



Harris County Precinct 2 Drainage Improvement Needs Assessment and Project Development

ID/Project Count	Project Name/Description	Watershed	HCFC Unit No.	Bond ID	City	Community	Project Cost Estimate*	Approximate Project Duration (years)	Number of Homes Flooded (in impact area) in Harvey	Flood Mitigation Benefits				Source of Project	
										Number of homes removed from 500 Yr Floodplain	Number of homes removed from 100 Yr Floodplain	Number of homes removed from 50 Yr Floodplain	Number of homes removed from 10 Yr Floodplain		
1	Cloverleaf Drainage Repairs Area 1-3	Carpenters Bayou	N	z-subdiv	Unincorporated HC	Cloverleaf	\$15,000,000	3.50	25	~	135	~	~	Carpenters Bayou Watershed Study, and PCT 2 Study	
2	Cloverleaf Drainage Repairs Area 2-2	Carpenters Bayou	N	z-subdiv	Unincorporated HC	Cloverleaf	\$10,000,000	3.50	25	115	107	85	48.0	Carpenters Bayou Watershed Study, and PCT 2 Study	
3	Detention Basin (I100-WP10)	Vince Bayou	I	F-104	Pasadena	Shaver Square	\$4,246,000	2.00	632	119	18	7	0	CDBG Vince Bayou Watershed Study	
4	N100-00-00 Channel Improvements (N100-WP02)	Carpenter Bayou	N	Z-02	Unincorporated HC		\$17,229,000	4.83	28	209	119	30	12	Carpenters Bayou Watershed Study	
5	Detention Basin (I100-WP06)	Vince Bayou	I	F-104	Pasadena	Fairmont	\$25,055,000	5.50	155	334	77	26	1.0	CDBG Vince Bayou Watershed Study	
6	Carpenters Bayou (West Acres, Shadowglen and Old River Terrace Neighborhood)	Carpenters Bayou	N	z-subdiv	Unincorporated HC	Channelview	\$8,400,000	3.50	14	104	48	27	3.0	Carpenters Bayou Watershed Study for N104	
7	Detention Basin and Culvert Construction (I101-WP07)	Vince Bayou	I	F-104	Pasadena	FC Hubbell	\$30,703,000	4.50	446	91	8	9	1.0	CDBG Vince Bayou Watershed Study	
8	Detention Basin (O100-WP02)	Goose Creek	O	F-120	Baytown	Rollingbrook	\$21,807,000	5.00	232	106	138	98	51.0	CDBG Goose Creek Watershed Study	
9	Culvert Upsizing at 1st Street (R100-WP01)	Jackson Bayou	R	z-subdiv	Unincorporated HC		\$2,032,000	2.00	31	102	29	15	2.0	CDBG Jackson Bayou Watershed Study - 1st Street crossing project	
10	Three Detention Basins (I101-WP11)	Vince Bayou	I	F-104	Pasadena	Golden Crest	\$10,094,000	2.50	208	19	14	13	4.0	CDBG Vince Bayou Watershed Study	
11	Detention Basin and Culvert Upsizing (O203-PA04)	Spring Gully	O	F-120	Baytown		\$3,586,000	3.50	2	~	0	~	~	RRD Subdivision Project - Creole Country Estates	
12	Detention Basins (B106-WP01 & WP02)	Armand Bayou	B	F-99	La Porte	East and West Fairmont Park	\$13,342,000	3.50	35	166	35	2	0.0	CDBG Armand Bayou Watershed Study	
13	Detention Basins (B115-WP01 B515 Ext.)	Armand Bayou	B	F-99	Pasadena	Providence Bayou	\$11,342,000	2.50	94	0	56	11	26.0	CDBG Armand Bayou Watershed Study	
14	Monument Estates Subdivision Drainage Improvement (F101-WP03)	Galveston Bay	F	z-subdiv	La Porte	Monument Estates	\$885,000	1.50	6	~	~	~	~	CDBG Galveston Bayou Watershed Study - Culvert Replacement	
15	Hadden Road Drainage Repairs Area 1, 2, 3	Cedar Bayou	Q	z-subdiv	Unincorporated HC		\$3,000,000	2.00	55	0	0	0	61	PCT 2 Study	
16	Fairgreen Sec 1, 2, & 3 and Eastex Freeway Forest Sec 1 & 2	Greens Bayou	P	z-subdiv	Unincorporated HC	Fairgreen & Eastex Freeway Forest	\$15,100,000	4.00	155	~	455	~	~	RRD Subdivision Project	
17	Arcadian Gardens Subdivision Drainage Improvements	San Jacinto River	G	z-subdiv	Unincorporated HC	Arcadian Gardens	\$7,656,000	2.50	351	176	193	225	215	PCT 2 Study	
							Total*			2494	1426	1432	463	376	
										Approx Total Numbers of homes/structures benefits= 3697					

Notes:

* = Estimated Cost are based on preliminary assessment, if total costs exceeds available \$191 m to be reprogrammed; lowest ranked project should be on hold until additional funding is identified
 ~ = Additional Study Required to determine Benefits