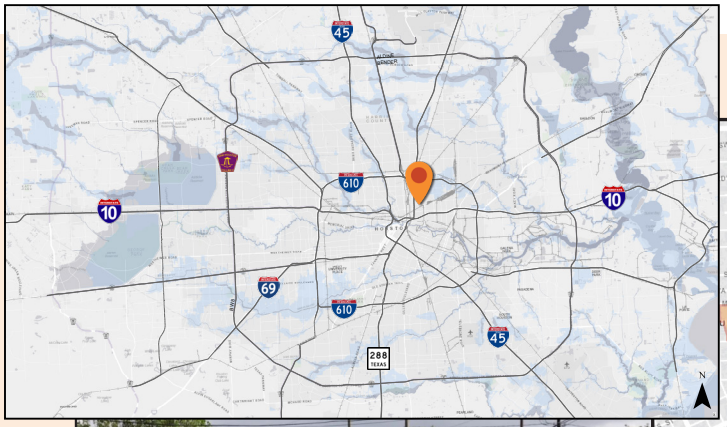
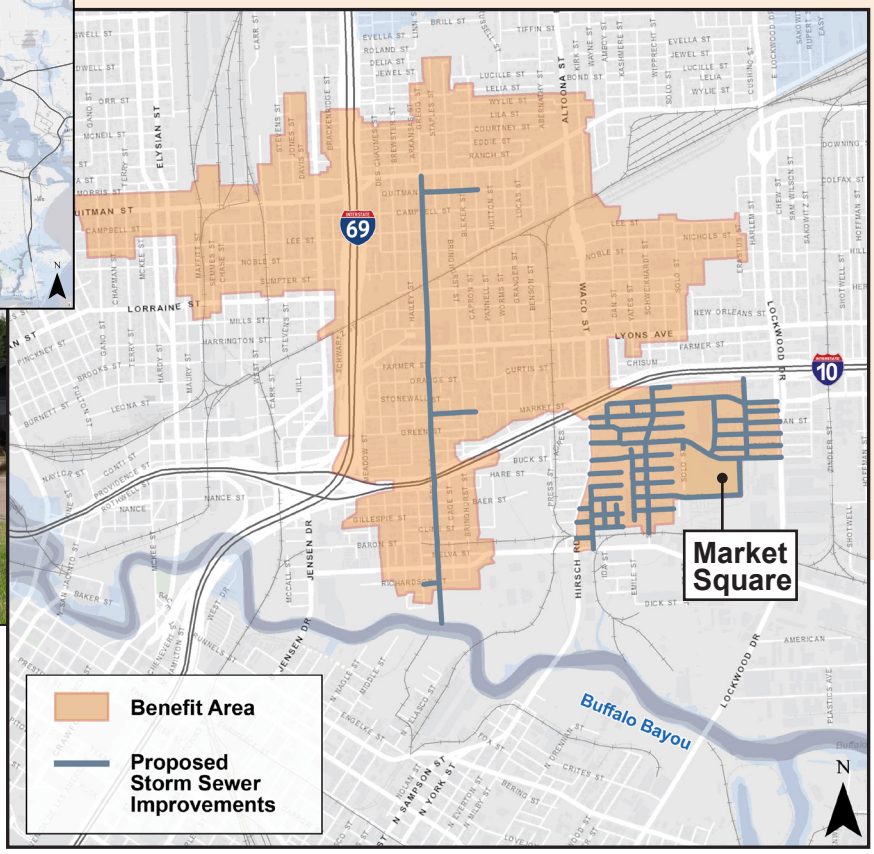
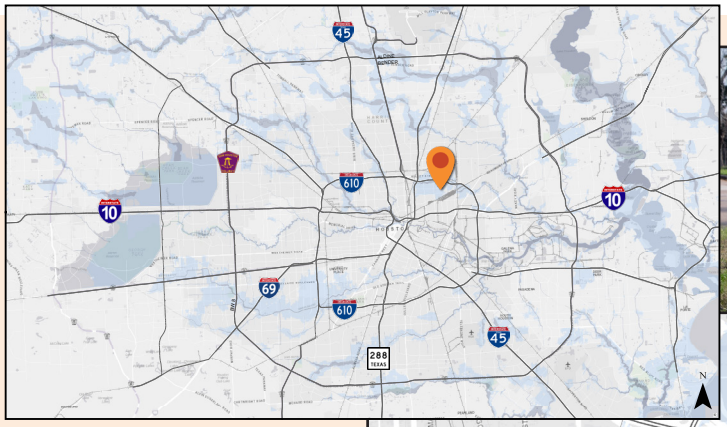
HOUSTON FIFTH WARD AREA FLOOD MITIGATION

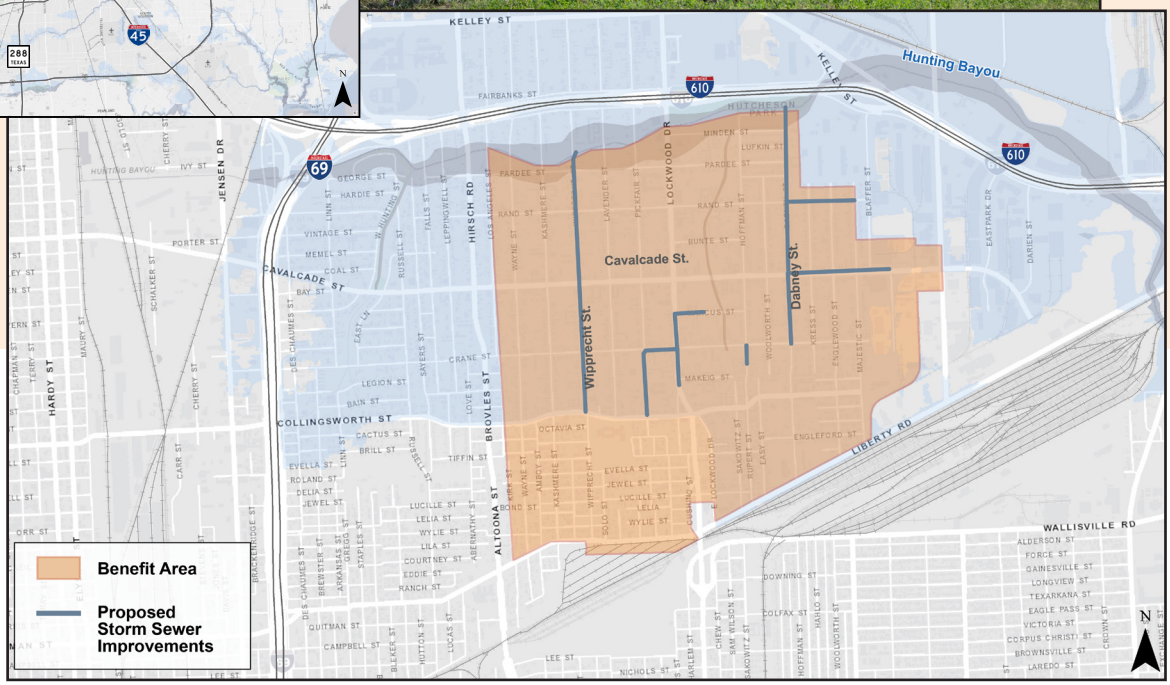




Scope of Work	The Fifth Ward area is bounded to the north by Quitman Street, Cochran Street on the west, Buffalo Bayou on the south and Lockwood Drive on the east. The majority of the area drains directly to Buffalo Bayou; portions north of Quitman Street drain to Hunting Bayou. The project consists of a 1.5 mile drainage trunk system on Gregg Street from Liberty to Buffalo Bayou. Market Square is located in east Houston, south of IH-10, between Lockwood and Hirsch Rd. The project will improve drainage infrastructure with upgraded storm trunk on Buck St., Schweikhardt St.,and Coke St. The drainage system will also include a new 3 x 108-inch trunk system tying to Japhet Creek.			
CDBG-MIT Cost Estimate	**$115,021,697**			
Structures Impacted and Roadway Inundation	Structures Impacted (100-year) Existing	Structures Impacted (100-year) Proposed	Roadway Inundation Miles (100-year) Existing	Roadway Inundation Miles (100-year) Proposed
	1,367	326	13 with greater than 6-inches (topping curb) in 100-year event	3.71

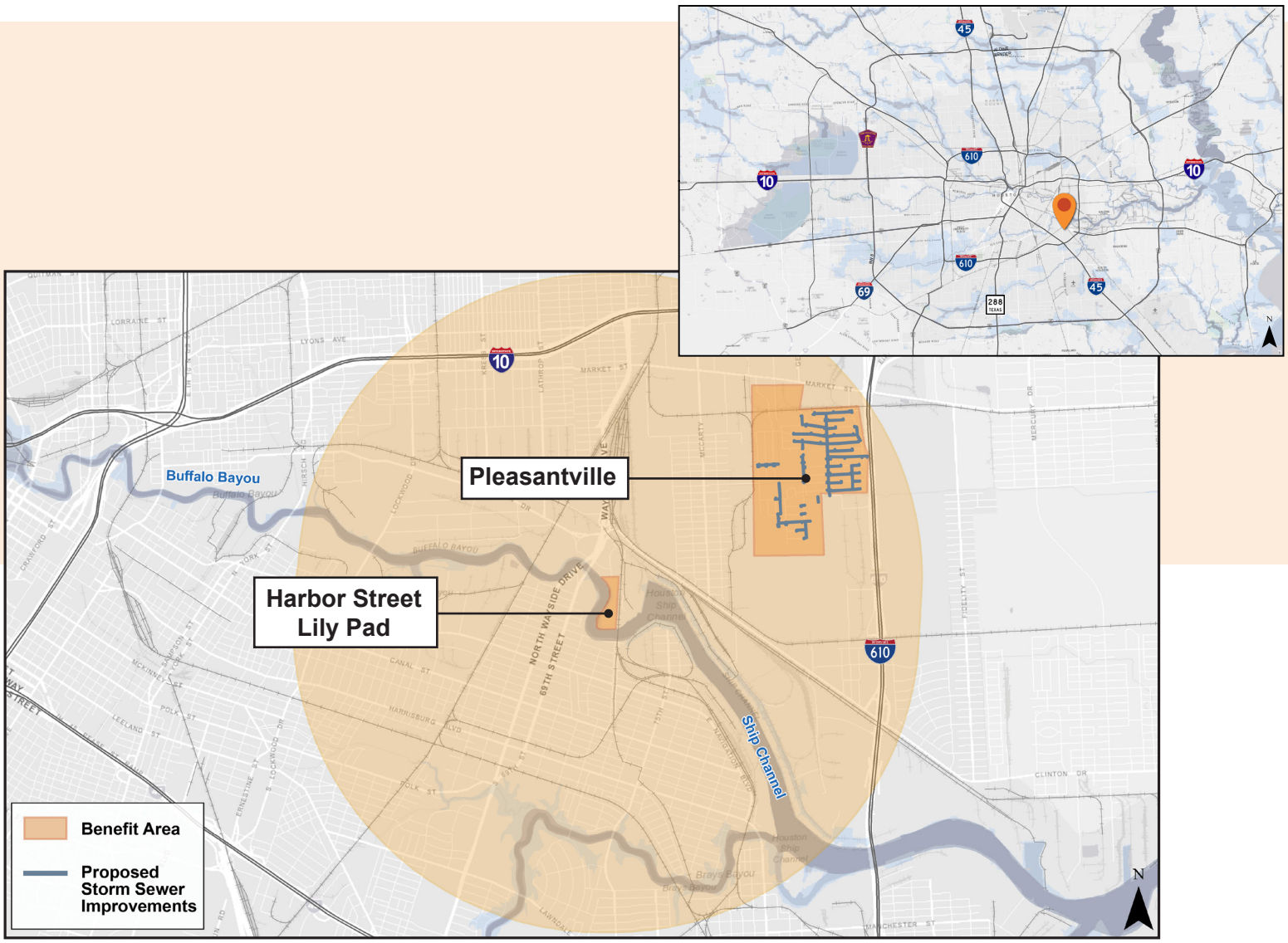
HOUSTON KASHMERE GARDENS AREA FLOOD MITIGATION





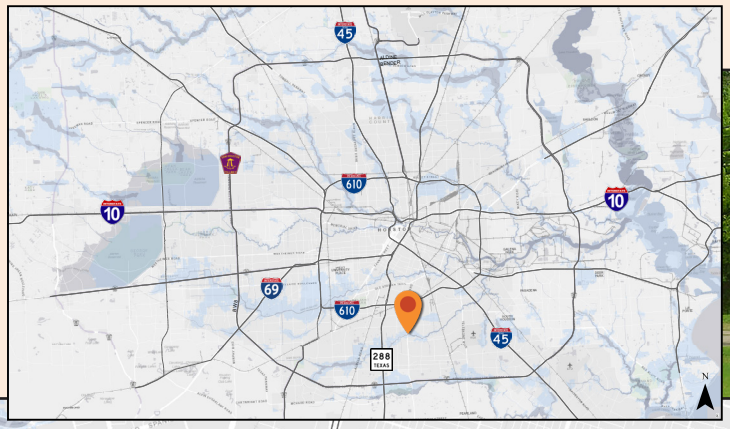
Scope of Work	The project area is located in the eastern half of the Kashmere Gardens neighborhood, bounded by Wipprech St. on the west, Liberty Rd. on the south, Homestead Rd. on the east, and Hunting Bayou on the north. The project includes major storm sewer improvements beneath Wipprecht St., Pickfair St., Crane St., Lockwood Dr., Marcus St., Dabney St., Rand St., and Cavalcade St., improvements to roadside ditch systems and culverts east of Channel H110-00-00, and sewer inlet replacement in the area southwest of Channel H110-00-00. Green storm water infrastructure improvements will be constructed in the western portion of the project area. The project will also include construction of detention basins that will incorporate pedestrian trails and green space amenities.			
CDBG-MIT Cost Estimate	**$94,879,585**			
Structures Impacted and Roadway Inundation	Structures Impacted (100-year) Existing	Structures Impacted (100-year) Proposed	Roadway Inundation Miles (100-year) Existing	Roadway Inundation Miles (100-year) Proposed
	565	197	16.7	2.6

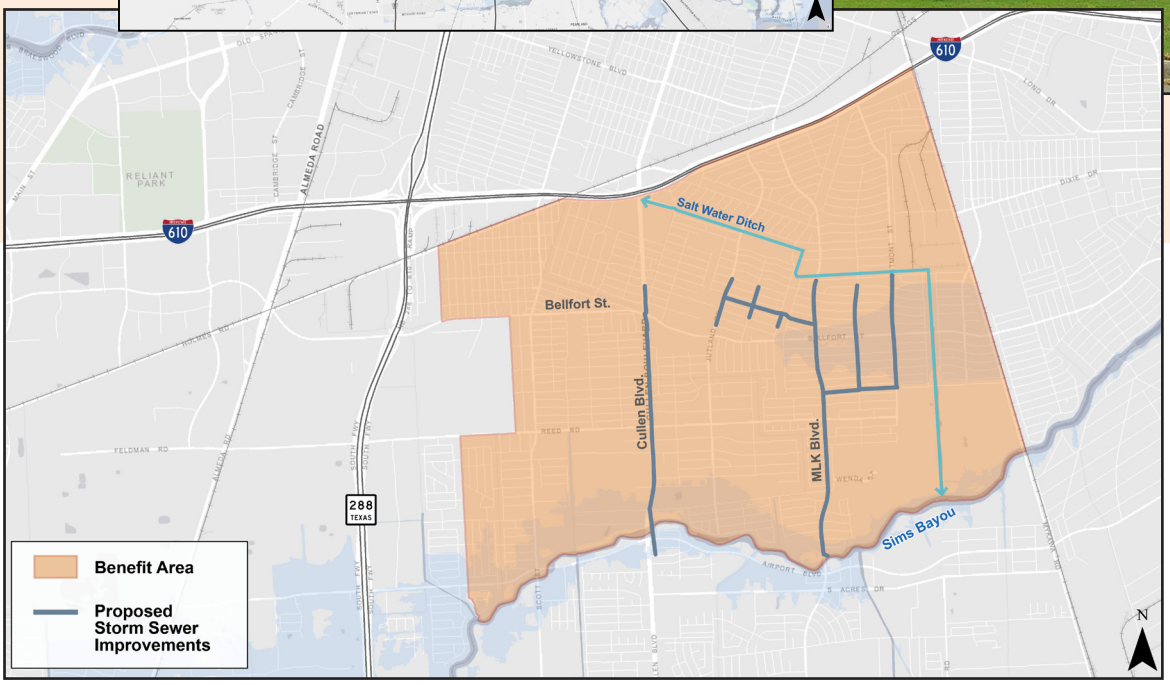
HOUSTON PORT AREA FLOOD MITIGATION



Scope of Work	The Pleasantville project area is bounded by Market St. to the north, IH 610 Loop to the east, Port of Houston Authority to the south, and Demaree Ln. to the west. The project includes storm sewer improvements on nearly every street in the neighborhood to improve conveyance capacity of the complete system. This project also includes construction of a detention basin on the Port of Houston property to mitigate the improvements. The Harbor Street Lily Pad project includes a proposed community center and a pedestrian bridge.			
CDBG-MIT Cost Estimate	**$99,021,350**			
Partner	Port Houston, Buffalo Bayou Partnership			
Structures Impacted and Roadway Inundation	Structures Impacted (100-year) Existing	Structures Impacted (100-year) Proposed	Roadway Inundation Miles (100-year) Existing	Roadway Inundation Miles (100-year) Proposed
	470	8	21.8	18.7
Lily Pad	Lily Pad assumes a minimum 2-mile radius service (benefit) area.			

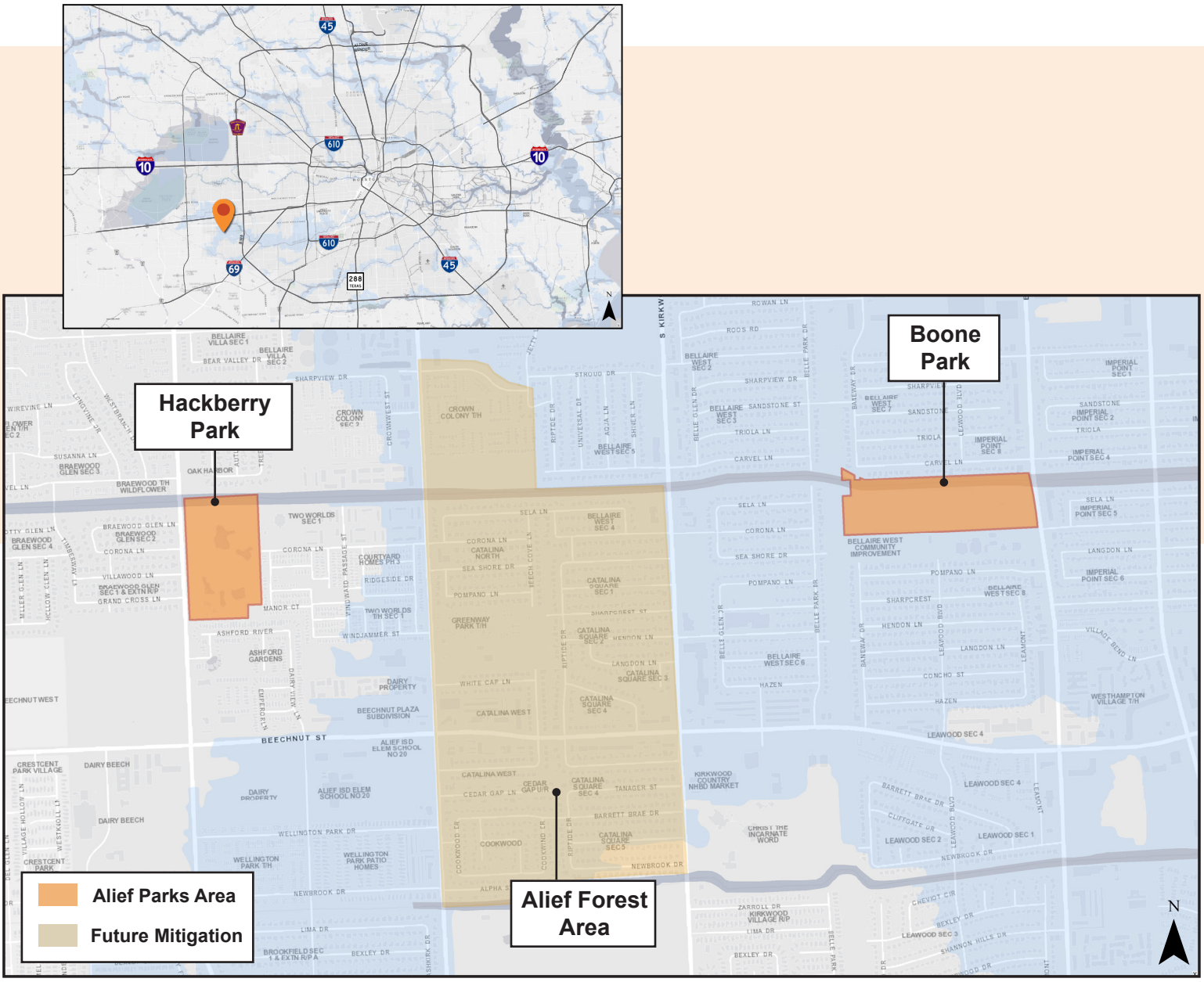
HOUSTON SUNNYSIDE AREA FLOOD MITIGATION





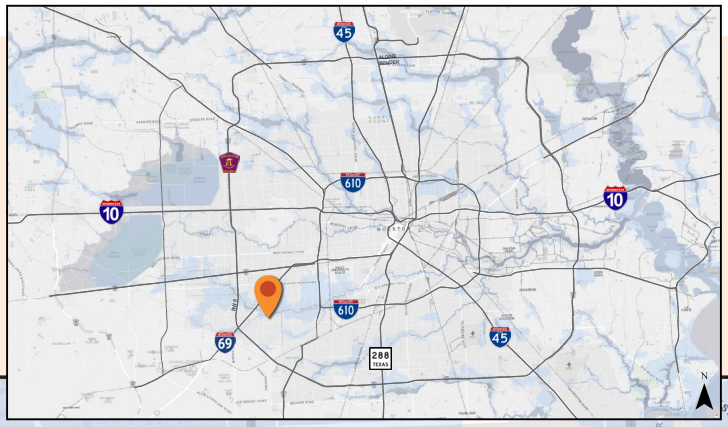
Scope of Work	The project area bounded by Cullen Blvd. on the west, Salt Water Ditch (HCFCD Channel C118-00-00) on the north and east, and Sims Bayou on the south. The project includes new storm sewer trunk systems on Cullen Blvd. and MLK Blvd., new storm sewer systems on Crestmont St., Southbank, and Vasser Rd., and storm sewer improvements on Jutland Rd., Herschelwood St., and Lyndhurst Dr. The project will also require construction of detention basins to mitigate the improvements.			
CDBG-MIT Cost Estimate	**$111,251,647**			
Structures Impacted and Roadway Inundation	Structures Impacted (100-year) Existing	Structures Impacted (100-year) Proposed	Roadway Inundation Miles (100-year) Existing	Roadway Inundation Miles (100-year) Proposed
	6,821	4,886	92.3	79.7

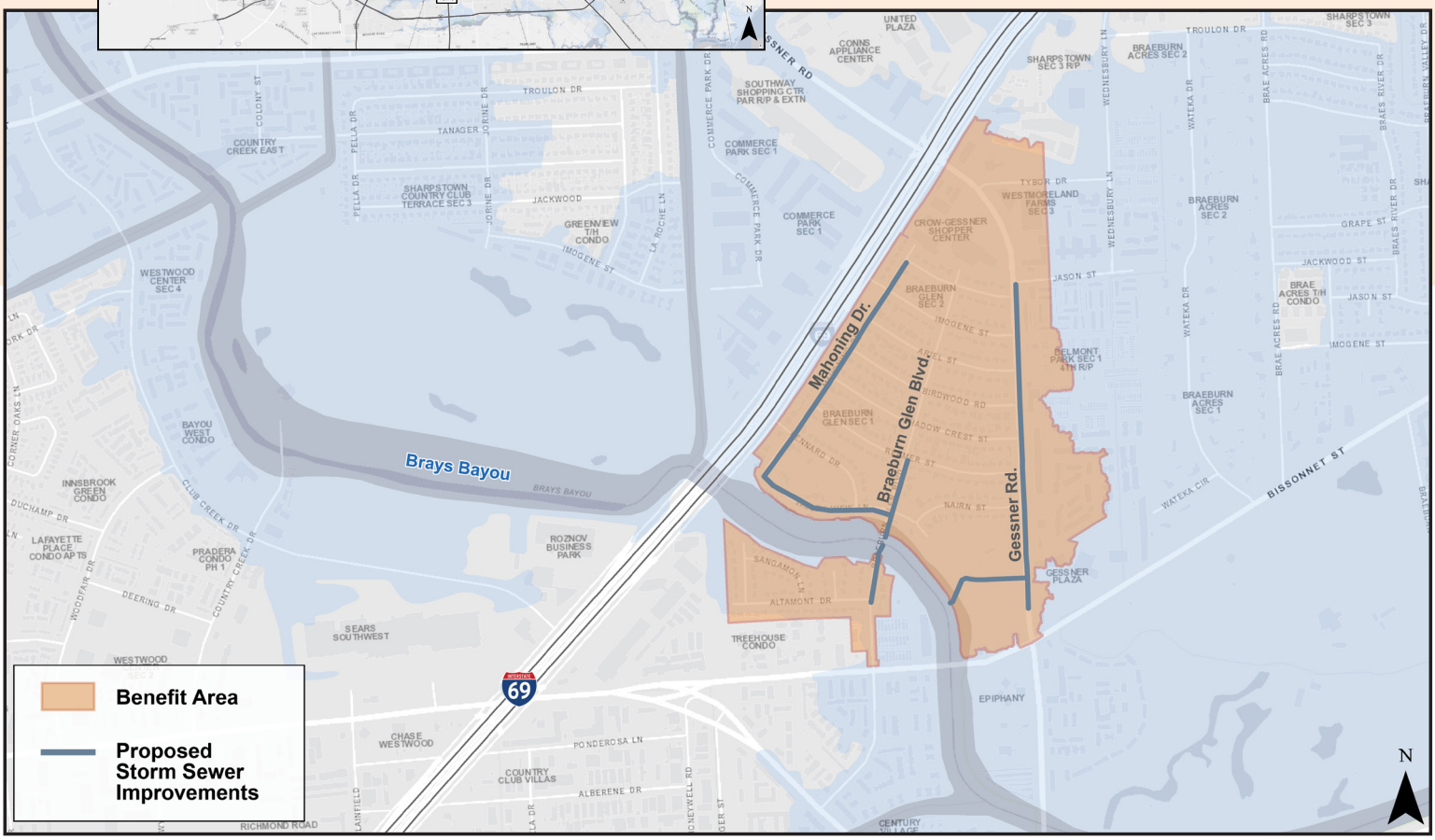
HOUSTON ALIEF PARKS FLOOD MITIGATION



Scope of Work	Located in the Alief area, adjacent to the D-122 channel, Boone and Hackberry Park project would enhance the park with upgraded recreation detention soccer fields, walking trails, and water/detention feature. Approximately 40 acre-feet of detention would be created to help mitigate flooding to the nearby Alief neighborhood.
CDBG-MIT Cost Estimate	**$8,265,850**

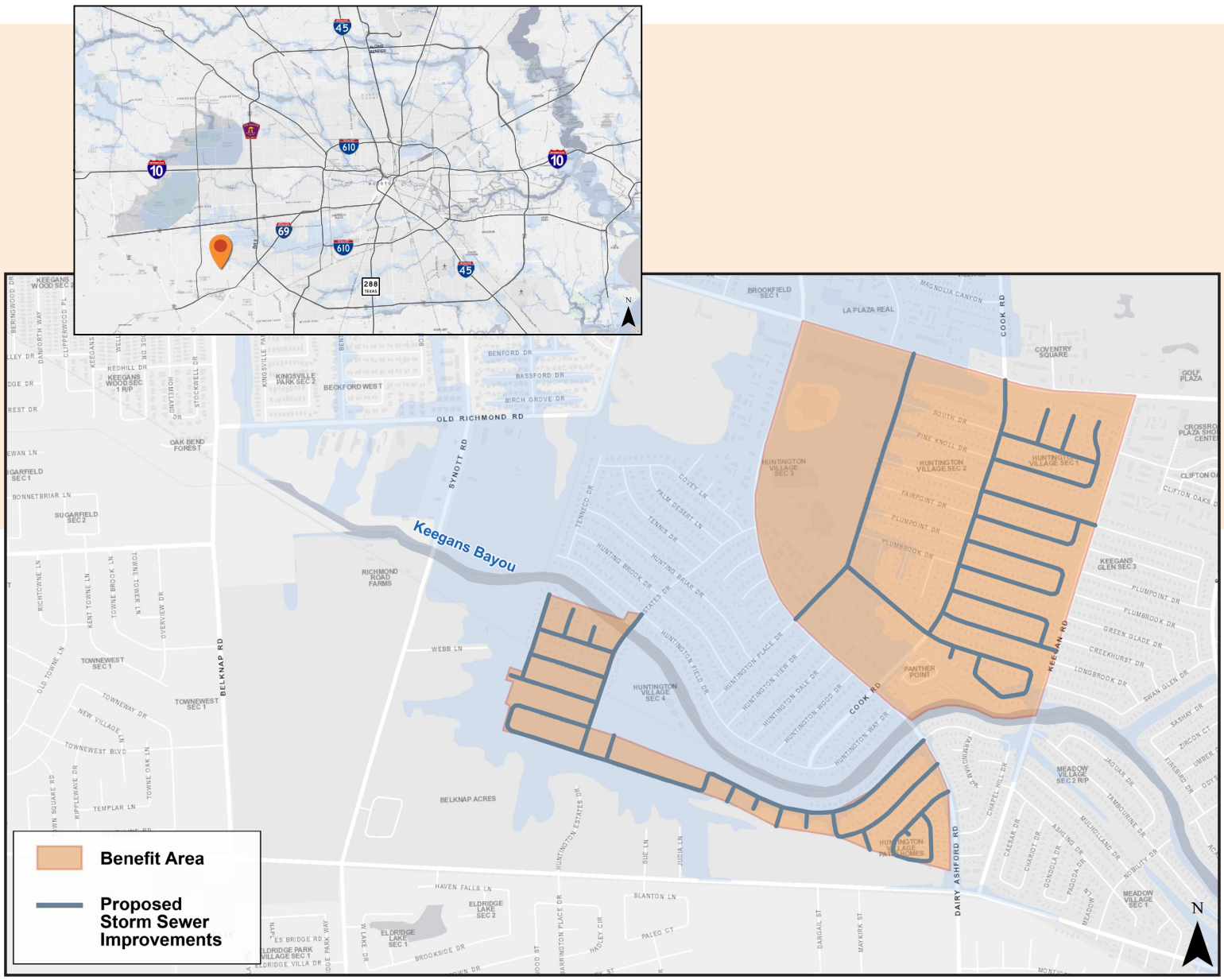
HOUSTON BRAEBURN GLEN AREA FLOOD MITIGATION





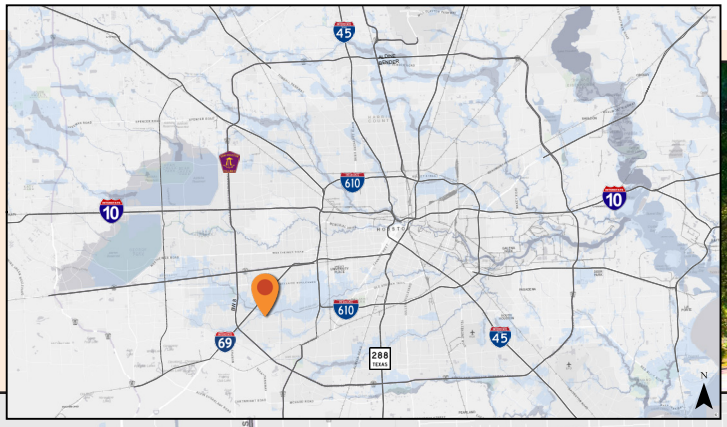
Scope of Work	Braeburn Glen neighborhood is located close to the Sharpstown area, south of US 59 and north of Brays Bayou. The proposed project will upgrade storm sewer trunk lines in the neighborhood along Gessner Rd, Mahoning Dr, and Braeburn Glen Blvd.			
CDBG-MIT Cost Estimate	**$6,378,191**			
Structures Impacted and Roadway Inundation	Structures Impacted (100-year) Existing	Structures Impacted (100-year) Proposed	Roadway Inundation Miles (100-year) Existing	Roadway Inundation Miles (100-year) Proposed
	9	3	4.8	0.9

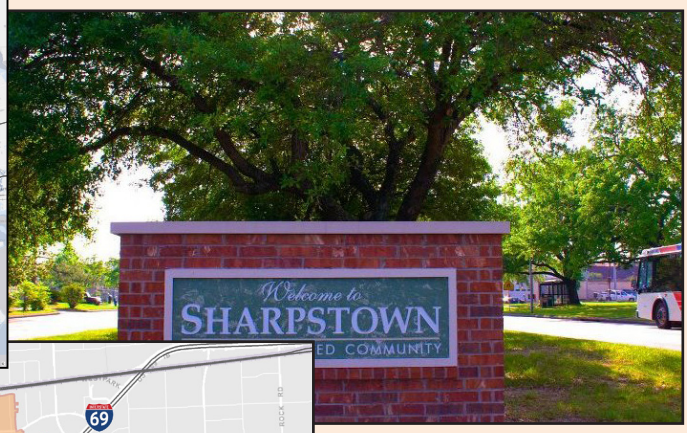
HOUSTON HUNTINGTON VILLAGE AREA FLOOD MITIGATION

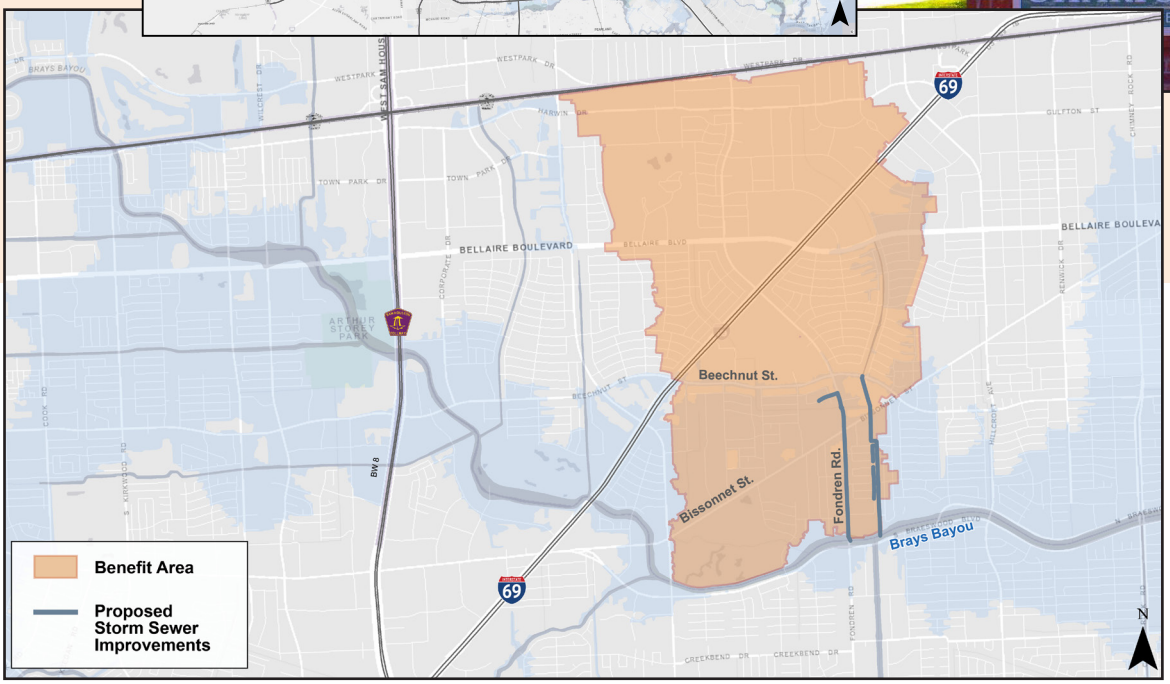


Scope of Work	Huntington Village is a residential neighborhood that is bisected by Keegan Bayou. The neighborhood comprises of a curb and gutter drainage system and located in both the 100-year and 500-year floodplain. The proposed project is to improve the drainage system in the neighborhood and reduce structural flood loss.			
CDBG-MIT Cost Estimate	**$78,588,284**			
Partner	International Management District			
Structures Impacted and Roadway Inundation	Structures Impacted (100-year) Existing	Structures Impacted (100-year) Proposed	Roadway Inundation Miles (100-year) Existing	Roadway Inundation Miles (100-year) Proposed
	147	48	5.9	5.4

HOUSTON SHARPSTOWN AREA FLOOD MITIGATION







Scope of Work	D-133 Bintliff Ditch and the Sharpstown Area is located west of IH-610; specifically, between Brays Bayou to the south, Harwin to the north, and east of Fondren Road. The area is a mix of single family residential, institutional, commercial, and multi-family parcels. There are approximately 4,139 parcels in the project area. The proposed project includes a trunk system in the D-133 channel from Beechnut to Brays Bayou, and an additional drainage box system under Fondren Rd from D-133-01 to Brays Bayou			
CDBG-MIT Cost Estimate	**$109,486,671**			
Structures Impacted and Roadway Inundation	Structures Impacted (100-year) Existing	Structures Impacted (100-year) Proposed	Roadway Inundation Miles (100-year) Existing	Roadway Inundation Miles (100-year) Proposed
	269	162	39.8	30.58