

San Jacinto RFPG - Potential FMPs for Recommendation

FMP ID	FMP Name	Description	Counties	Associated Goals (ID)	Project Area (sqmi)	Flood Risk Type: Riverine	Flood Risk Type: Coastal	Flood Risk Type: Local	Sponsor	Project Type
063000453	Rivershire West - Grand Lake Creek Watershed	This project is located in a residential neighborhood and consists of benching, floodwalls, and upsizing culverts to route and contain flow. Additionally, there are proposed bridge modifications to reduce impediments to water flow	Montgomery	06000001, 06000011, 06000012, 06000015	1.7	Yes	No	Yes	Conroe	Channel
063000334	Goose Creek Flood Risk Reduction	The project includes three phases of development. Phase 1 includes a regional detention basin and channel improvements along two segments of Goose Creek for a total length of 1.65 miles. Phase 2 includes a regional detention basin and channel improvements	Harris	06000001, 06000011, 06000012, 06000015	27.0	Yes	No	Yes	Harris County Flood Control District	Comprehensive
063000360	Kingwood Diversion Ditch (G103-38-00)	Improvements to the Kingwood Diversion Ditch include channel modifications, flow diversion from Bens Branch, bridge replacements, as well as a new outfall to the West Fork San Jacinto River.	Harris, Montgomery	06000001, 06000011, 06000012, 06000015	21.8	Yes	No	No	Harris County Flood Control District	Comprehensive
063000339	Willow Creek Watershed Plan - M120 Detention/Preservation Site	The project includes a 1,640 acre-feet regional detention basin, 85 acres of floodplain preservation, & habitat preservation in Willow Creek.	Harris	06000001, 06000011, 06000012, 06000015	55.6	Yes	No	Yes	Harris County Flood Control District	Detention Pond
063000328	Brays Bayou - Keegans Bayou (D118-00-00) Flood Risk Reduction	The proposed project includes widening sections of the Keegans Bayou main channel and a 1,600 acre-feet detention basin.	Fort Bend,Harris	06000001, 06000011, 06000012, 06000015	23.0	No	No	Yes	Harris County Flood Control District	Comprehensive
063000422	Danubina Drainage Improvements	This CDBG-MIT application involves the installation and construction of improvements along Hull Gully, detention, and storm sewer improvements along Hunnicutt Street.	Chambers, Harris	06000001, 06000011, 06000012, 06000015	47.7	No	No	Yes	Baytown	Infrastructure
063000344	White Oak Bayou - Design and Construction of Woodland Trails Stormwater Detention Basin	This project includes a stormwater detention basin that compliments the federal project on White Oak Bayou.	Harris	06000001, 06000011, 06000012, 06000015	78.7	Yes	No	Yes	Harris County Flood Control District	Detention Pond
063000319	Design and Construction of the B509-03-00 and B509-04-00 Stormwater Detention Basins (2018 Bond Project C-07)	This project provides for design and construction of three offline detention basins in B509-03-00 and B509-04-00.	Harris	06000001, 06000011, 06000012, 06000015	59.1	No	No	Yes	Harris County Flood Control District	Detention Pond

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			Flood Risk								
FMP ID	FMP Name	Estimated Project Cost (\$)	Area in 100-year (1% annual chance) floodplain	Area in 500-year (0.2% annual chance) floodplain	Estimated number of structures at 100-year flood risk	Estimated number of structures at 500-year flood risk	Residential structures at 100-year flood risk	Estimated Population at 100-year flood risk	Critical Facilities at 100-year flood risk (#)	Number of low water crossings at flood risk (#)	Estimated length of roads at 100-year flood risk (miles)
063000453	Rivershire West - Grand Lake Creek Watershed	\$ 30,000,000	1.2	0.0	690.0	<Null>	561.0	3,451.0	10.0	0.0	10.6
063000334	Goose Creek Flood Risk Reduction	\$ 46,493,360	3.8	2.1	980.0	1,116.0	802.0	6,707.0	34.0	1.0	17.3
063000360	Kingwood Diversion Ditch (G103-38-00)	\$ 62,938,000	0.8	0.0	79.0	0.0	52.0	3,545.0	18.0	0.0	1.9
063000339	Willow Creek Watershed Plan - M120 Detention/Preservation Site	\$ 64,900,000	8.6	1.5	916.0	928.0	640.0	2,786.0	5.0	5.0	27.0
063000328	Brays Bayou - Keegans Bayou (D118-00-00) Flood Risk Reduction	\$ 190,218,000	3.3	0.0	3,717.0	0.0	3,331.0	31,505.0	57.0	0.0	94.9
063000422	Danubina Drainage Improvements	\$ 18,467,088	0.1	0.0	137.0	0.0	118.0	454.0	0.0	0.0	4.9
063000344	White Oak Bayou - Design and Construction of Woodland Trails Stormwater Detention Basin	\$ 42,600,000	6.9	5.0	5,661.0	6,682.0	5,077.0	42,608.0	30.0	2.0	121.2
063000319	Design and Construction of the B509-03-00 and B509-04-00 Stormwater Detention Basins (2018 Bond Project C-07)	\$ 34,850,000	4.1	2.9	1,387.0	1,532.0	1,084.0	4,704.0	6.0	2.0	31.5

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FMP ID	FMP Name	Estimated farm & ranch land at 100-year flood risk (acres)	Number of structures with reduced 100-year (1% annual chance) flood risk	Number of structures removed from 100-year (1% annual chance) flood risk	Number of structures removed from 500-year (0.2% annual chance) flood risk	Residential structures removed from 100-year (1% annual chance) flood risk	Estimated population removed from 100-year (1% annual chance) flood risk	Critical facilities removed from 100-year (1% annual chance) flood risk (#)
063000453	Rivershire West - Grand Lake Creek Watershed	1.7	415.0	100.0	0.0	92.0	566.0	1.0
063000334	Goose Creek Flood Risk Reduction	49.7	383.0	269.0	374.0	220.0	1,283.0	9.0
063000360	Kingwood Diversion Ditch (G103-38-00)	0.3	21.0	49.0	0.0	32.0	3,244.0	10.0
063000339	Willow Creek Watershed Plan - M120 Detention/Preservation Site	59.6	260.0	127.0	23.0	99.0	548.0	0.0
063000328	Brays Bayou - Keegans Bayou (D118-00-00) Flood Risk Reduction	4.8	1,446.0	2,009.0	0.0	1,785.0	16,486.0	29.0
063000422	Danubina Drainage Improvements	<Null>	22.0	111.0	0.0	86.0	304.0	0.0
063000344	White Oak Bayou - Design and Construction of Woodland Trails Stormwater Detention Basin	22.3	2,115.0	702.0	773.0	629.0	3,011.0	2.0
063000319	Design and Construction of the B509-03-00 and B509-04-00 Stormwater Detention Basins (2018 Bond Project C-07)	22.8	383.0	15.0	87.0	13.0	114.0	0.0

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063000453	Rivershire West - Grand Lake Creek Watershed	0.0	2.0	0.0	0.11			No	
063000334	Goose Creek Flood Risk Reduction	0.0	28.0	0.0	0.48		0.63	No	
063000360	Kingwood Diversion Ditch (G103-38-00)	0.0	25.0	0.0	0.03		0.20	No	
063000339	Willow Creek Watershed Plan - M120 Detention/Preservation Site	0.0	2.0	0.0	0.68	Environmental	0.26	No	
063000328	Brays Bayou - Keegans Bayou (D118-00-00) Flood Risk Reduction	0.0	150.0	0.0	0.94		0.65	No	
063000422	Danubina Drainage Improvements	0.0	10.0	<Null>	0.96		0.79	No	
063000344	White Oak Bayou - Design and Construction of Woodland Trails Stormwater Detention Basin	0.0	19.0	0.0	1.89		0.35	No	
063000319	Design and Construction of the B509-03-00 and B509-04-00 Stormwater Detention Basins (2018 Bond Project C-07)	0.0	1.0	<Null>	0.01		0.41	No	

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063000473	Design and Construction of Little York Stormwater Detention Basin (2018 Bond Project C-37)	This project includes three regional detention pond cells along Langham Creek within the Addicks Reservoir watershed to mitigate peak discharges expected with new development in the area.	Harris	06000001, 06000011, 06000012, 06000015	55.0	No	No	Yes	Harris County Flood Control District	Detention Pond
063000471	Mainstem Evaluation Projects - Parker Basin (2018 Bond Project C-41)	This project provides for design and construction of four detention basins providing approximately 602 ac-ft of storage in the Halls Bayou watershed. Includes a half mile of channel improvements to P118-00-00.	Harris	06000001, 06000011, 06000012, 06000015	52.0	No	No	Yes	Harris County Flood Control District	Comprehensive
063000472	Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek near the Grand Parkway (2018 Bond Project C-48)	This project includes the design and construction of three detention basins (226 ac-ft) along South Mayde Creek (U101-00-00).	Harris,Waller	06000001, 06000011, 06000012, 06000015	44.8	No	No	Yes	Harris County Flood Control District	Detention Pond
063000475	Mainstem Evaluation Projects - Hahl Basin (2018 Bond Project C-41)	This project provides for design and construction of a 311 ac-ft dry-bottom detention basin and 20-ft of channel improvements to P118-21-00.	Harris	06000001, 06000011, 06000012, 06000015	52.0	No	No	Yes	Harris County Flood Control District	Comprehensive
063000313	Design and Construction of Dinner Creek Stormwater Detention Basin (2018 Bond project C-38)	Design and Construction of Dinner Creek Stormwater Detention Basin (U520-01-00-E003). Project would expand the existing detention basin to ultimate conditions and incorporate both detention and retention.	Harris	06000001, 06000011, 06000012, 06000015	20.5	Yes	No	No	Harris County Flood Control District	Detention Pond
063000321	Right-Of-Way, Design and Construction of Conveyance Improvements along Armand Bayou B500-04-00-E004 and Channel Conveyance Improvements along B115-00-00 (2018 Bond Project F-99)	The proposed project includes the expansion and extension of existing detention basins to alleviate historical and potential future riverine flooding within the Armand Bayou Watershed.	Harris	06000001, 06000011, 06000012, 06000015	59.1	Yes	No	Yes	Harris County Flood Control District	Detention Pond
063000357	Cypress Creek Program Implementation Plan, 23 Stormwater Detention Basin Plan (Includes 2018 Bond Projects CI-36 and CI-20)	Program implementation plan for the design and construction of 22 regional detention basins (12,800 ac-ft) in the Cypress Creek watershed (K100-00-00) based on the Cypress Creek Watershed and Major Tributaries Regional Drainage Plan Update(February 2020).	Harris	06000001, 06000011, 06000012, 06000015	118.8	Yes	No	Yes	Harris County Flood Control District	Detention Pond

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063000473	Design and Construction of Little York Stormwater Detention Basin (2018 Bond Project C-37)	\$ 2,553,000	1.7	0.0	234.0	0.0	220.0	1,932.0	1.0	0.0	5.7
		\$ 38,230,000	1.0	0.8	886.0	1,004.0	835.0	1,968.0	13.0	0.0	11.1
063000471	Mainstem Evaluation Projects - Parker Basin (2018 Bond Project C-41)										
063000472	Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek near the Grand Parkway (2018 Bond Project C-48)	\$ 11,440,000	6.5	2.9	2,339.0	2,004.0	2,204.0	13,350.0	43.0	0.0	48.7
063000475	Mainstem Evaluation Projects - Hahl Basin (2018 Bond Project C-41)	\$ 40,780,000	3.0	1.4	4,383.0	1,978.0	3,623.0	15,593.0	23.0	2.0	33.0
063000313	Design and Construction of Dinner Creek Stormwater Detention Basin (2018 Bond project C-38)	\$ 33,080,232	1.8	0.9	306.0	1,281.0	290.0	2,244.0	1.0	0.0	8.1
063000321	Right-Of-Way, Design and Construction of Conveyance Improvements along Armand Bayou B500-04-00-E004 and Channel Conveyance Improvements along B115-00-00 (2018 Bond Project F-99)	\$ 9,450,000	13.9	0.0	6,363.0	0.0	5,381.0	30,936.0	28.0	4.0	149.7
063000357	Cypress Creek Program Implementation Plan, 23 Stormwater Detention Basin Plan (Includes 2018 Bond Projects CI-36 and CI-20)	\$ 550,000,000	28.2	0.0	16,233.0	0.0	14,960.0	80,138.0	158.0	0.0	264.0

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063000473	Design and Construction of Little York Stormwater Detention Basin (2018 Bond Project C-37)	12.8	0.0	0.0	0.0	0.0	0.0	0.0
		1.0	276.0	76.0	125.0	28.0	319.0	0.0
063000471	Mainstem Evaluation Projects - Parker Basin (2018 Bond Project C-41)							
063000472	Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek near the Grand Parkway (2018 Bond Project C-48)	268.8	928.0	59.0	2,002.0	59.0	194.0	0.0
063000475	Mainstem Evaluation Projects - Hahl Basin (2018 Bond Project C-41)	3.1	10.0	0.0	1,977.0	1,589.0	<Null>	6.0
063000313	Design and Construction of Dinner Creek Stormwater Detention Basin (2018 Bond project C-38)	14.1	201.0	42.0	27.0	43.0	<Null>	0.0
063000321	Right-Of-Way, Design and Construction of Conveyance Improvements along Armand Bayou B500-04-00-E004 and Channel Conveyance Improvements along B115-00-00 (2018 Bond Project F-99)	58.8	1,256.0	230.0	10.0	163.0	<Null>	0.0
063000357	Cypress Creek Program Implementation Plan, 23 Stormwater Detention Basin Plan (Includes 2018 Bond Projects CI-36 and CI-20)	90.5	5,947.0	2,814.0	0.0	2,664.0	9,880.0	18.0

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063000473	Design and Construction of Little York Stormwater Detention Basin (2018 Bond Project C-37)	0.0	0.0	<Null>	0.05		0.19	No	
		0.0	1.0	<Null>	0.18		0.87	No	
063000471	Mainstem Evaluation Projects - Parker Basin (2018 Bond Project C-41)								
063000472	Right-Of-Way Acquisition, Design and Construction of a Stormwater Detention Basin on South Mayde Creek near the Grand Parkway (2018 Bond Project C-48)	0.0	0.0	<Null>	0.18		0.26	No	
063000475	Mainstem Evaluation Projects - Hahl Basin (2018 Bond Project C-41)	0.0	12.0	<Null>	0.21		0.79	No	
063000313	Design and Construction of Dinner Creek Stormwater Detention Basin (2018 Bond project C-38)	0.0	1.0	<Null>	0.04	67 acre-ft of retention volume, recreation	0.37	No	
063000321	Right-Of-Way, Design and Construction of Conveyance Improvements along Armand Bayou B500-04-00-E004 and Channel Conveyance Improvements along B115-00-00 (2018 Bond Project F-99)	0.0	1.0	<Null>	0.81		0.34	No	
063000357	Cypress Creek Program Implementation Plan, 23 Stormwater Detention Basin Plan (Includes 2018 Bond Projects CI-36 and CI-20)	0.0	27.0	<Null>	0.284		0.28	No	

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063000186	Poor Farm Ditch (D111-00-00) Conveyance Improvements between Bellaire and University Boulevards	Project proposed to improve conveyance within the D111-00-00 channel between Bellaire and University Boulevards. The LOS of the channel is increased from a 10-year event to a 50-year event. Mitigation volume is provided in the Meyer SW Detention Basin.	Harris	06000001, 06000011, 06000012, 06000015	2.1	Yes	No	No	Harris County Flood Control District	Channel
063000389	Design and Construction of E116 tributary modifications and detention (2018 Bond project Z-02)	The proposed project includes channel improvements, upsizing of culverts, siltation removal, local drainage improvements, and a stormwater detention basin within White Oak Bayou Tributary E116-00-00.	Harris	06000001, 06000011, 06000012, 06000015	6.9	Yes	No	Yes	Harris County Flood Control District	Comprehensive
063000476	Cypress Creek Watershed Major Tributaries Regional Drainage Plan Update, Alternative 1 Basins K500-01 and Stuebner Airline Road (2018 Bond Projects CI-36 and CI-20)	Provides for design and construction of two detention basins in the Cypress Creek watershed, including a new 4,756 ac-ft detention basin and an expansion of an existing HCFCD detention basin along K500-01-00 from 531 ac-ft to 9,336 ac-ft of storage.	Harris	06000001, 06000011, 06000012, 06000015	274.1	Yes	No	No	Harris County Flood Control District	Detention Pond
063000477	P118-E006 (Hardy West) (2018 Bond Project C-41)	Proposal of the Hardy West Detention Basin (P118-00-00-E006). Project consists of 2 basins providing 400 acre-ft of detention volume adjacent to Halls Bayou and separated by P118-25-00.	Harris	06000001, 06000011, 06000012, 06000015	52.0	Yes	No	No	Harris County Flood Control District	Detention Pond
063000320	Warren Lake and Dam Retrofit	Retrofit dam to improve detention of flood & storm water runoff, new 137.3 ac wetlands complex added of storage capacity & conversion of fields to tallgrass prairies to add approximately 856 ac-ft of total storage during rainfall events.	Harris	06000001, 06000011, 06000012, 06000015	2.1	Yes	No	No	Coastal Prairie Conservancy	Comprehensive
063000315	Addicks Reservoir - Right-Of-Way Acquisition, Design and Construction of Channel Conveyance Improvements, Bypass Channel, and Detention for South Mayde Creek	Part of the South Mayde Creek Plan that could reduce the risk of flooding for more than 70 homes and reduce the rainfall event by more than 340 acres in a pre-Atlas 1% rainfall event.	Harris	06000001, 06000011, 06000012, 06000015	13.2	Yes	No	Yes	Harris County Flood Control District	Comprehensive

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063000186	Poor Farm Ditch (D111-00-00) Conveyance Improvements between Bellaire and University Boulevards	\$ 19,916,965	0.1	0.2	33.0	592.0	24.0	1,491.0	4.0	0.0	3.1
063000389	Design and Construction of E116 tributary modifications and detention (2018 Bond project Z-02)	\$ 8,375,000	<Null>	<Null>	14,652.0	0.0	13,403.0	57,037.0	155.0	0.0	140.0
063000476	Cypress Creek Watershed Major Tributaries Regional Drainage Plan Update, Alternative 1 Basins K500-01 and Stuebner Airline Road (2018 Bond Projects CI-36 and CI-20)	\$ 345,329,984	<Null>	<Null>	18,530.0	5,739.0	16,070.0	85,705.0	144.0	4.0	447.6
063000477	P118-E006 (Hardy West) (2018 Bond Project C-41)	\$ 32,052,767	<Null>	<Null>	3,665.0	719.0	2,679.0	10,942.0	3.0	1.0	23.0
063000320	Warren Lake and Dam Retrofit	\$ 6,438,252	<Null>	<Null>	47.0	90.0	47.0	94.0	0.0	0.0	<Null>
063000315	Addicks Reservoir - Right-Of-Way Acquisition, Design and Construction of Channel Conveyance Improvements, Bypass Channel, and Detention for South Mayde Creek	\$ 27,817,750	1.9	1.3	1,015.0	768.0	986.0	3,715.0	4.0	0.0	23.7

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063000186	Poor Farm Ditch (D111-00-00) Conveyance Improvements between Bellaire and University Boulevards	0.0	3.0	<Null>	1.23		0.03	No	
063000389	Design and Construction of E116 tributary modifications and detention (2018 Bond project Z-02)	0.0	1.0	<Null>	1.47		0.42	No	
063000476	Cypress Creek Watershed Major Tributaries Regional Drainage Plan Update, Alternative 1 Basins K500-01 and Stuebner Airline Road (2018 Bond Projects CI-36 and CI-20)	0.0	22.0	<Null>	0.391			No	
063000477	P118-E006 (Hardy West) (2018 Bond Project C-41)	0.0	1.0	<Null>	0.38		0.72	No	
063000320	Warren Lake and Dam Retrofit	0.0	0.0	0.0	4.45			No	
063000315	Addicks Reservoir - Right-Of-Way Acquisition, Design and Construction of Channel Conveyance Improvements, Bypass Channel, and Detention for South Mayde Creek	<Null>	<Null>	<Null>	0.73			No	

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063000311	37th Street Improvement Project	The project proposes storm sewer improvements coupled with implementing a stormwater pump station to addressing 100-year event flooding and improve access to major evacuation routes.	Galveston	06000001, 06000011, 06000012, 06000015	211.7	No	Yes	No	Galveston	Preparedness
063000327	Blalock Road Drainage Improvement Project	The proposed drainage improvements project will replace an undersized drainage system on Blalock Road, tie into drainage improvements on South Piney Point Road, and provide improvements on a drainage area that frequently experiences drainage issues.	Harris	06000001, 06000011, 06000012, 06000015	0.9	Yes	No	Yes	Piney Point Village	Infrastructure
063000056	Mary's Creek Lower, Middle, and Upper Segment	A part of the Pearland Master Drainage Plan (2019), this channel improvement alternative includes channel benching to increase conveyance capacity, bridge/culvert replacement to remove hydraulic restrictions, and regional detention to provide mitigation.	Brazoria, Galveston	06000001, 06000011, 06000012, 06000015	17.2	Yes	No	No	Pearland	Comprehensive
063000424	City of Friendswood - Clear Creek Inline & Offline Detention - Bay Area Blvd. Phase I	This project, which includes terraces, detention, and a trail network, will reduce water surface elevations on Clear Creek within the City of Friendswood and will make the Blackhawk Wastewater Treatment Facility more resilient.	Galveston, Harris	06000001, 06000011, 06000012, 06000015	20.9	No	No	Yes	Friendswood	Detention Pond
063000402	Design and Construction of Carpenters Bayou mainstem channel modifications and detention (2018 Bond project F-124)	The proposed project includes the design and construction of approximately two miles of channel improvements along N100-00-00, channel improvements to a short segment of N109-00-00, and a detention basin to mitigate downstream impacts.	Harris	06000001, 06000011, 06000012, 06000015	66.6	No	No	Yes	Harris County Flood Control District	Comprehensive
063000396	P518-11-E002 (P118-21 Phase II Detention) (2018 Bond Project C-41)	This project provides for design and construction for the second phase of the Aldine Westfield North Detention Basin in the Halls Bayou watershed.	Harris	06000001, 06000011, 06000012, 06000015	52.2	No	No	Yes	Harris County Flood Control District	Detention Pond
063000474	Clear Creek Mid reach (Based on 2012 GRR) Updated Plan (2018 Bond Projects C-03 and F-02)	The proposed project includes channel improvements and inline detention from Cullen Boulevard to Pearland Parkway along with additional offline detention basins to mitigate for impacts from additional conveyance in the mainstem of Clear Creek.		06000001, 06000011, 06000012, 06000015	200.9	Yes	No	Yes	Harris County Flood Control District	Comprehensive

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063000311	37th Street Improvement Project	\$ 75,000,000	0.2	<Null>	146.0	<Null>	51.0	3,741.0	8.0	<Null>	4.6
063000327	Blalock Road Drainage Improvement Project	\$ 19,323,500	0.4	0.0	364.0	0.0	347.0	2,226.0	0.0	0.0	6.0
063000056	Mary's Creek Lower, Middle, and Upper Segment	\$ 154,039,904	10,044.0	<Null>	2,711.0	<Null>	<Null>	<Null>	9.0	1.0	54.0
063000424	City of Friendswood - Clear Creek Inline & Offline Detention - Bay Area Blvd. Phase I	\$ 65,800,000	<Null>	<Null>	4,952.0	0.0	4,507.0	16,927.0	189.0	11.0	574.7
063000402	Design and Construction of Carpenters Bayou mainstem channel modifications and detention (2018 Bond project F-124)	\$ 30,360,000	4.3	2.8	2,569.0	3,798.0	2,327.0	13,761.0	34.0	2.0	66.5
063000396	P518-11-E002 (P118-21 Phase II Detention) (2018 Bond Project C-41)	\$ 10,371,000	2.8	0.9	3,412.0	1,008.0	2,477.0	10,464.0	3.0	1.0	21.5
063000474	Clear Creek Mid reach (Based on 2012 GRR) Updated Plan (2018 Bond Projects C-03 and F-02)	\$ 295,267,680	40.4	16.7	18,615.0	19,717.0	16,131.0	81,883.0	144.0	5.0	445.8

San Jacinto RFPG - Potential FMPs for Recommendation

			Flood Risk Reduction					
FMP ID	FMP Name	Estimated farm & ranch land at 100-year flood risk (acres)	Number of structures with reduced 100-year (1% annual chance) flood risk	Number of structures removed from 100-year (1% annual chance) flood risk	Number of structures removed from 500-year (0.2% annual chance) flood risk	Residential structures removed from 100-year (1% annual chance) flood risk	Estimated population removed from 100-year (1% annual chance) flood risk	Critical facilities removed from 100-year (1% annual chance) flood risk (#)
063000311	37th Street Improvement Project	<Null>	<Null>	146.0	<Null>	51.0	3,741.0	8.0
063000327	Blalock Road Drainage Improvement Project	<Null>	97.0	54.0	0.0	46.0	498.0	0.0
063000056	Mary's Creek Lower, Middle, and Upper Segment	<Null>	<Null>	2,324.0	<Null>	<Null>	7,614.0	6.0
063000424	City of Friendswood - Clear Creek Inline & Offline Detention - Bay Area Blvd. Phase I	727.6	3,088.0	172.0	0.0	<Null>	<Null>	2.0
063000402	Design and Construction of Carpenters Bayou mainstem channel modifications and detention (2018 Bond project F-124)	39.5	1,346.0	379.0	1,157.0	344.0	3,664.0	8.0
063000396	P518-11-E002 (P118-21 Phase II Detention) (2018 Bond Project C-41)	3.0	557.0	129.0	20.0	84.0	423.0	0.0
063000474	Clear Creek Mid reach (Based on 2012 GRR) Updated Plan (2018 Bond Projects C-03 and F-02)	316.4	<Null>	<Null>	<Null>	<Null>	<Null>	<Null>

San Jacinto RFPG - Potential FMPs for Recommendation

FMP ID	FMP Name	Number of low water crossings removed from 100-year (1% Annual chance) flood risk (#)	Estimated length of roads removed from 100-year flood risk (miles)	Estimated farm & ranch land removed from 100-year flood risk (acres)	Benefit Cost Ratio	Other Benefits	SVI	Negative Impact?	Negative Impact Mitigation
063000311	37th Street Improvement Project	<Null>	<Null>	<Null>	0.08		0.68	No	
063000327	Blalock Road Drainage Improvement Project	0.0	1.0	<Null>	0			No	
063000056	Mary's Creek Lower, Middle, and Upper Segment	1.0	34.0	8.5	0.16			No	
063000424	City of Friendswood - Clear Creek Inline & Offline Detention - Bay Area Blvd. Phase I	0.0	7.0	2.8	0.03		0.24	No	
063000402	Design and Construction of Carpenters Bayou mainstem channel modifications and detention (2018 Bond project F-124)	0.0	14.0	<Null>	0.46		0.58	No	
063000396	P518-11-E002 (P118-21 Phase II Detention) (2018 Bond Project C-41)	0.0	0.0	<Null>	0		0.75	No	
063000474	Clear Creek Mid reach (Based on 2012 GRR) Updated Plan (2018 Bond Projects C-03 and F-02)	<Null>	<Null>	<Null>	0.54		0.34	No	

San Jacinto RFPG - Potential FMPs for Recommendation

FMP ID	FMP Name	Description	Counties	Associated Goals (ID)	Project Area (sqmi)	Flood Risk Type: Riverine	Flood Risk Type: Coastal	Flood Risk Type: Local	Sponsor	Project Type
063000397	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-00 and P118-23-02	This project provides for the design and construction of flood mitigation improvements including detention basins along P118-23-00 and concrete lining P118-23-02. (2018 Bond Project C-26 & C-27)	Harris	06000001, 06000011, 06000012, 06000015	1.6	Yes	No	Yes	Harris County Flood Control District	Comprehensive
063000399	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-25-00 & P118-25-01	This project provides analysis and preliminary design (Alternative 3b) for detention basin, widening of existing channels, and extension of channel P118-25-01 (Halls Bayou Tributary).	Harris	06000001, 06000011, 06000012, 06000015	52.3	Yes	No	Yes	Harris County Flood Control District	Comprehensive
063000400	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00	This project provides analysis and description of the existing flooding conditions within the P118-27-00 catchment area and consequently develops flood risk mitigation alternatives, including detention basis and channel improvements.	Harris	06000001, 06000011, 06000012, 06000015	6.0	Yes	No	Yes	Harris County Flood Control District	Comprehensive
063000470	Halls Bayou Drainage Project Bond C-01	Provides for design and construction of drainage improvements to P118-26-00 including approximately 119 acre-feet of total storage between two basins and the replacement of a channel with RCBs.	Harris	06000001, 06000011, 06000012, 06000015	52.3	Yes	No	No	Harris County Flood Control District	Comprehensive
063000469	Mainstem Evaluation Projects - Veterans Memorial (2018 Bond Project C-41)	Project consists of ROW acquisition and construction of a detention basin near Veterans Memorial which provides approximately 460 acre-feet of storage.	Harris	06000001, 06000011, 06000012, 06000015	52.0	Yes	No	No	Harris County Flood Control District	Detention Pond

San Jacinto RFPG - Potential FMPs for Recommendation

			Flood Risk								
FMP ID	FMP Name	Estimated Project Cost (\$)	Area in 100-year (1% annual chance) floodplain	Area in 500-year (0.2% annual chance) floodplain	Estimated number of structures at 100-year flood risk	Estimated number of structures at 500-year flood risk	Residential structures at 100-year flood risk	Estimated Population at 100-year flood risk	Critical Facilities at 100-year flood risk (#)	Number of low water crossings at flood risk (#)	Estimated length of roads at 100-year flood risk (miles)
063000397	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-00 and P118-23-02	\$ 31,317,000	0.2	0.3	289.0	541.0	244.0	1,115.0	0.0	0.0	2.2
	Halls Bayou - Right-Of-Way,	\$ 14,938,614	11.3	3.8	13,531.0	5,269.0	11,247.0	49,081.0	92.0	7.0	136.7
063000399	Design, and Construction of Channel Conveyance Improvements on P118-25-00 & P118-25-01										
063000400	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00	\$ 23,679,032	0.2	0.1	326.0	167.0	277.0	1,812.0	5.0	5.0	3.5
063000470	Halls Bayou Drainage Project Bond C-01	\$ 22,385,161	0.3	0.1	677.0	149.0	569.0	1,790.0	0.0	3.0	2.6
063000469	Mainstem Evaluation Projects - Veterans Memorial (2018 Bond Project C-41)	\$ 35,250,000	10.8	4.1	13,748.0	5,317.0	11,375.0	38,916.0	91.0	7.0	127.0

San Jacinto RFPG - Potential FMPs for Recommendation

			Flood Risk Reduction					
FMP ID	FMP Name	Estimated farm & ranch land at 100-year flood risk (acres)	Number of structures with reduced 100-year (1% annual chance) flood risk	Number of structures removed from 100-year (1% annual chance) flood risk	Number of structures removed from 500-year (0.2% annual chance) flood risk	Residential structures removed from 100-year (1% annual chance) flood risk	Estimated population removed from 100-year (1% annual chance) flood risk	Critical facilities removed from 100-year (1% annual chance) flood risk (#)
063000397	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-00 and P118-23-02	<Null>	3.0	286.0	428.0	242.0	1,109.0	0.0
	Halls Bayou - Right-Of-Way,	13.8	<Null>	952.0	1,072.0	625.0	3,088.0	3.0
063000399	Design, and Construction of Channel Conveyance Improvements on P118-25-00 & P118-25-01							
063000400	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00	0.2	1.0	325.0	167.0	276.0	1,811.0	5.0
063000470	Halls Bayou Drainage Project Bond C-01	0.2	0.0	677.0	149.0	568.0	0.0	<Null>
063000469	Mainstem Evaluation Projects - Veterans Memorial (2018 Bond Project C-41)	<Null>	3,731.0	292.0	176.0	231.0	1,037.0	1.0

San Jacinto RFPG - Potential FMPs for Recommendation

FMP ID	FMP Name	Number of low water crossings removed from 100-year (1% Annual chance) flood risk (#)	Estimated length of roads removed from 100-year flood risk (miles)	Estimated farm & ranch land removed from 100-year flood risk (acres)	Benefit Cost Ratio	Other Benefits	SVI	Negative Impact?	Negative Impact Mitigation
063000397	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-23-00 and P118-23-02	0.0	23.0	<Null>	0.482		0.66	No	
	Halls Bayou - Right-Of-Way,	0.0	5.0	<Null>	0.958		0.78	No	
063000399	Design, and Construction of Channel Conveyance Improvements on P118-25-00 & P118-25-01								
063000400	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00	0.0	26.0	<Null>	2.18		0.73	No	
063000470	Halls Bayou Drainage Project Bond C-01	1.0	3.0	<Null>	2.32			No	
063000469	Mainstem Evaluation Projects - Veterans Memorial (2018 Bond Project C-41)	0.0	6.0	0.0	0.49		0.78	No	