14**

This project will make much needed repairs to the area's levee.

#### Description

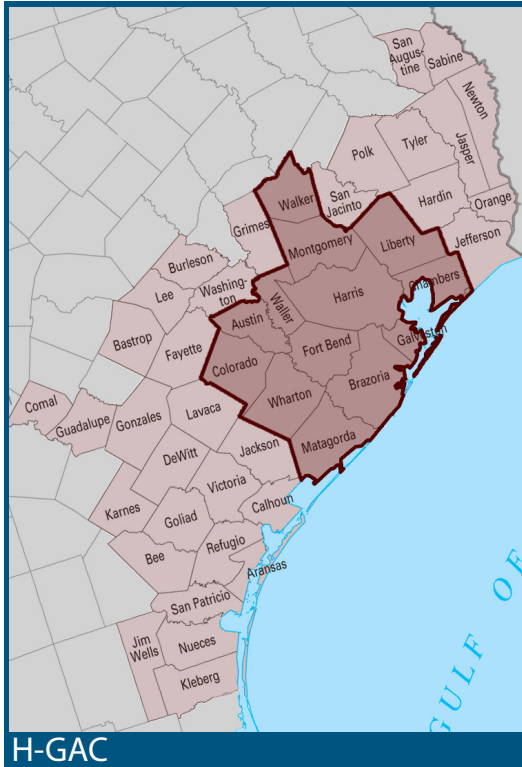
This project will repair a levee breach as well as other small washouts on the levee that occurred during Hurricane Harvey.

#### Benefit

#### Return on Investment

This project will improve the safety of this area and repair damages caused by Hurricane Harvey, as well as help protect the area from potential future flooding events.

## Fort Bend County



### Erosion Mitigation

Estimated Cost

**\$1,400,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**NRCS**

Congressional District(s)

**22, 9**

### Description

Mitigation to address area along Brazos River in Historic Richmond, TX-99 Stavinoha Bridge, Hwy 59 (I69) Bridge, Fort Bend Levee Improvement District No. 7 Levee, Sugarstone levee system in Sugar Land & Missouri City & Sienna Plantation Levee.

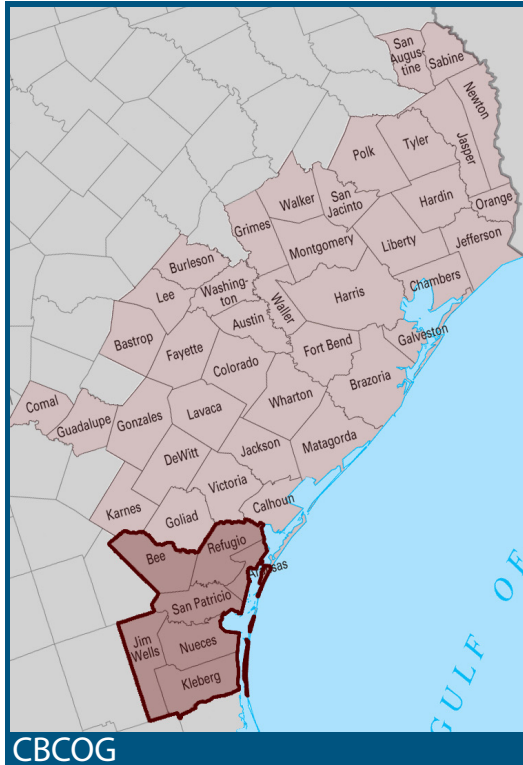
### Benefit

This project will prevent future erosion to the bank of the Brazos River and potential damage to the areas along it, including business and residential areas and a Historic District.

### Return on Investment

This investment of \$1.4 billion will help to restore the Brazos river bank and will also help to update and modernize the areas along it, making it safer and more sustainable. This will make the location more resilient against future disasters.

## Port of Corpus Christi



### Shoreline and Levee Stabilization

Estimated Cost

**\$44,934,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

### Description

Provide shoreline and dredge material placement area protection to reduce impacts from tropical storms and hurricanes. Provide additional shoreline stabilization & erosion protection along Corpus Christi Ship Channel, Nueces River, and Nueces Bay.

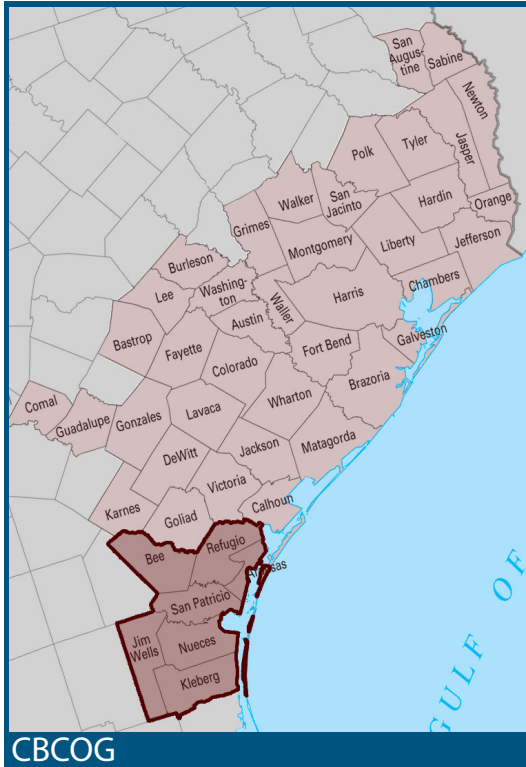
### Benefit

Shoreline stabilization to mitigate & prevent future erosion is important for protection of wetland/sea grass ecosystems which provide habitat for fish and wildlife. Shoreline habitat is also a critical in improving water quality/storm water runoff.

### Return on Investment

This project will provide protected shorelines which reduce impacts from wave action and mitigate future flooding/storm related damages. Protecting this specific area is crucial in keeping the ship channel open which aids in the movement of resources.

## Port of Corpus Christi



### Aids to Navigation

Estimated Cost

**\$2,000,000**

Proposed Funding Source

**U.S. Army Corps of Engineers**

Other Possible Funding Sources

**FEMA-Hazard Mitigation, CDBG-DR**

Congressional District(s)

**27**

Permanent Aids to Navigation (ATON) with improved storm-hardened features are needed at the La Quinta Ship Channel to allow for safe day and night navigation of vessels in and out of the channel.

### Description

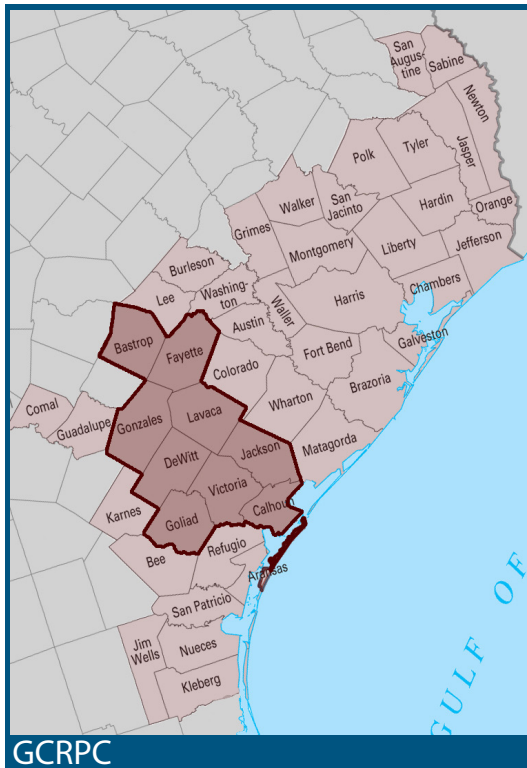
### Benefit

### Return on Investment

Placement of the ATONs at the La Quinta Ship Channel will guide the ships and reduce accidents and delays. Permanent ATONs will alleviate negative impacts to industry development and local commerce.

Over 100 critical ATONs were damaged or destroyed during the hurricane. This \$2,000,000 project will mitigate future damage and reduce costs of repairing and replacing damaged Permanent Aids to Navigation.

## Port of Victoria



### Port of Victoria Hurricane Harvey Repairs

Estimated Cost

**\$2,600,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-DRF, USACE**

Congressional District(s)

**27**

### Description

This project will make improvements to the levee, which will require roadwork, embankment work, broadcast seed, geogrid work, levee railroad closure system, barricades, signs, traffic handling, mobilization, engineering design, and construction administration.

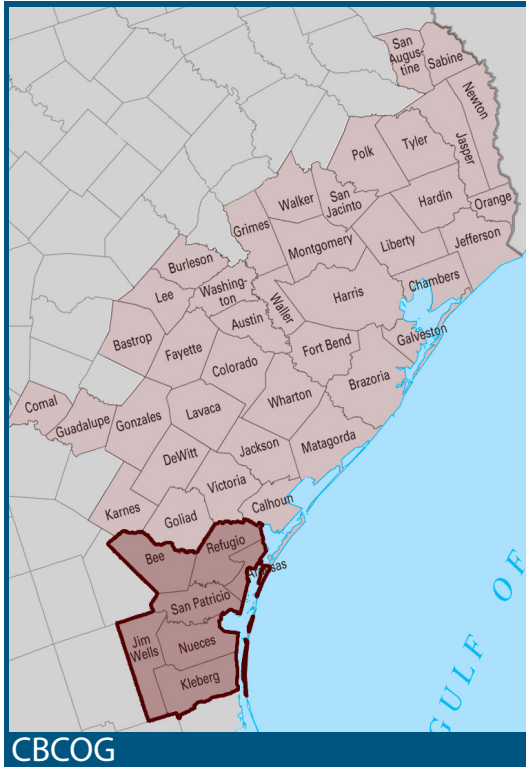
### Benefit

The levee was damaged during Hurricane Harvey and repairs are necessary to allow the port to function as it did prior to the storm.

### Return on Investment

This project will improve the safety of this area and repair damages caused by Hurricane Harvey which in turn will assist the city's economic recovery.

# Aransas County Navigation District



## Seawall/Harbor/Channel Repair

## Estimated Cost

\$20,500,000

## Proposed Funding Source

## Community Development Block Grant

## Other Possible Funding Sources

## FEMA-DRF, CDBG-DR

### Congressional District(s)

27

## Description

This project will reconstruct jetties damaged during the storm and dredge the channel.

## Benefit

This project will rebuild/reconstruct/stabilize roads and shorelines, reconstruct damaged jetties, and dredge the channel allowing for a return to normal pre Harvey operations.

## Return on Investment

This \$20.5 project will rebuild/reconstruct/stabilize roads and shorelines, reconstruct damaged jetties, and dredge the channel allowing for a return to normal pre Harvey operations and aiding in the economic recovery of the region.



## Texas City



### Moses Lake Pump Installation

Estimated Cost

**\$30,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-Hazard Mitigation, FEMA-DRF**

Congressional District(s)

**14**

Install Pump to move rain water from Moses Lake directly into Galveston Bay

### Description

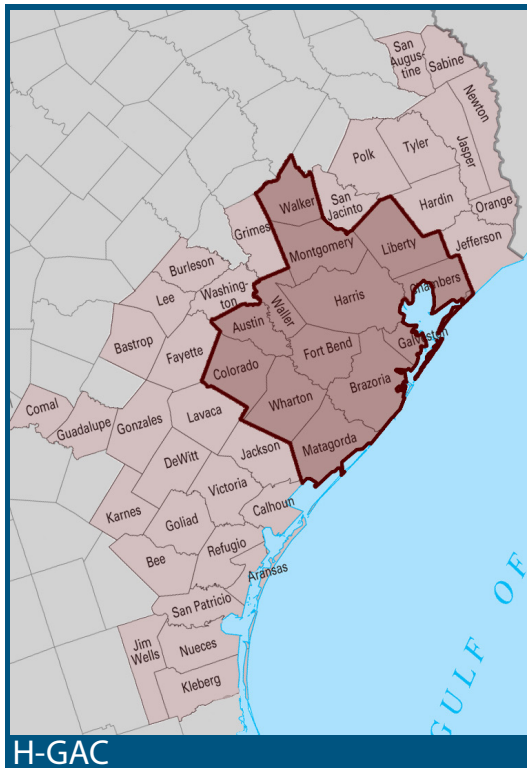
Installation of a pump to move rain water will protect this area from future flooding during events in which surrounding areas around Moses Lake would be flooded.

### Benefit

### Return on Investment

This \$30 million project will help protect this area from future flooding and the associated costs of rebuilding houses and infrastructure, as well as avoid costly water rescues during future floods.

## Texas City



### Rainwater Pump Station "A"

Estimated Cost

**\$12,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA-Hazard Mitigation, FEMA-DRF**

Congressional District(s)

**14**

Increase Rainwater Pump Station "A" pump capacity.

### Description

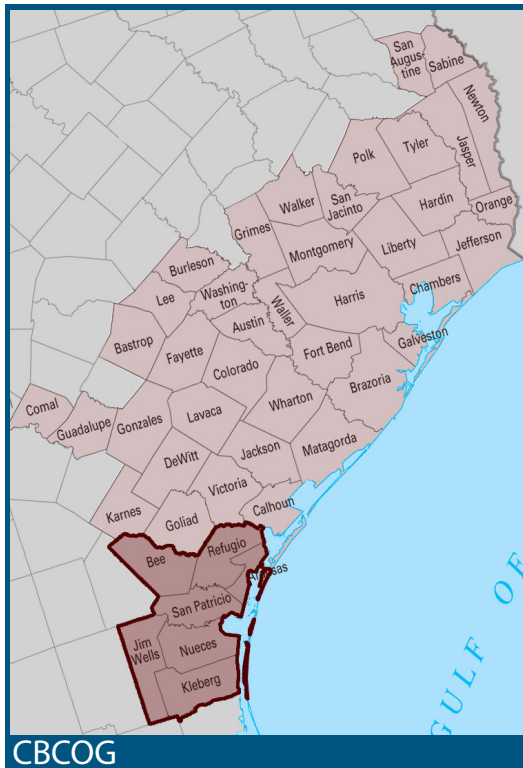
Increasing rain water pump station "A" pump capacity will allow this station to help mitigate flooding and reduce overall flooding in the area.

### Benefit

### Return on Investment

This \$12 million project will prevent repeated flooding and mitigate harm caused by disasters like Hurricane Harvey and future storms.

## Port of Corpus Christi



### Charlie's Pasture Sea Wall Elevation

Estimated Cost

**\$6,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA – Hazard Mitigation, CDBG-DR**

Congressional District(s)

**27**

### Elevate Charlie's Pasture Sea Wall

#### Description

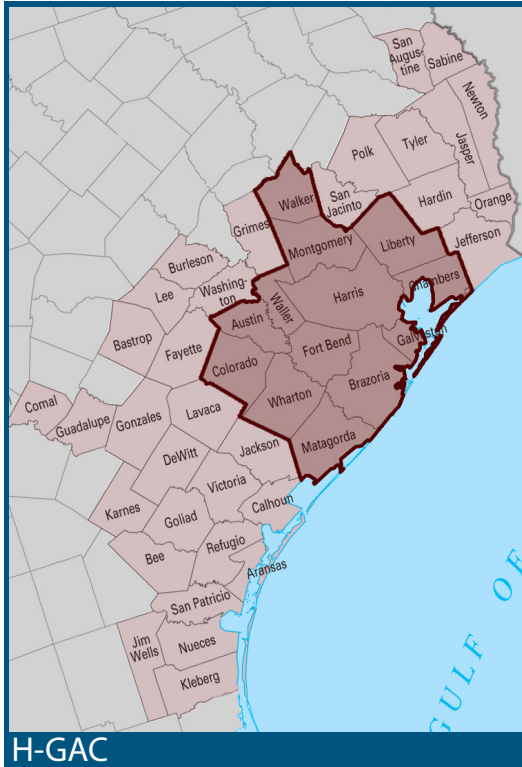
Project will reinforce the sea wall which suffered significant damage from Hurricane Harvey. It addresses safety issues for people utilizing Charlie's Pasture, part of the Port Aransas Nature Preserve area, for recreational activities like fishing.

#### Benefit

#### Return on Investment

The surge created by passing ships has increased. Elevating the sea wall height will ensure public safety and negate the need for ships to operate at speeds which compromise navigational control.

## City of Mont Belvieu



### Hackberry Gully Regional Detention

Estimated Cost

**\$40,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA – Hazard Mitigation, FEMA-DRF**

Congressional District(s)

**36**

Regional detention pond- increase capacity for Hackberry Watershed

#### Description

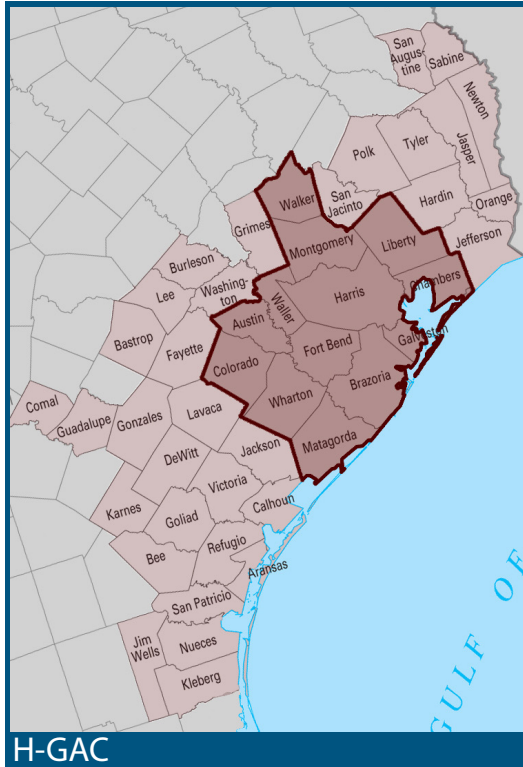
Increasing capacity for the Hackberry Watershed in the Mont Belvieu area will help to protect this area from future flooding during heavy rain events and future storms.

#### Benefit

#### Return on Investment

Increased capacity in the Hackberry Watershed will help minimize flooding during future heavy rain events and provide for greater flood control, reducing flooding risk for residential areas within the watershed.

## City of Mont Belvieu



### Cotton Bayou Relief Channel

Estimated Cost

**\$6,500,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA – Hazard Mitigation, FEMA-DRF**

Congressional District(s)

**36**

This project will create a relief channel to divert some of Cotton Bayou flow into Old River to provide relief to Cotton Bayou.

#### Description

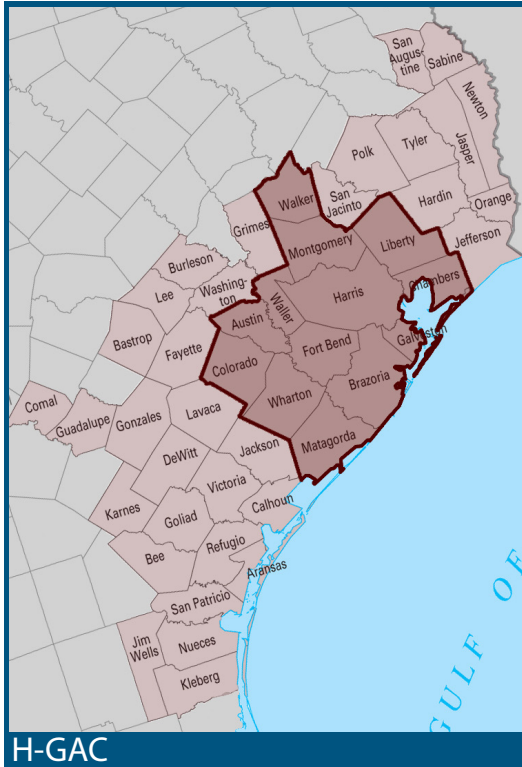
Providing relief to Cotton Bayou by reducing the amount of water in it will mitigate potential flood damage to the surrounding area, including residential areas, during future storm events.

#### Benefit

#### Return on Investment

This \$6,500,000 project will create a relief channel for the Cotton Bayou flood waters to keep them from flowing into surrounding areas, preventing home flooding during future storms and hurricanes and eliminating rebuilding costs.

## City of Mont Belvieu



### Cedar Bayou Dredge

Estimated Cost

**\$250,000,000**

Proposed Funding Source

**Community Development Block Grant**

Other Possible Funding Sources

**FEMA – Hazard Mitigation, FEMA-DRF**

Congressional District(s)

**36**

#### Description

Increase capacity and flow of existing channel from city down to bay including right of way acquisition.

#### Benefit

This dredging project will increase the water movement capability of Cedar Bayou, increase drainage capacity and decrease the areas affected when water flow exceeds capacity.

#### Return on Investment

Increasing the water movement capacity of Cedar Bayou would reduce flooding in the watershed area, resulting in less damage to roadways, allow for better traffic flow for evacuations & fewer residences & businesses flooded.

## State of Texas Higher Education Recovery Project



The project will affect repairs on damaged facilities at 31 institutes of higher education in 12 counties

Estimated Cost

**\$220,068,866**

Proposed Funding Source  
**State Educational Agencies**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)

These institutions were damaged during Hurricane Harvey limiting their ability to function as educational institutions. This funding will allow them to regain their ability to return to normal operations.

### Description

### Benefit

### Return on Investment

Investing \$117.6M will enable these institutions to return to their normal operations before Hurricane Harvey which has a positive impact statewide.

Investing \$117.6M will make help to repair the storm ravaged facilities and return the local communities to normal.



## City of Houston



### FEMA PA Federal Cost Share

Estimated Cost

**\$4,500,000,000**

Proposed Funding Source  
**Economic Development**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**18, 2, 9, 29, 7, 36, 22**

The City is anticipating approximately \$5,000,000,000 in FEMA grants from Harvey. The current federal cost share is 90%.

### Description

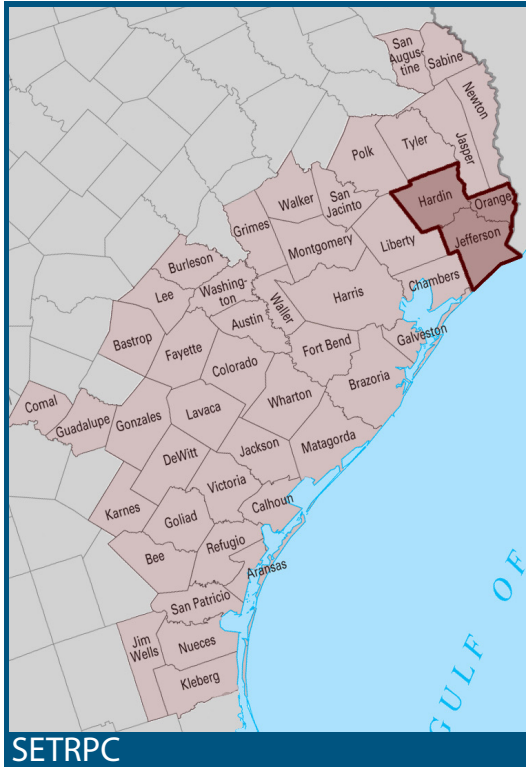
### Benefit

### Return on Investment

The cost share requirements for eligible reimbursements for Houston will exceed their available reserves & further impact their financial stability. This funding will enable the city to continue to perform other important and necessary functions.

This \$4,500,000,000 million will protect the financial rating of the City of Houston and support their ability to quickly recover from Hurricane Harvey to regain the important economic position they hold for the State of Texas and the nation.

## TXDOT



### TXDOT Roadway and Evacuation Route Repairs

Estimated Cost

**\$4,753,000,000**

Proposed Funding Source  
**Transportation Infrastructure**

Other Possible Funding Sources  
**FEMA-DRF, CDBG-DR**

Congressional District(s)  
**All**

This project will make significant improvements to multiple districts that were damaged by Hurricane Harvey.

#### Description

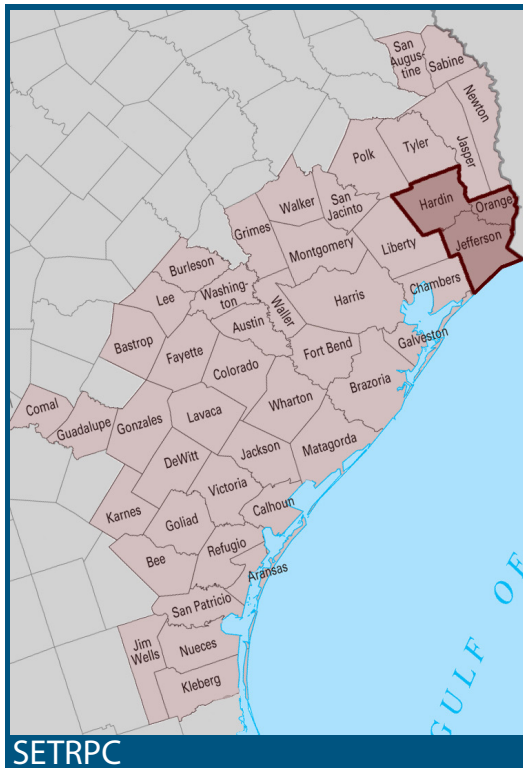
This project will remedy or mitigate flood prone roadways and improve hurricane evacuation routes in multiple districts.

#### Benefit

#### Return on Investment

This project will improve the safety of Texas roads and allow for better evacuation routes in the event of a flood or hurricane.

## City of Port Arthur



SETRPC

### Infrastructure Damage

Estimated Cost

**\$\$500,000,000**

Proposed Funding Source

**Transportation Infrastructure**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

Repair and replacement costs for damages to City infrastructure such as road ways, bridges, right-of-ways, water and wastewater plants, lift stations, clarifiers, appurtenances, pumps, pipeline, meter boxes, storm sewer, culverts, etc.

### Description

Repairing and replacing city infrastructure such as roadways, bridges, right-of-ways, etc.... will benefit the people in Port Arthur by ensuring they have safe access throughout the City and allow Port Arthur to get back to full operational capacity.

### Benefit

### Return on Investment

The \$500 million project to repair & replace City infrastructure aids in the prevention of future disasters. Devoting resources to this project will create value for the City & improve roadways/bridges that are extensively damaged.

## Polk County Precinct 4



### Road Maintenance

Estimated Cost

**\$1,000,000**

Proposed Funding Source

**Transportation Infrastructure**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**36**

Road maintenance to rough estimate of about 40 roads.

### Description

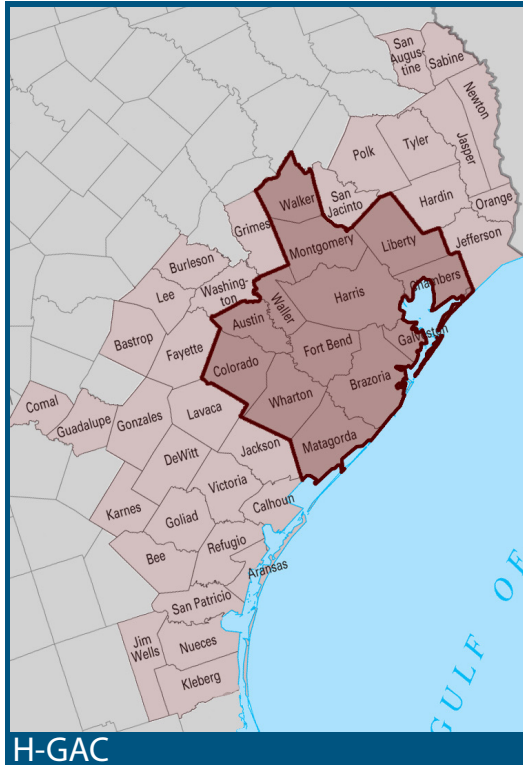
### Benefit

### Return on Investment

The project will benefit Polk County Precinct 4 as it will allow for maintenance to roads that experienced flooding during Hurricane Harvey. Repairs to roadways will give citizens safe thoroughfares upon which to travel.

This \$1 million project will improve Polk County Precinct 4 roadways which and ensure they function properly to improve mobility and reliability during weather events.

## Texas City



### Storm Sewer System Replacement

Estimated Cost

**\$15,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**FEMA-Hazard Mitigation**

Congressional District(s)

**14**

Replace failing storm sewer system at Logan/29th/7th Ave N

### Description

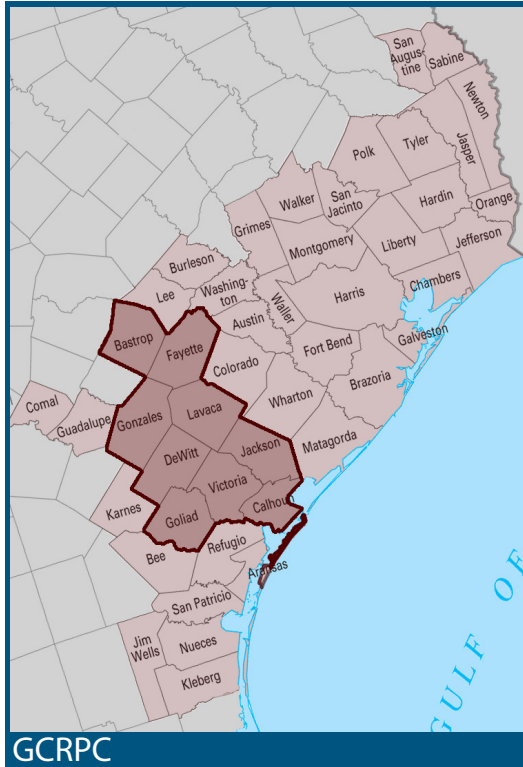
This project will allow sewer services to function properly even in future hurricane scenarios. This project could also reduce future breakdowns of the storm sewer system at those locations.

### Benefit

### Return on Investment

This \$15 million project will help operations move smoothly in providing valuable water treatment services to Texas City. It will also prevent unnecessary damages to property and reduce costs of repairing damages.

## UT Austin



### Marine Science Institute Repairs

Estimated Cost

**\$114,509,747**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

This project will make much needed repairs to the Marine Science Institute and help cover the costs the university incurred due to Hurricane Harvey.

### Description

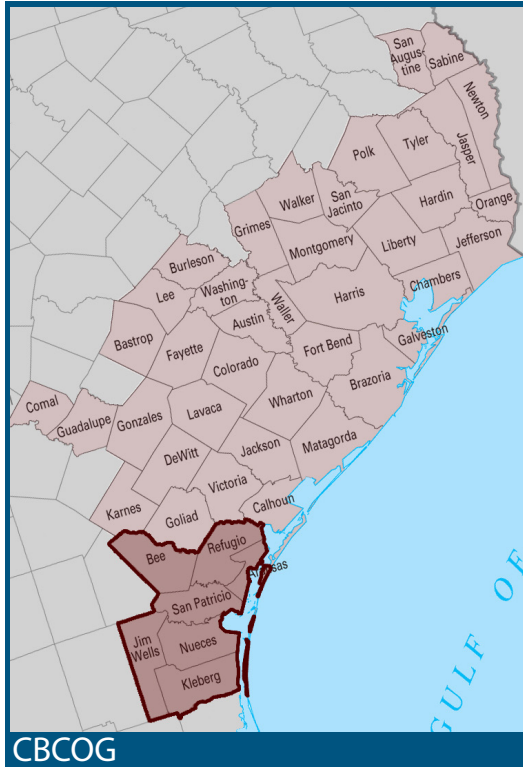
This project will repair and rebuild the Marine Science Institute, which will allow the university to earn revenue for campus events and allow the institute to function as it did prior to Hurricane Harvey.

### Benefit

### Return on Investment

The Marine Science Institute was damaged during Hurricane Harvey and other recent rainfall events limiting its ability to function as an educational institution. This funding will allow the Institute to regain its ability to return to normal operations.

## Aransas County



Repair /Replace Buildings,  
Equipment, & Contents

Estimated Cost

**\$30,708,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

This project will include new construction to replace essential buildings and equipment that were destroyed by flood and wind damage.

### Description

The replacement buildings and equipment will be built to be more resilient and will reduce future impact on the community in similar events.

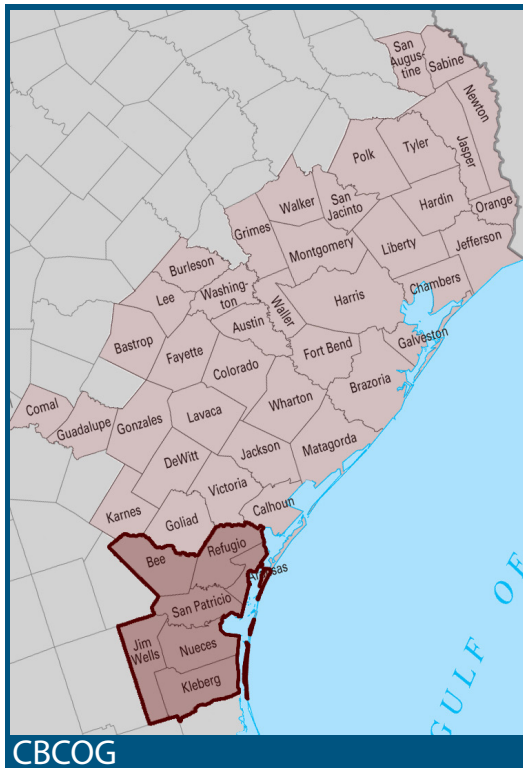
### Benefit

### Return on Investment

The improved buildings will be better able to handle future events thus reducing later cost to the city and state as a whole. The replacement of equipment and contents will allow the County to resume normal operations.



## City of Rockport



### City of Rockport Repairs

Estimated Cost

**\$17,450,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

This project will make much needed repairs to the city's buildings and equipment.

### Description

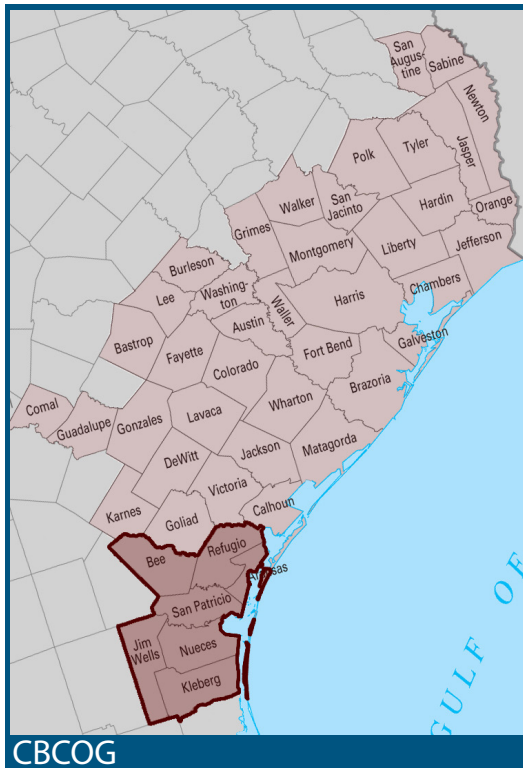
This project will improve emergency operations, roads, asphalt, signs, pumping stations, utilities, parks, and other life safety amenities.

### Benefit

### Return on Investment

This project will improve the safety of this city and repair damages caused by Hurricane Harvey and assist in their economic recovery.

## City of Fulton



### Fulton City Community Infrastructure

Estimated Cost

**\$9,091,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

### Description

This project will construct new community infrastructure in order to replace items destroyed by the flooding. This will reduce the overall hazardous structures throughout the community and reduce further issues within Fulton City.

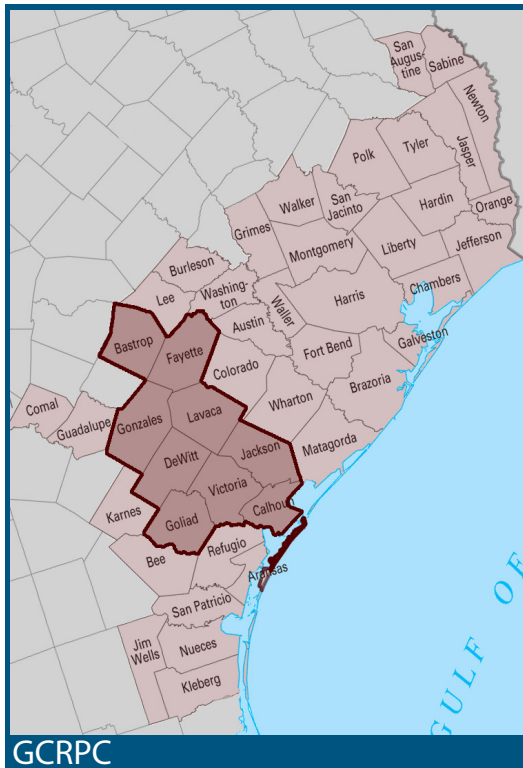
### Benefit

The overall construction throughout the city will allow for improved safety of the city and for the citizens of the area. The replacement of essential public safety items such as street repairs, light poles and community buildings will enhance the safety and aid in the recovery of the community.

### Return on Investment

The construction of new public and community structures will make the community a safer place and improve the overall image of the city. Local and visiting citizens will be able to enjoy the city with new playgrounds and improved streets giving the city a sense of pride people will want to live in increasing the economy of the area as a whole.

## City of Victoria



### City of Victoria Hurricane Harvey Repairs

Estimated Cost

**\$102,881,879**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

The project will make much needed repairs to the city of Victoria, which was recently affected by Hurricane Harvey.

#### Description

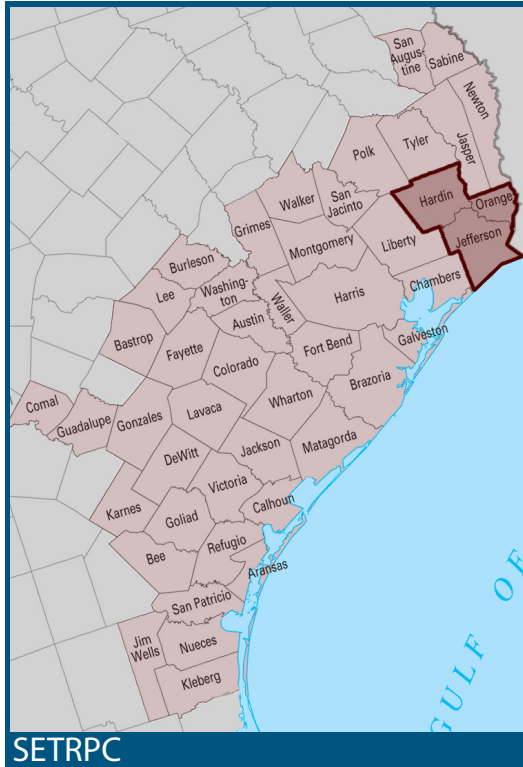
These repairs will remediate erosion, enhance gate valves, repair river flood gates, and provide a number of other benefits to the city of Victoria.

#### Benefit

#### Return on Investment

This city was flooded during Hurricane Harvey and other recent major rainfall events. This project will help remediate damages done to the city, which will allow the city to function as it did before the hurricane.

## City of Port Arthur



### Building Damage

Estimated Cost

**\$\$230,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

Repair and replacement costs for damages to City buildings resulting from the Hurricane Harvey Disaster. Replacement and repair of damaged buildings is necessary to ensure safety of those working in those buildings.

### Description

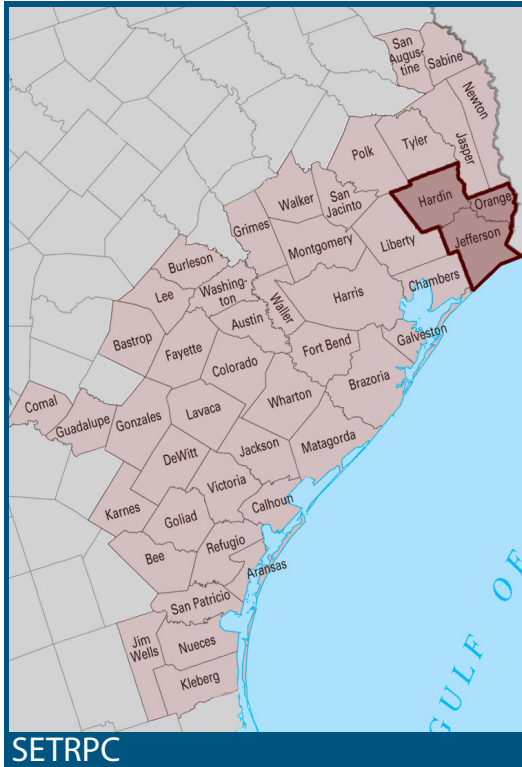
### Benefit

The benefit of repairing damaged buildings helps get the City back to full operational capability which allows the City to go forward in recovery efforts. Construction improvements will reduce damage from future storms.

### Return on Investment

This investment will help restore services to the citizens of the City of Port Arthur & will help update and modernize its services. This project will also ensure that the buildings are completely restored and safe for city workers to return.

## City of Port Arthur



SETRPC

### Fleet and Equipment

Estimated Cost

**\$\$20,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

### Description

Repair & replacement costs for damages to City vehicles and equipment (e.g., garbage trucks, street sweepers, tractors, trailers, graders, mowers, bob cats, utility vehicles, commercial generators, pumps, motors, tools, etc....) damaged in Hurricane.

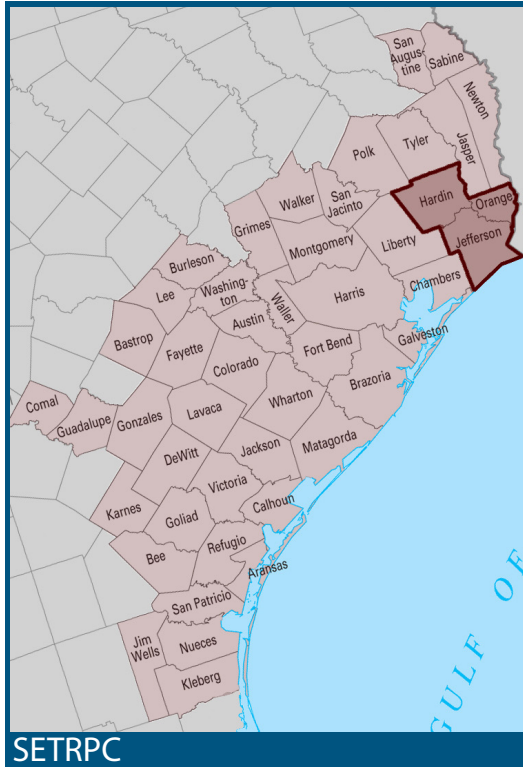
### Benefit

Repair & replacement of City vehicles & equipment is critical in getting City of Port Arthur back to the operational status. Fixing equipment like garbage trucks, street sweepers, boom lifts, etc.... will aid in recovery & cleanup from the hurricane.

### Return on Investment

This \$20 million dollar project will allow the City of Port Arthur to repair and replace items that are critical in the recovery of the City and will enhance the safety and aid in the recovery of the community as well as aid in future disasters.

## City of Port Arthur



### Office Equipment and Building Contents

Estimated Cost

**\$\$45,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**14**

#### Description

The City of Port Arthur is requesting funding for repair & replacement costs for damages to City office equipment such as computers, monitors, copiers, furniture, critical documents, library books & media, convention & visitor's center equipment.

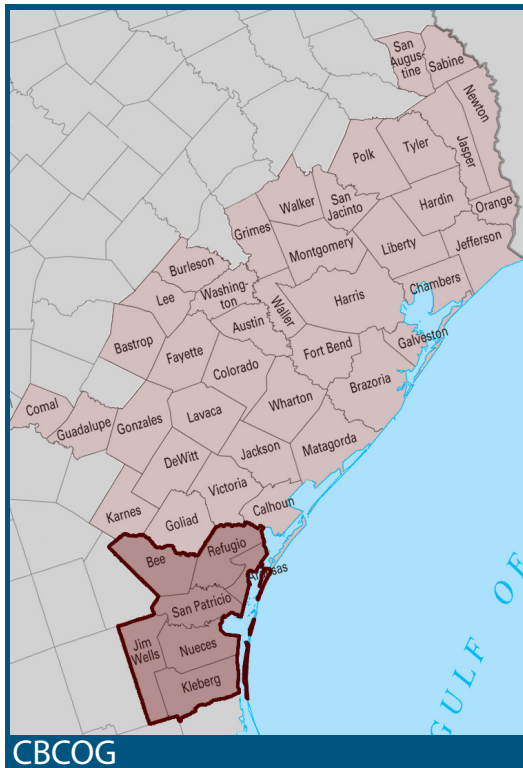
#### Benefit

Repairing and replacing city office equipment such as computers and copiers will allow the City to function and perform tasks that directly relate to their recovery from Hurricane Harvey.

#### Return on Investment

This project will allow the City of Port Arthur to move forward in administrative functions and other duties performed by the City and allow them to have better ability to deal with future disasters.

## Port of Corpus Christi



### Joint Port Security Command and Emergency Operations Center

Estimated Cost

**\$20,000,000**

Proposed Funding Source

**FEMA – Disaster Relief Fund**

Other Possible Funding Sources

**CDBG-DR**

Congressional District(s)

**27**

Establish a command and control center to co-locate Port Security & Harbor Master ops. The facility will serve as the multi-agency coordination center for all-hazards maritime transportation incidents & a safe refuge/shelter for essential personnel.

#### Description

A dedicated facility built to provide near-absolute protection in extreme weather events, including tornadoes and hurricanes, with adequate and appropriate technological support does not currently exist.

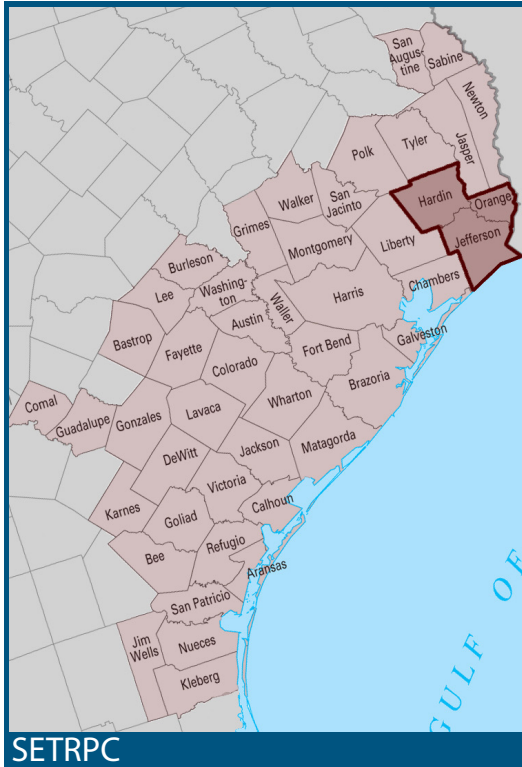
#### Benefit

#### Return on Investment

The existing Harbor Master's Office and Security Command Center are vulnerable to Category 4 & 5 winds, are in the 500 year flood plain and are also vulnerable to storm surge inundation. This project will save costs in future storm disasters.



## Orangefield Water Supply Corporation



Permanent FM 1442, 10 inch Vacuum  
Sewer Line Service

Estimated Cost

**\$3,700,000**

Proposed Funding Source  
**FEMA – Disaster Relief Fund**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**36**

Replace Temporary 10 inch Vacuum Sewer Line with a new Vacuum Sewer Station and Force Main to Wastewater Treatment Plant to serve displaced sewer customers.

### Description

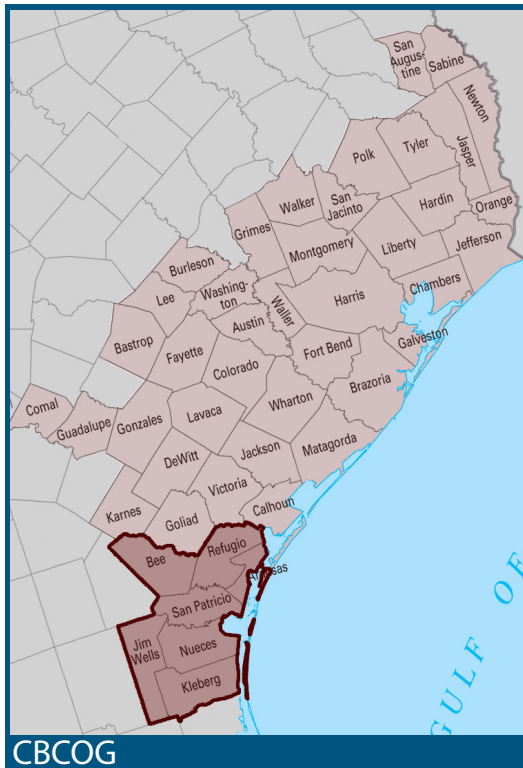
This repair will allow sewer lines in the area to operate more efficiently and effectively, providing a necessary service to local residents in Orangefield.

### Benefit

### Return on Investment

This \$3,700,000 project will help operations run more smoothly in providing Orangefield valuable water treatment services and would reduce potential damages in future storm events.

## Refugio County Memorial Hospital District



### Refugio County Memorial Hospital Facilities

Estimated Cost

**\$5,850,000**

Proposed Funding Source  
**Healthcare**

Other Possible Funding Sources  
**CDBG-DR**

Congressional District(s)  
**27**

#### Description

Repair/replace facilities and equipment damaged by flooding. Services include interior & exterior repair, roofing, windows, drainage, fire escapes flooring, and operating rooms.

#### Benefit

These repairs and improvements will allow Refugio County Memorial Hospital District to resume normal services to its citizens.

#### Return on Investment

This investment of \$5.85 million will not only help to restore medical services to the citizens of Refugio County but will also help to update and modernize equipment and services.