



CITY OF HOUSTON

Chief Recovery Officer

Sylvester Turner

Mayor

Stephen C. Costello, P.E.
Chief Recovery Officer
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November 19, 2019

Ms. Heather Lagrone
Deputy Director
Texas General Land Office
1700 N. Congress Avenue
Austin, Texas 78701

RE: CDBG-MIT

Dear Ms. Lagrone,

On October 18th, 2019, the City of Houston, in partnership with Harris County and the Harris County Flood Control District, submitted a set of projects to the Texas General Land Office for funding through the HUD CDBG-Mitigation program. The attached maps provide further depiction of proposed regional interagency CDBG-MIT projects which are consistent with federal requirements, addressing current and future risks in the most impacted and distressed areas of Texas. The projects shown are grouped by watershed to maximize regional flood risk reduction benefits in areas with high numbers of repetitive losses.

Following Hurricane Harvey, the City of Houston and Harris County were determined by the federal government to be most impacted and distressed areas. These regional watershed projects submitted to the state represent the most impacted and distressed areas that also meet federal income standards. Houston and Harris County have experienced one 50-year storm event, two 100-year storm events and one 500-year storm event since April 2016. There is no other region in the State of Texas that must mitigate for this type of frequent and damaging threat pattern.

The watersheds for which funding has been requested represent a fraction of the need throughout Houston and Harris County. It is the intent of the City of Houston to showcase the regional coordination projects highlighted in Appendix 1. If selected for the State Action Plan, these will lay the foundations for Houstonians to thrive. The City of Houston and partners welcome the opportunity to discuss these projects in detail.

For questions regarding the content attached, please contact stephen.costello@houstontx.gov

Sincerely,

A handwritten signature in black ink, appearing to read "Stephen C. Costello", written over a horizontal line.

Stephen C. Costello, P.E.
Chief Recovery Officer
City of Houston

CC:

Mayor Sylvester Turner

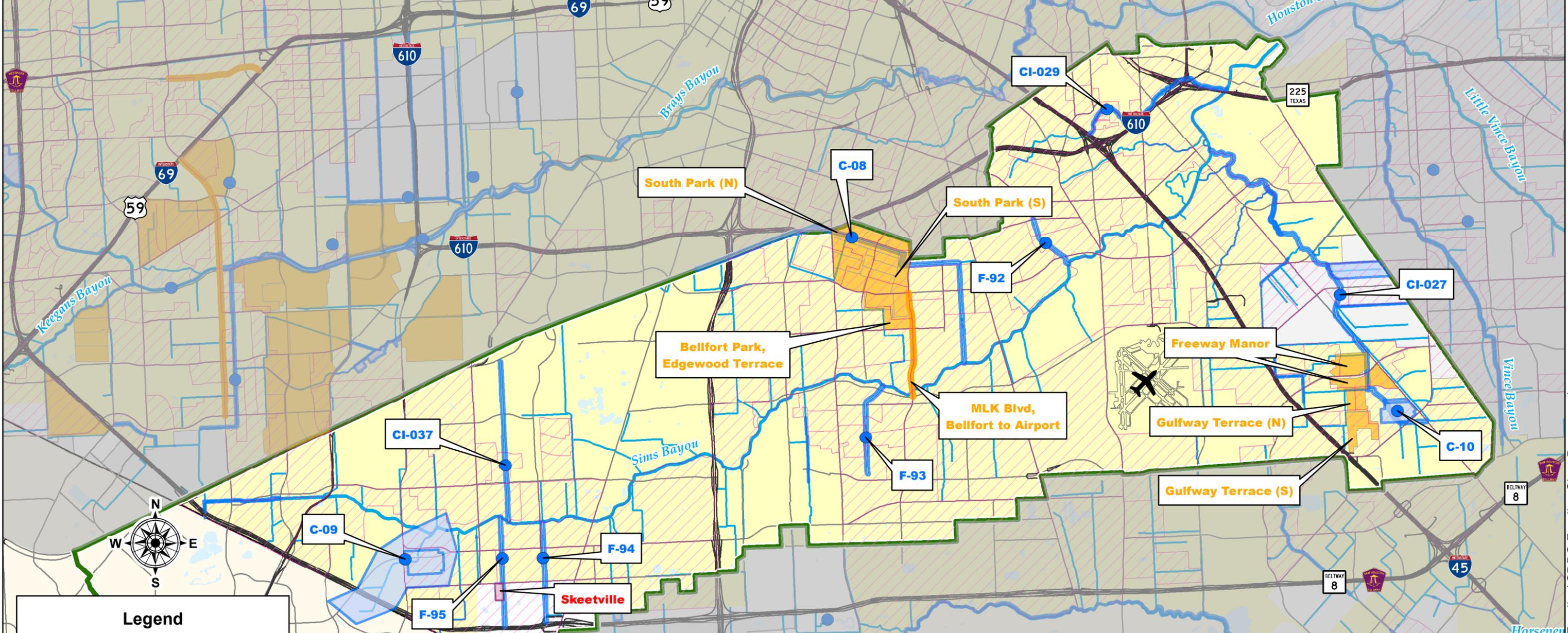
Judge Lina Hidalgo, Harris County

George P. Bush, General Land Office

Chief Nim W. Kidd, Texas Division of Emergency Management

Executive Director Russell Poppe, Harris County Flood Control District

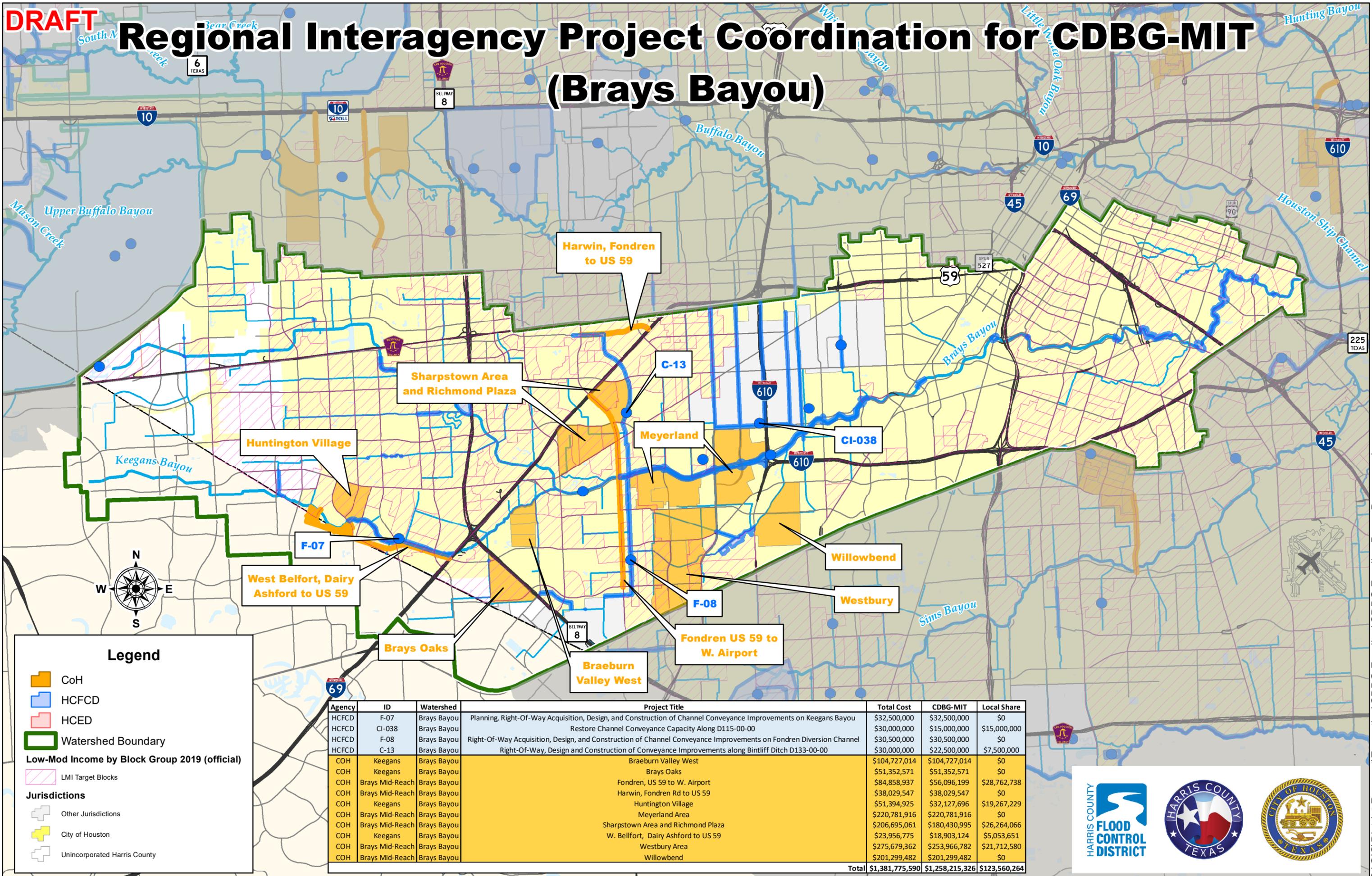
DRAFT Regional Interagency Project Coordination for CDBG-MIT (Sims Bayou)



Agency	ID	Watershed	Project Title	Total Cost	CDBG-MIT	Local Share
HCFC	C-09	Sims Bayou	Right-Of-Way Acquisition, Design, and Construction of South Post Oak Stormwater Detention Basin and Channel Improvements along C147-00-00	\$18,170,000	\$13,627,500	\$4,542,500
HCFC	C-10	Sims Bayou	Design and Construction of C506-01-00-E003	\$15,000,000	\$11,250,000	\$3,750,000
HCFC	F-92	Sims Bayou	Planning, Right-Of-Way Acquisition, Design and Construction Along C116-00-00	\$10,000,000	\$10,000,000	\$0
HCFC	F-93	Sims Bayou	Planning, Right-Of-Way Acquisition, Design and Construction Along C124-00-00	\$10,000,000	\$10,000,000	\$0
HCFC	F-94	Sims Bayou	Planning, Right-Of-Way Acquisition, Design and Construction Along C143-00-00	\$10,000,000	\$10,000,000	\$0
HCFC	F-95	Sims Bayou	Planning, Right-Of-Way Acquisition, Design and Construction Along C144-00-00	\$10,000,000	\$10,000,000	\$0
HCFC	CI-027	Sims Bayou	Planning, Right-Of-Way Acquisition, Design, and Construction of Improvements for the Tributaries of C106-00-00	\$2,000,000	\$2,000,000	\$0
HCFC	CI-029	Sims Bayou	Restore Channel Conveyance Capacity Along C102-00-00	\$30,000,000	\$15,000,000	\$15,000,000
HCFC	CI-037	Sims Bayou	Restore Channel Conveyance Capacity Along C146-00-00	\$30,000,000	\$15,000,000	\$15,000,000
HCFC	C-08	Sims Bayou	Right-Of-Way Acquisition, Design, and Construction of Stormwater Detention Basin and Channel Conveyance Improvements along Salt Water Ditch	\$50,000,000	\$37,500,000	\$12,500,000
HC	E-15	Sims Bayou	Skeetville	\$710,000	\$568,000	\$142,000
COH	Saltwater Ditch	Sims Bayou	Belfort Park, Edgewood Terrace (S of South Park)	\$53,095,509	\$53,095,509	\$0
COH	Berry Bayou	Sims Bayou	Freeway Manor Area	\$51,467,175	\$18,111,183	\$33,355,992
COH	Berry Bayou	Sims Bayou	Gulfway Terrace Area (N)	\$16,536,343	\$16,536,343	\$0
COH	Berry Bayou	Sims Bayou	Gulfway Terrace Area (S)	\$22,900,530	\$22,900,530	\$0
COH	Saltwater Ditch	Sims Bayou	MLK Blvd, Belfort to Airport	\$43,015,321	\$43,015,321	\$0
COH	Saltwater Ditch	Sims Bayou	South Park (N)	\$52,863,200	\$52,863,200	\$0
COH	Saltwater Ditch	Sims Bayou	South Park (S)	\$153,776,521	\$153,776,521	\$0
Total				\$579,534,599	\$495,244,107	\$84,290,492



DRAFT Regional Interagency Project Coordination for CDBG-MIT (Brays Bayou)



Legend

- CoH
- HCFCD
- HCED
- Watershed Boundary

Low-Mod Income by Block Group 2019 (official)

- LMI Target Blocks

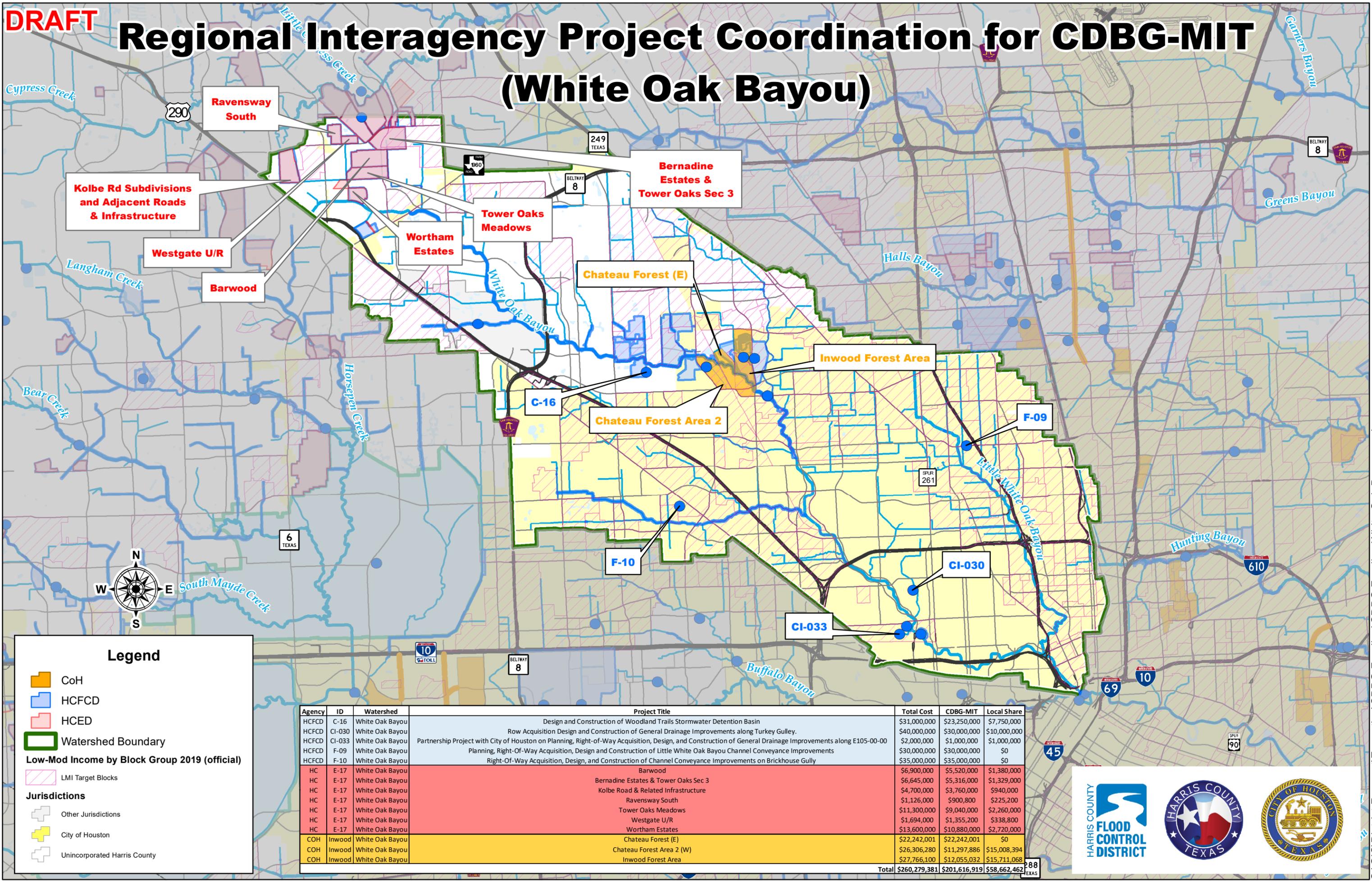
Jurisdictions

- Other Jurisdictions
- City of Houston
- Unincorporated Harris County

Agency	ID	Watershed	Project Title	Total Cost	CDBG-MIT	Local Share
HCFCD	F-07	Brays Bayou	Planning, Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on Keegans Bayou	\$32,500,000	\$32,500,000	\$0
HCFCD	CI-038	Brays Bayou	Restore Channel Conveyance Capacity Along D115-00-00	\$30,000,000	\$15,000,000	\$15,000,000
HCFCD	F-08	Brays Bayou	Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on Fondren Diversion Channel	\$30,500,000	\$30,500,000	\$0
HCFCD	C-13	Brays Bayou	Right-Of-Way, Design and Construction of Conveyance Improvements along Bintliff Ditch D133-00-00	\$30,000,000	\$22,500,000	\$7,500,000
COH	Keegans	Brays Bayou	Braeburn Valley West	\$104,727,014	\$104,727,014	\$0
COH	Keegans	Brays Bayou	Brays Oaks	\$51,352,571	\$51,352,571	\$0
COH	Brays Mid-Reach	Brays Bayou	Fondren, US 59 to W. Airport	\$84,858,937	\$56,096,199	\$28,762,738
COH	Brays Mid-Reach	Brays Bayou	Harwin, Fondren Rd to US 59	\$38,029,547	\$38,029,547	\$0
COH	Keegans	Brays Bayou	Huntington Village	\$51,394,925	\$32,127,696	\$19,267,229
COH	Brays Mid-Reach	Brays Bayou	Meyerland Area	\$220,781,916	\$220,781,916	\$0
COH	Brays Mid-Reach	Brays Bayou	Sharpstown Area and Richmond Plaza	\$206,695,061	\$180,430,995	\$26,264,066
COH	Keegans	Brays Bayou	W. Belfort, Dairy Ashford to US 59	\$23,956,775	\$18,903,124	\$5,053,651
COH	Brays Mid-Reach	Brays Bayou	Westbury Area	\$275,679,362	\$253,966,782	\$21,712,580
COH	Brays Mid-Reach	Brays Bayou	Willowbend	\$201,299,482	\$201,299,482	\$0
Total				\$1,381,775,590	\$1,258,215,326	\$123,560,264



DRAFT Regional Interagency Project Coordination for CDBG-MIT (White Oak Bayou)



Legend

- CoH
- HCFC D
- HCED
- Watershed Boundary

Low-Mod Income by Block Group 2019 (official)

- LMI Target Blocks

Jurisdictions

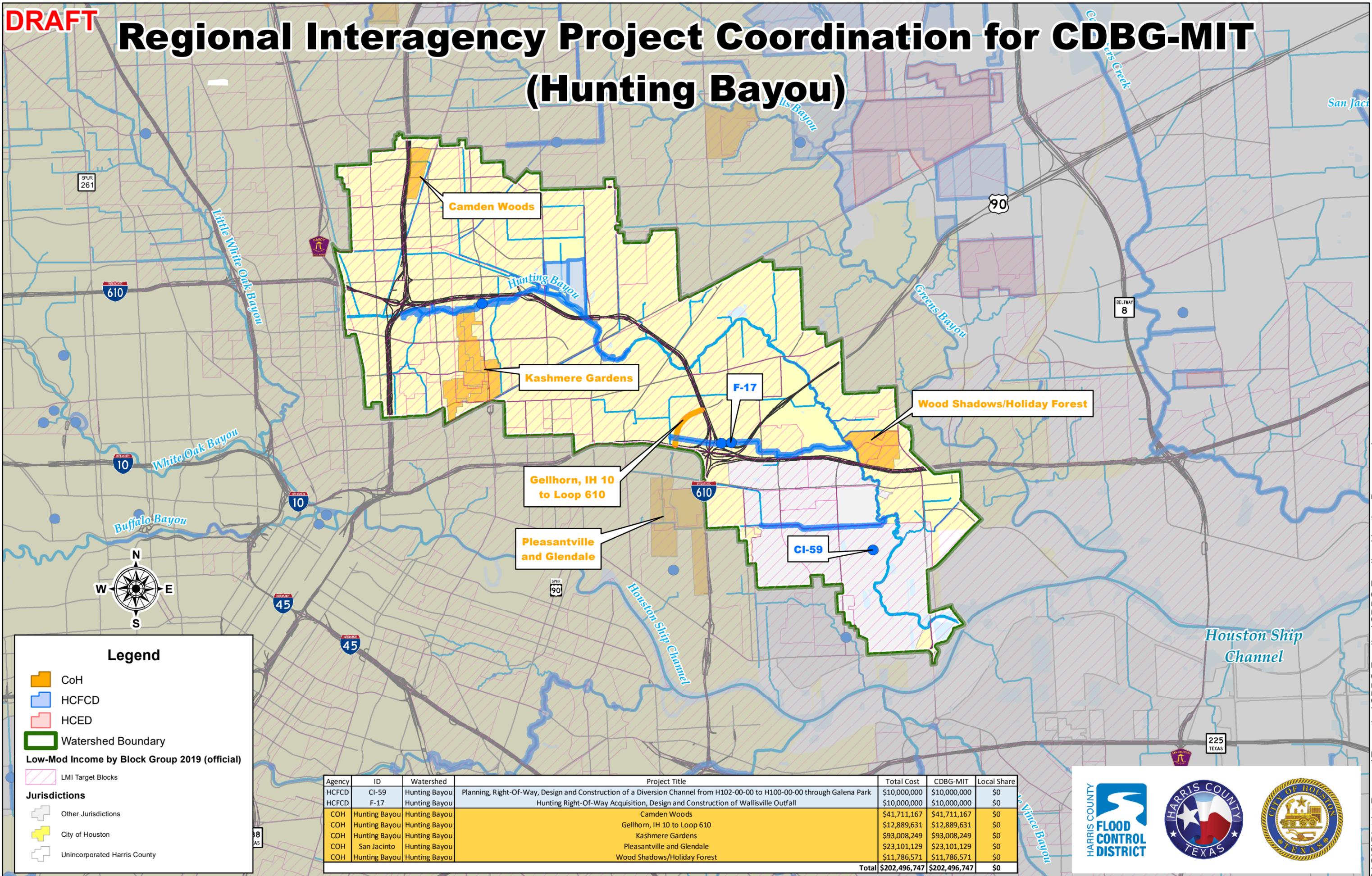
- Other Jurisdictions
- City of Houston
- Unincorporated Harris County

Agency	ID	Watershed	Project Title	Total Cost	CDBG-MIT	Local Share
HCFC D	C-16	White Oak Bayou	Design and Construction of Woodland Trails Stormwater Detention Basin	\$31,000,000	\$23,250,000	\$7,750,000
HCFC D	CI-030	White Oak Bayou	Row Acquisition Design and Construction of General Drainage Improvements along Turkey Gulley.	\$40,000,000	\$30,000,000	\$10,000,000
HCFC D	CI-033	White Oak Bayou	Partnership Project with City of Houston on Planning, Right-of-Way Acquisition, Design, and Construction of General Drainage Improvements along E105-00-00	\$2,000,000	\$1,000,000	\$1,000,000
HCFC D	F-09	White Oak Bayou	Planning, Right-Of-Way Acquisition, Design and Construction of Little White Oak Bayou Channel Conveyance Improvements	\$30,000,000	\$30,000,000	\$0
HCFC D	F-10	White Oak Bayou	Right-Of-Way Acquisition, Design, and Construction of Channel Conveyance Improvements on Brickhouse Gully	\$35,000,000	\$35,000,000	\$0
HC	E-17	White Oak Bayou	Barwood	\$6,900,000	\$5,520,000	\$1,380,000
HC	E-17	White Oak Bayou	Bernadine Estates & Tower Oaks Sec 3	\$6,645,000	\$5,316,000	\$1,329,000
HC	E-17	White Oak Bayou	Kolbe Road & Related Infrastructure	\$4,700,000	\$3,760,000	\$940,000
HC	E-17	White Oak Bayou	Ravensway South	\$1,126,000	\$900,800	\$225,200
HC	E-17	White Oak Bayou	Tower Oaks Meadows	\$11,300,000	\$9,040,000	\$2,260,000
HC	E-17	White Oak Bayou	Westgate U/R	\$1,694,000	\$1,355,200	\$338,800
HC	E-17	White Oak Bayou	Wortham Estates	\$13,600,000	\$10,880,000	\$2,720,000
COH	Inwood	White Oak Bayou	Chateau Forest (E)	\$22,242,001	\$22,242,001	\$0
COH	Inwood	White Oak Bayou	Chateau Forest Area 2 (W)	\$26,306,280	\$11,297,886	\$15,008,394
COH	Inwood	White Oak Bayou	Inwood Forest Area	\$27,766,100	\$12,055,032	\$15,711,068
Total				\$260,279,381	\$201,616,919	\$58,662,462



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Regional Interagency Project Coordination for CDBG-MIT (Hunting Bayou)

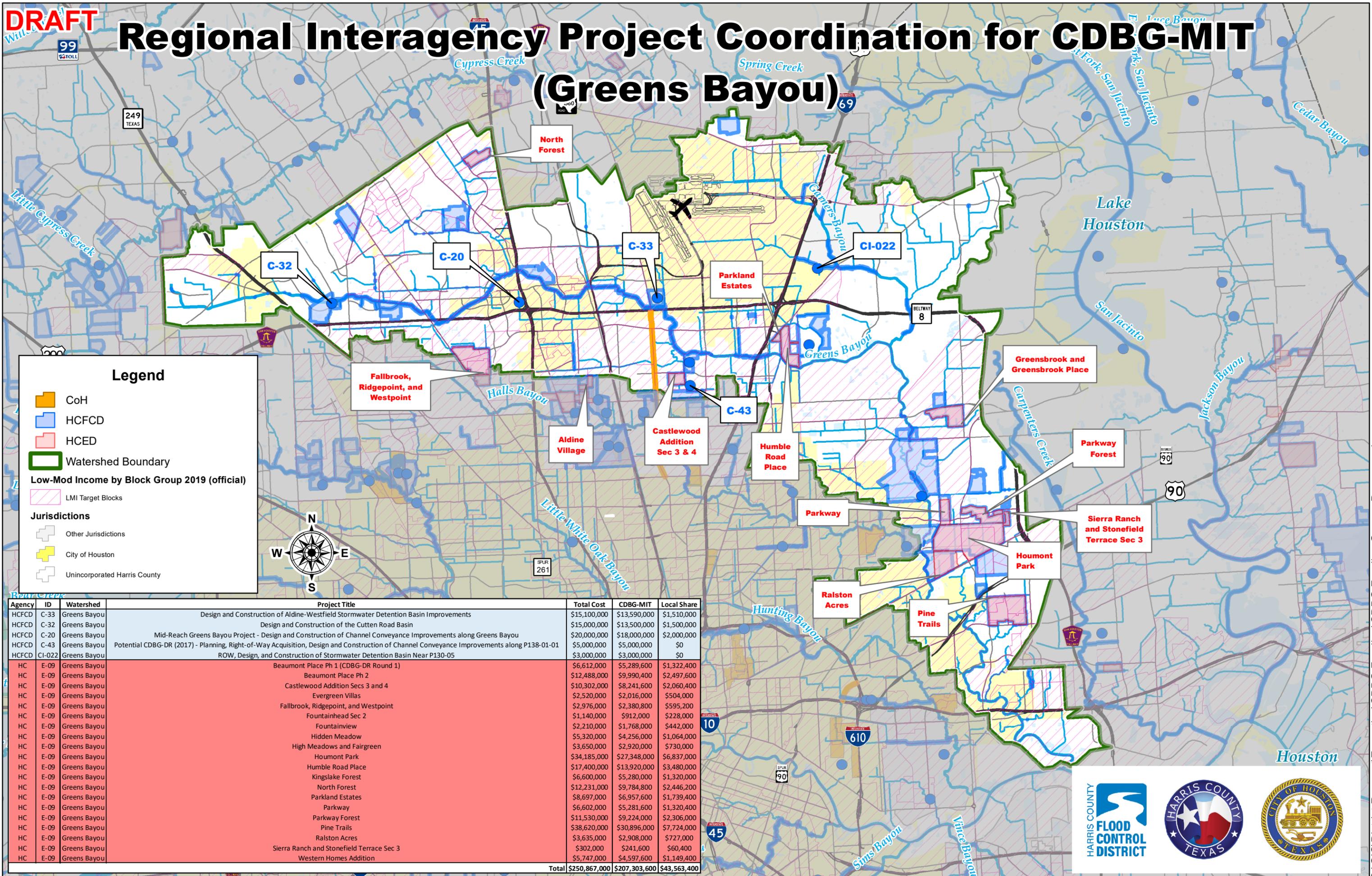


Agency	ID	Watershed	Project Title	Total Cost	CDBG-MIT	Local Share
HCFC	CI-59	Hunting Bayou	Planning, Right-Of-Way, Design and Construction of a Diversion Channel from H102-00-00 to H100-00-00 through Galena Park	\$10,000,000	\$10,000,000	\$0
HCFC	F-17	Hunting Bayou	Hunting Right-Of-Way Acquisition, Design and Construction of Wallisville Outfall	\$10,000,000	\$10,000,000	\$0
COH	Hunting Bayou	Hunting Bayou	Camden Woods	\$41,711,167	\$41,711,167	\$0
COH	Hunting Bayou	Hunting Bayou	Gellhorn, IH 10 to Loop 610	\$12,889,631	\$12,889,631	\$0
COH	Hunting Bayou	Hunting Bayou	Kashmere Gardens	\$93,008,249	\$93,008,249	\$0
COH	San Jacinto	Hunting Bayou	Pleasantville and Glendale	\$23,101,129	\$23,101,129	\$0
COH	Hunting Bayou	Hunting Bayou	Wood Shadows/Holiday Forest	\$11,786,571	\$11,786,571	\$0
Total				\$202,496,747	\$202,496,747	\$0



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Regional Interagency Project Coordination for CDBG-MIT (Greens Bayou)



Legend

- CoH
- HCFCD
- HCED
- Watershed Boundary

Low-Mod Income by Block Group 2019 (official)

- LMI Target Blocks

Jurisdictions

- Other Jurisdictions
- City of Houston
- Unincorporated Harris County

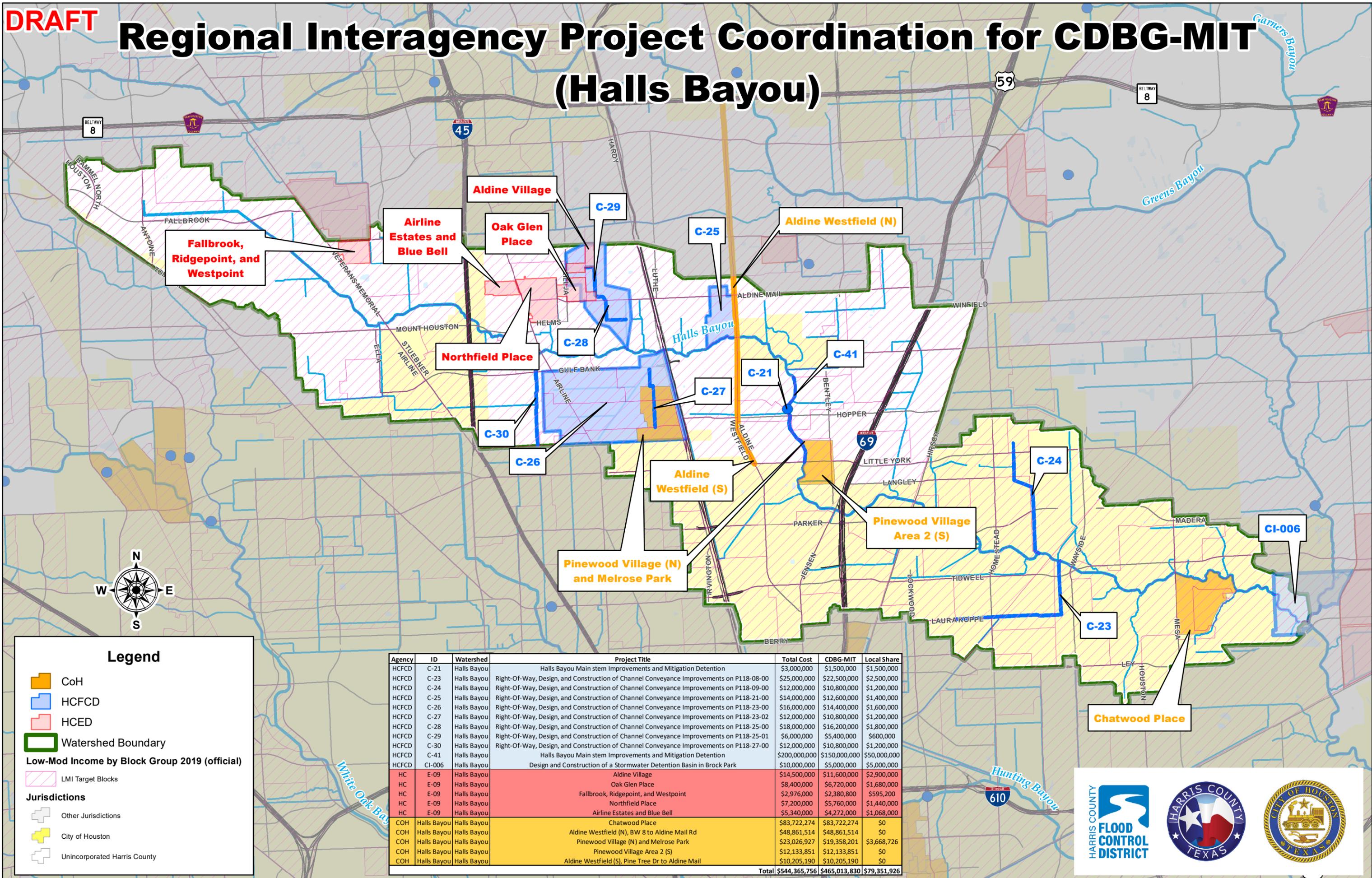
Agency	ID	Watershed	Project Title	Total Cost	CDBG-MIT	Local Share
HCFCD	C-33	Greens Bayou	Design and Construction of Aldine-Westfield Stormwater Detention Basin Improvements	\$15,100,000	\$13,590,000	\$1,510,000
HCFCD	C-32	Greens Bayou	Design and Construction of the Cutten Road Basin	\$15,000,000	\$13,500,000	\$1,500,000
HCFCD	C-20	Greens Bayou	Mid-Reach Greens Bayou Project - Design and Construction of Channel Conveyance Improvements along Greens Bayou	\$20,000,000	\$18,000,000	\$2,000,000
HCFCD	C-43	Greens Bayou	Potential CDBG-DR (2017) - Planning, Right-of-Way Acquisition, Design and Construction of Channel Conveyance Improvements along P138-01-01	\$5,000,000	\$5,000,000	\$0
HCFCD	CI-022	Greens Bayou	ROW, Design, and Construction of Stormwater Detention Basin Near P130-05	\$3,000,000	\$3,000,000	\$0
HC	E-09	Greens Bayou	Beaumont Place Ph 1 (CDBG-DR Round 1)	\$6,612,000	\$5,289,600	\$1,322,400
HC	E-09	Greens Bayou	Beaumont Place Ph 2	\$12,488,000	\$9,990,400	\$2,497,600
HC	E-09	Greens Bayou	Castlewood Addition Secs 3 and 4	\$10,302,000	\$8,241,600	\$2,060,400
HC	E-09	Greens Bayou	Evergreen Villas	\$2,520,000	\$2,016,000	\$504,000
HC	E-09	Greens Bayou	Fallbrook, Ridgepoint, and Westpoint	\$2,976,000	\$2,380,800	\$595,200
HC	E-09	Greens Bayou	Fountainhead Sec 2	\$1,140,000	\$912,000	\$228,000
HC	E-09	Greens Bayou	Fountainview	\$2,210,000	\$1,768,000	\$442,000
HC	E-09	Greens Bayou	Hidden Meadow	\$5,320,000	\$4,256,000	\$1,064,000
HC	E-09	Greens Bayou	High Meadows and Fairgreen	\$3,650,000	\$2,920,000	\$730,000
HC	E-09	Greens Bayou	Houmont Park	\$34,185,000	\$27,348,000	\$6,837,000
HC	E-09	Greens Bayou	Humble Road Place	\$17,400,000	\$13,920,000	\$3,480,000
HC	E-09	Greens Bayou	Kingslake Forest	\$6,600,000	\$5,280,000	\$1,320,000
HC	E-09	Greens Bayou	North Forest	\$12,231,000	\$9,784,800	\$2,446,200
HC	E-09	Greens Bayou	Parkland Estates	\$8,697,000	\$6,957,600	\$1,739,400
HC	E-09	Greens Bayou	Parkway	\$6,602,000	\$5,281,600	\$1,320,400
HC	E-09	Greens Bayou	Parkway Forest	\$11,530,000	\$9,224,000	\$2,306,000
HC	E-09	Greens Bayou	Pine Trails	\$38,620,000	\$30,896,000	\$7,724,000
HC	E-09	Greens Bayou	Ralston Acres	\$3,635,000	\$2,908,000	\$727,000
HC	E-09	Greens Bayou	Sierra Ranch and Stonefield Terrace Sec 3	\$302,000	\$241,600	\$60,400
HC	E-09	Greens Bayou	Western Homes Addition	\$5,747,000	\$4,597,600	\$1,149,400
Total				\$250,867,000	\$207,303,600	\$43,563,400



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Regional Interagency Project Coordination for CDBG-MIT (Halls Bayou)



Legend

- CoH (Orange square)
- HCFC (Blue square)
- HCED (Red square)
- Watershed Boundary (Green outline)
- Low-Mod Income by Block Group 2019 (official) (Pink hatched area)
- LMI Target Blocks (Pink hatched area)
- Jurisdictions:
 - Other Jurisdictions (White square with border)
 - City of Houston (Yellow square)
 - Unincorporated Harris County (White square)

Agency	ID	Watershed	Project Title	Total Cost	CDBG-MIT	Local Share
HCFC	C-21	Halls Bayou	Halls Bayou Main stem Improvements and Mitigation Detention	\$3,000,000	\$1,500,000	\$1,500,000
HCFC	C-23	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-08-00	\$25,000,000	\$22,500,000	\$2,500,000
HCFC	C-24	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-09-00	\$12,000,000	\$10,800,000	\$1,200,000
HCFC	C-25	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-21-00	\$14,000,000	\$12,600,000	\$1,400,000
HCFC	C-26	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-00	\$16,000,000	\$14,400,000	\$1,600,000
HCFC	C-27	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-02	\$12,000,000	\$10,800,000	\$1,200,000
HCFC	C-28	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-25-00	\$18,000,000	\$16,200,000	\$1,800,000
HCFC	C-29	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-25-01	\$6,000,000	\$5,400,000	\$600,000
HCFC	C-30	Halls Bayou	Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00	\$12,000,000	\$10,800,000	\$1,200,000
HCFC	C-41	Halls Bayou	Halls Bayou Main stem Improvements and Mitigation Detention	\$200,000,000	\$150,000,000	\$50,000,000
HCFC	CI-006	Halls Bayou	Design and Construction of a Stormwater Detention Basin in Brock Park	\$10,000,000	\$5,000,000	\$5,000,000
HC	E-09	Halls Bayou	Aldine Village	\$14,500,000	\$11,600,000	\$2,900,000
HC	E-09	Halls Bayou	Oak Glen Place	\$8,400,000	\$6,720,000	\$1,680,000
HC	E-09	Halls Bayou	Fallbrook, Ridgepoint, and Westpoint	\$2,976,000	\$2,380,800	\$595,200
HC	E-09	Halls Bayou	Northfield Place	\$7,200,000	\$5,760,000	\$1,440,000
HC	E-09	Halls Bayou	Airline Estates and Blue Bell	\$5,340,000	\$4,272,000	\$1,068,000
COH		Halls Bayou	Chatwood Place	\$83,722,274	\$83,722,274	\$0
COH		Halls Bayou	Aldine Westfield (N), BW 8 to Aldine Mail Rd	\$48,861,514	\$48,861,514	\$0
COH		Halls Bayou	Pinewood Village (N) and Melrose Park	\$23,026,927	\$19,358,201	\$3,668,726
COH		Halls Bayou	Pinewood Village Area 2 (S)	\$12,133,851	\$12,133,851	\$0
COH		Halls Bayou	Aldine Westfield (S), Pine Tree Dr to Aldine Mail	\$10,205,190	\$10,205,190	\$0
Total				\$544,365,756	\$465,013,830	\$79,351,926

