		0				SAN	JACINT	O REGIO	INAL F	LOOD	PLANNIN	G GROUP	
Title	Mary's Creek		•. •	R	Ε	G		0	Ν	6			
ID#	063000056	Sponsor	Pearland (Municipality)										
RFPG r	ecommend? -		Reason for Recommendation	-									

Project Description

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.

Watershed HUC# (if	known) 12	0402040	100	Emerg	ency Need? No						
				Draina	ige area (mi ² est.) 17						
Associated FME's				Count	County Brazoria,Galveston						
Associated FMS's -				Associ	Associated FMP's -						
Existing 100-Yea	r Flood Ris	sk									
Flood risk type:	Riverine?	Yes	Coastal? No	Loc	al? No	Playa? No	Other? No				
Population at risk 1	L0,044		# of structures 2	2,711		Critical facili	ties 9				
Farm/Ranch land in	npacted (ac	res) -		Roadwa	y(s) impacted (length)	54					
Number of low wat	er crossing	5 1		Historic	al road closures -						
100-Year Flood R	lick Doduc	tion									
100-fear Flood R	isk reduc	LION									
Population remove	d from 100-	yr	7614	# of	# of structures removed from 100-yr 2324						
Critical facilities ren	noved from	100-yr	6	Farr	Farm/Ranch land removed from 100-yr (acres) 8.499667						
Road removed from	n 100-yr (m	iles)	34	Low	water crossings remove	ed from 100-yr	1				
Other benefits				Red	Reduction in # of road closures over 10 years -						
Impacts											
Negative impacts?	N	0	Negative impacts description		-						
Water supply contr	ibutions? -		Water supply contribution de	escription	-						
Estimated Cost											
Project Cost \$15	54,039,904			% Nature-I	Based -	BCR 0.16					

Recurring costs \$9,322,532





Title		tch (D111-00 ty Boulevards		veyance Improvements between	Bellaire
ID#	063000186	Sponsor	Harris C	ounty Flood Control District	
RFPG re	commend? -			Reason for Recommendation	-



Project Description

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.

Watershed HUC# (if known) 1204	01040402		Emergency Need? No							
			Drainage area (mi ² est.) 2							
Associated FME's 999999			County Harris	County Harris						
Associated FMS's 9999999			Associated FMP's 9999999							
Existing 100-Year Flood Risk										
Flood risk type: Riverine? Y	'es	Coastal? No	Local? No	Playa? No	Other? No					
Population at risk 1,410 # of structures 3			33	Critical facilities 4						
Farm/Ranch land impacted (acres	s) -	_	Roadway(s) impacted (length)	3						
Number of low water crossings 0			Historical road closures 0							
100-Year Flood Risk Reduction	on									
Population removed from 100-yr	54		# of structures removed from	8						
Critical facilities removed from 10	00-yr 2		Farm/Ranch land removed f	rom 100-yr (acres)	-					
Road removed from 100-yr (mile	s) 3		Low water crossings remove	ed from 100-yr	0					
Other benefits			Reduction in # of road closures over 10 years 0							
Impacts										
Negative impacts? No	Nega	tive impacts description	-							
Water supply contributions? No Water supply contribution de			escription -							
Estimated Cost										
Project Cost \$19,916,965		ġ	% Nature-Based 0	BCR 1.23						

Recurring costs \$721,000



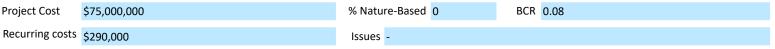


		•						SAN	JACINT	O REGIO	ONAL F	LOOD	LANNI	NG GROU	JP
Title	37th Street Ir	mprovement	Project				•. •	R	Ε	G	L	0	Ν		6
ID#	063000311	Sponsor	Galvesto	on (Municipality)											
RFPG r	ecommend? -			Reason for Reco	ommendatior	<null></null>									

Project Description

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.

Watershed HUC# (if known)		Emergency Need? No		
		Drainage area (mi ² est.) 212		
Associated FME's 999999		County Galveston		
Associated FMS's 999999		Associated FMP's 9999999		
Existing 100-Year Flood Risk				
Flood risk type: Riverine? No	Coastal? Yes	Local? No	Playa? No	Other? No
Population at risk 3,732	Population at risk 3,732 # of structures 14			es 8
Farm/Ranch land impacted (acres) -		Roadway(s) impacted (length)	5	
Number of low water crossings -		Historical road closures -		
100-Year Flood Risk Reduction				
Population removed from 100-yr	3741	# of structures removed fro	om 100-yr	146
Critical facilities removed from 100-yr	8	Farm/Ranch land removed	from 100-yr (acre	s) -
Road removed from 100-yr (miles)	-	Low water crossings remov	ed from 100-yr	-
Other benefits _		Reduction in # of road close	ures over 10 years	-
Impacts				
Negative impacts? No	Negative impacts description	-		
Water supply contributions? No	Water supply contribution des	scription -		
Estimated Cost				







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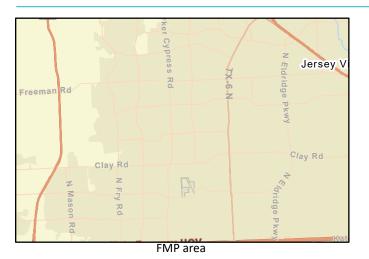


Project Description

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.

Watershed HUC# (if known) -		Emergency Need? No						
		Drainage area (mi ² est.) 21						
Associated FME's 999999		County Harris						
Associated FMS's 9999999		Associated FMP's 999999						
Existing 100-Year Flood Risk								
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No				
Population at risk 1,377	306	Critical facilities 1						
Farm/Ranch land impacted (acres) 14		Roadway(s) impacted (length)	8					
Number of low water crossings 0		Historical road closures 0						
100-Year Flood Risk Reduction								
Population removed from 100-yr	-	# of structures removed from 100-yr 42						
Critical facilities removed from 100-y	0	Farm/Ranch land removed	Farm/Ranch land removed from 100-yr (acres)					
Road removed from 100-yr (miles)	1	Low water crossings remov	ed from 100-yr	0				
Other benefits 67 acre-ft of retention	on volume, recreation	Reduction in # of road close	Reduction in # of road closures over 10 years 0					
Impacts								
Negative impacts? No	Negative impacts description	ı -						
Water supply contributions? No	Water supply contribution de	escription -						
Estimated Cost								
Project Cost \$33,080,232		% Nature-Based 0	BCR 0.04					

Recurring costs \$938,000





Title		0	Of-Way Acquisition, Design and Construction of rovements, Bypass Channel, and Detention for South
ID#	063000315	Sponsor	Harris County Flood Control District
RFPG re	commend? -		Reason for Recommendation -



Project Description

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.

Watershed HUC#	(12040104 12040104		0401040303,		Emerge	ency Need? No				
		12040104	0305			Drainac	ge area (mi² est.)	13			
Associated FME's	-					County	Harris				
Associated FMS's	-					Associa	ited FMP's -				
Eviding 100 V		Diale									
Existing 100-Ye	ar Fioou r	KISK									
Flood risk type:	Riverine	e? Yes		Coastal? No		Loca	al? Yes		Playa? No	Other?	No
Population at ris	k 3,403			# of structures	es 1,01	5			Critical facilities	4	
Farm/Ranch land	l impacted ((acres) -			Rc	badway	v(s) impacted (lengt	th)	24		
Number of low w	vater crossii	ngs O			Hi	istorica	l road closures 0				
100-Year Flood	1 Risk Red	uction									
			_		_						
Population remo			-			# of s	structures removed	d fro	om 100-yr	-	
Critical facilities	removed fro	om 100-yr	-			Farm	/Ranch land remov	ved	from 100-yr (acres)	-	
Road removed fr	om 100-yr ((miles)	-			Low	water crossings rer	mov	ed from 100-yr	-	
Other benefits	-					Redu	uction in # of road o	closı	ures over 10 years	-	
Impacts											
Negative impacts	5?	No	Nega	itive impacts description	ion	r	-				
Water supply cor	ntributions?	? -	Wate	er supply contribution	descri	ption	-				
Estimated Cos	,t										
Project Cost	\$27,817,750	0			% Na	ature-B	ased -		BCR 0.73		
Recurring costs	\$1,685,341				Issu	es -					
									st til		2 4 4





Title	J	Design and Construction of the B509-03-00 and B509-04-00 Stormwater Detention Basins (2018 Bond Project C-07)								
ID#	063000319	Sponsor	Harris C	ounty Flood Control District						
RFPG re	commend? -			Reason for Recommendation -						



Project Description

This project provides for design and construction of three offline detention basins in B509-03-00 and B509-04-00.

Emergency Need? No
Drainage area (mi ² est.) 59
County Harris
Associated FMP's -

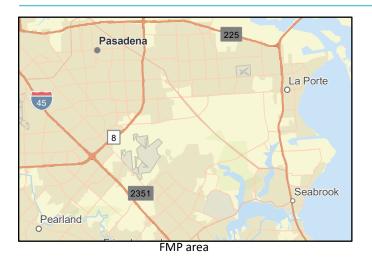
Existing 100-Year Flood Risk

Flood risk type:	Riverine?	No	Coastal?	No	Local? Yes		Playa? No	Other? No
Population at risk 3	,757		# o	f structures 1,387			Critical facilities 6	
Farm/Ranch land im	pacted (acr	es) 23		Roa	dway(s) impacted (le	31		
Number of low water crossings 2		Historical road closures 3			3			

100-Year Flood Risk Reduction

Population removed from 100-	-yr 1	114	# of structures removed from 100-yr	15
Critical facilities removed from	100-yr <mark>0</mark>)	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (mi	iles) 1	L	Low water crossings removed from 100-yr	0
Other benefits _			Reduction in # of road closures over 10 years	0
Impacts				
Negative impacts? No	0	Negative impacts description	-	
Water supply contributions? No	0	Water supply contribution desc	ription -	

Project Cost	\$34,850,000	% Nature-Based -	BCR	0.01
Recurring costs		Issues -		





		C				SAN J	ACINT	O REGIO	ONAL F	LOOD	PLANNI	NG GRO	UP
Title	Warren Lake	and Dam Ret	rofit		•. •	R	Ε	G	I	0	Ν		6
ID#	063000320	Sponsor	Coastal Prairie Conservancy										
RFPG re	commend? -		Reason for Recomn	mendation <null></null>									

Project Description

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.

Watershed HUC# (if known) 120	0401020	0103	Eme	gency Need? No			
			Drair	age area (mi² est.) 2			
Associated FME's 999999			Cour	ty Harris			
Associated FMS's 9999999			Asso	ciated FMP's 9999999			
Existing 100-Year Flood Ris	k						
Flood risk type: Riverine?	Yes	Coastal? No	Lo	ocal? No	Playa? No	Other? No	
Population at risk 94		# of structures	47		Critical facilities	s 0	
Farm/Ranch land impacted (acr	es) 183		Roadw	ay(s) impacted (length) -		
Number of low water crossings	0		Histori	cal road closures -			
100-Year Flood Risk Reduct	ion						
100-Teal Flood Kisk Reduct	.1011						
Population removed from 100-	/r	94	# 0	of structures removed f	from 100-yr	47	
Critical facilities removed from	100-yr	0	Fa	rm/Ranch land remove	d from 100-yr (acres)) 0	
Road removed from 100-yr (mi	es)	0	Lo	w water crossings remo	oved from 100-yr	0	
Other benefits			Re	duction in # of road clo	osures over 10 years	0	
Impacts							
Negative impacts? No)	Negative impacts description	n	-			
Water supply contributions? No)	Water supply contribution d	escriptior	-			
Estimated Cost							
Project Cost \$6,438,252			% Nature	-Based -	BCR 4.45		
Recurring costs _			Issues -				
							525





Title	0	<i>n</i> 0		tion of Conveyance Improvement nd Channel Conveyance Improve	0
ID#	063000321	Sponsor	Harris C	ounty Flood Control District	
RFPG re	commend?	-		Reason for Recommendation	-



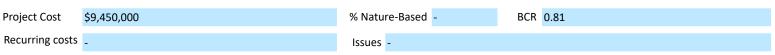
Project Description

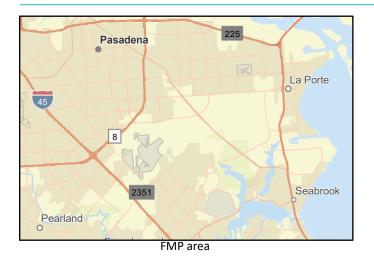
The proposed project includes the expansion and extension of existing detention basins to alleviate historical and potential future riverine flooding within the Armand Bayou Watershed.

Watershed HUC# (if known) -	Emergency Need? No
	Drainage area (mi ² est.) 59
Associated FME's	County Harris
Associated FMS's -	Associated FMP's -
Existing 100-Year Flood Risk	

Flood risk type:	Riverine?	Yes	Coastal?	No	Local?	Yes	Playa? No	Other? No
Population at risk 18	opulation at risk 18,858		# c	of structures 6,363			Critical facilitie	s 28
Farm/Ranch land impacted (acres) 59			Roadway(s) impacted (length)				150	
Number of low water crossings 4		4	Historical road closures 0					
100-Year Flood Ri	sk Reduct	ion						

Population removed from 100-yr	- #	# of structures removed from 100-yr	230
Critical facilities removed from 100-yr	0 F	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	1 l	Low water crossings removed from 100-yr	0
Other benefits _	F	Reduction in # of road closures over 10 years	0
Impacts			
Negative impacts? No	Negative impacts description	-	
Water supply contributions? -	Water supply contribution description	on -	





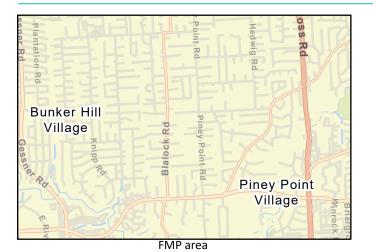


		0				SAN JACINT	O REGIO	NAL FL	.00D F	PLANNING	GROUP
Title	Blalock Road	Drainage Im	provement Project		•. •	RE	G	L	0	Ν	6
ID#	063000327	Sponsor	Piney Point Village (Municipality)								
RFPG r	ecommend? -		Reason for Recommendation	-							

Project Description

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.

Watershed HUC#	[#] (if known)	12040104	0303		Emer	gency Need? No						
					Drain	age area (mi² est.)) 1					
Associated FME's	; _				County Harris							
Associated FMS's	5 -				Assoc	iated FMP's -						
Existing 100-Y	ear Flood	Risk										
Flood risk type:	Riverine	e? Yes		Coastal? No	Lo	cal? Yes		Playa? No		Other? No		
Population at risk 1,519 # of structu					364			Critical facilitie	es 0			
Farm/Ranch land impacted (acres) -					Roadwa	ay(s) impacted (ler	ngth)	6				
Number of low water crossings 0					Historical road closures -							
100-Year Floo	d Risk Red	luction										
Population rem	oved from 1	00-yr	498		# o	f structures remov	ved fror	n 100-yr	54			
Critical facilities	removed fr	om 100-yr	0		Far	m/Ranch land rem	noved fi	rom 100-yr (acres	6) -			
Road removed	from 100-yr	(miles)	1		Lov	v water crossings r	remove	d from 100-yr	0			
Other benefits	-				Ree	duction in # of road	d closu	res over 10 years	0			
Impacts												
Negative impac	ts?	No	Negat	ive impacts descriptior	ı	-						
Water supply contributions? - Water supply contril				r supply contribution de	escription	-						
Estimated Co	st											
Project Cost \$19,323,500					% Nature	Based -	1	BCR 0				
Recurring costs \$1,170,700					Issues -							





				SAN	JACINT	O REGIO	DNAL	FLOOD I	PLANNIN	G GROUP								
Title										•	R	Ε	G		0	Ν	6	5
ID#	063000328	Sponsor	Harris C	ounty Flo	od Conti	rol Distric	t											
RFPG re	ecommend? -			Reaso	n for Rec	ommend	ation .	<null></null>										

Project Description

The proposed project includes widening sections of the Keegans Bayou main channel and a 1,600 acre-feet detention basin.

Watershed HUC# (if known)	Emergency Need? No
	Drainage area (mi ² est.) 23
Associated FME's	County Fort Bend,Harris
Associated FMS's -	Associated FMP's -

Existing 100-Year Flood Risk

Flood risk type: Riverine	? No	Coastal?	No	Local? Yes	Playa? No	Other? No
Population at risk 20,045		# c	of structures 3,71	17	Critical facilities 57	
Farm/Ranch land impacted	acres) 5		R	oadway(s) impacted (length)	95	
Number of low water crossi	ngs O		Н	listorical road closures 0		

100-Year Flood Risk Reduction

Population removed from 100-yr		16486	# of structures removed from 100-yr	2009
Critical facilities removed from 100-yr		29	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-yr (miles)		150	Low water crossings removed from 100-yr	0
Other benefits			Reduction in # of road closures over 10 years	0
Impacts				
Negative impacts?	No	Negative impacts description	-	

Water supply contributions? -

Estimated Cost

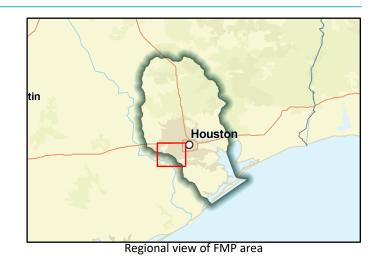
Project Cost \$190,218,000 Recurring costs

% Nature-Based -

Water supply contribution description -

BCR 0.94





		C				SAN .	JACINT	O REGIO	ONAL F	LOOD	PLANNI	NG GROU	JP
Title	Goose Creek	Flood Risk Re	duction		•. •	R	Е	G	L	0	Ν		6
ID#	063000334	Sponsor	Harris County Flood Control District										
RFPG re	ecommend? -		Reason for Recommendation	<null></null>									

Project Description

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

Watershed HUC# (if known) -					Emergency Need? No					
				Drain	age area (mi ² est.) 27					
Associated FME's				Count	ty Harris					
Associated FMS's -				Assoc	iated FMP's -					
Existing 100-Year	Flood Ris	k								
Flood risk type:	Riverine?	Yes	Coastal? No	Lo	cal? Yes	Playa? No	Other? No			
Population at risk 5,	,318		# of structures	980		Critical facilities	s 34			
Farm/Ranch land im	pacted (ac	res) 50		Roadwa	ay(s) impacted (length)	17				
Number of low wate	er crossings	1		Historio	al road closures 1					
100-Year Flood Ri	isk Reduc	tion								
Population removed	d from 100-	yr	1283	# o	f structures removed fro	om 100-yr	269			
Critical facilities rem	noved from	100-yr	9	Far	m/Ranch land removed	from 100-yr (acres)) 0			
Road removed from	100-yr (mi	les)	28	Lov	v water crossings remov	ved from 100-yr	0			
Other benefits				Red	duction in # of road clos	ures over 10 years	0			
Impacts			_							
Negative impacts?	No)	Negative impacts description	n	-					
Water supply contril	butions? -		Water supply contribution d	escription	-					
Estimated Cost										
Project Cost \$46	,493,360			% Nature-	Based -	BCR 0.48				
Recurring costs										





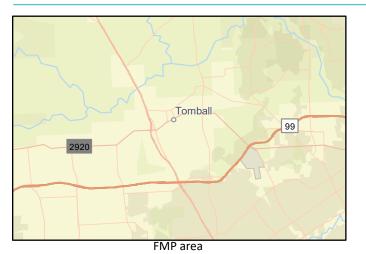
U	SAN JACINTO REGIONAL FLOOD PLANNING GROUP
Title Willow Creek Water	ed Plan - M120 Detention/Preservation Site REGION6
ID# 063000339 Spc	or Harris County Flood Control District
RFPG recommend? -	Reason for Recommendation <null></null>

Project Description

The project includes a 1,640 acre-feet regional detention basin, 85 acres of floodplain preservation, & habitat preservation in Willow Creek.

Watershed HUC# (if known) -		Emergency Need? No	Emergency Need? No					
		Drainage area (mi ² est.) 56						
Associated FME's		County Harris						
Associated FMS's -		Associated FMP's -						
Existing 100-Year Flood Risk								
Flood risk type: Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No				
Population at risk 2,230	# of structures 9	16	Critical facilities	s 5				
Farm/Ranch land impacted (acres) 60		Roadway(s) impacted (length)	27					
Number of low water crossings 5		Historical road closures 5						
100-Year Flood Risk Reduction								
Population removed from 100-yr	548	# of structures removed fro	m 100-yr	127				
Critical facilities removed from 100-yr	0	Farm/Ranch land removed	from 100-yr (acres)) 0				
Road removed from 100-yr (miles)	2	Low water crossings remove	ed from 100-yr	0				
Other benefits Environmental		Reduction in # of road closu	ires over 10 years	0				
Impacts								
Negative impacts? No	Negative impacts description	-						
Water supply contributions? -	Water supply contribution des	scription -						
Estimated Cost								
Project Cost \$64,900,000	%	6 Nature-Based -	BCR 0.68					

Recurring costs





Title	White Oak Bayou - Design and Construction of Woodland Trails Stormwater Detention Basin									
ID#	063000344									
RFPG re	ecommend? -			Reason for Recommendation	<null></null>					



Project Description

This project includes a stormwater detention basin that compliments the federal project on White Oak Bayou.

Watershed HUC# (if known) -	Emergency Need? No
	Drainage area (mi ² est.) 79
Associated FME's	County Harris
Associated FMS's -	Associated FMP's -

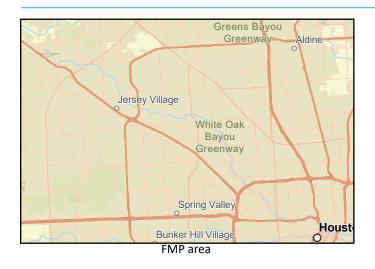
Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal?	No		Local? Ye	25	Pl	laya? No		Other? No	
Population at risk 2	9,631		# o	f structures	5,661				Critical facilities	30		
Farm/Ranch land im			Road	dway(s) in	npacted (length) 12	21					
Number of low wate	er crossings	2			Histo	orical road	d closures 2					

100-Year Flood Risk Reduction

Population removed from 100-yr		3011	# of structures removed from 100-yr	702
Critical facilities removed from 100-yr		2	Farm/Ranch land removed from 100-yr (acres)	0
Road removed from 100-	yr (miles)	19	Low water crossings removed from 100-yr	0
Other benefits _		Reduction in # of road closures over 10 years		0
Impacts				
Negative impacts?	No	Negative impacts description	-	
Water supply contributio	ns? -	Water supply contribution des		

Project Cost	\$42,600,000	% Nature-Based -	BCR	1.89
Recurring costs	-	Issues -		





Title	Cypress Creek Program Implementation Plan, 23 Stormwater Detention Basin Plan (Includes 2018 Bond Projects CI-36 and CI-20)												
ID#	063000357	Sponsor	Harris County Flood Control District										
RFPG re	commend? -		Reason for Recommendation -										



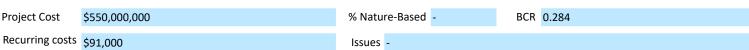
Project Description

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).

Watershed HUC# (if known)	120401020104,120	401020106,12040102010	Emergency Need? No							
			Drainage area (mi ² est.) 119	Drainage area (mi ² est.) 119						
Associated FME's			County Harris							
Associated FMS's -			Associated FMP's -							
xisting 100-Year Flood Risk										
Flood risk type: Riverine	? Yes	Coastal? No	Local? Yes	Playa? No	Other? No					
Population at risk 49,086		# of structures 16	5,233	Critical facilities 158						
Farm/Ranch land impacted	acres) 90		Roadway(s) impacted (length)	264						
Number of low water crossi	ngs O		Historical road closures 3							
100-Year Flood Risk Red	uction									

Population removed from 10	00-yr	9880	# of structures removed from 100-yr	2814
Critical facilities removed fro	m 100-yr	18	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	27	Low water crossings removed from 100-yr	0
Other benefits _			Reduction in # of road closures over 10 years	0
Impacts				
Negative impacts?	No	Negative impacts description	-	
Water supply contributions?	No	Water supply contribution descr	iption -	

Estimated Cost







Regional view of FMP area

		U		`		SAN	SAN JACINTO REGIONAL FLOOD PLANNING GROUP								
Title	Kingwood Div	ersion Ditch	(G103-38-00)				•. •	R	Ε	G		0	Ν	6	j
ID#	063000360	Sponsor	Harris Count	y Flood Conti	rol District										
RFPG re	ecommend? -		R	eason for Rec	ommendation	<null></null>									

Project Description

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.

Watershed HUC# (if known) -		Emergency Need? No								
		Drainage area (mi ² est.) 22	Drainage area (mi ² est.) 22							
Associated FME's		County Harris, Montgomery								
Associated FMS's -		Associated FMP's -								
Existing 100-Year Flood Risk										
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No						
Population at risk 3,414	# of structur	es 79	79 Critical facilities 18							
Farm/Ranch land impacted (acres) 0		Roadway(s) impacted (length)	Roadway(s) impacted (length) 2							
Number of low water crossings 0		Historical road closures 0	Historical road closures 0							
100-Year Flood Risk Reduction										
Population removed from 100-yr	3244	# of structures removed fro	om 100-yr	49						
Critical facilities removed from 100-yr	10	Farm/Ranch land removed	from 100-yr (acres)) 0						
Road removed from 100-yr (miles)	25	Low water crossings remov	Low water crossings removed from 100-yr 0							
Other benefits _		Reduction in # of road clos	ures over 10 years	0						
Impacts										

Negative impacts?	No	Negative impacts description	-						
Water supply contributions?	-	Water supply contribution description							

Project Cost	\$62,938,000	% Nature-Based -	BCR	0.03
Recurring costs	-	Issues -		





Title	Design and Construction of E116 tributary modifications and detention (20 Bond project Z-02)										
ID#	063000389	Sponsor	Harris County Flood Control District								
RFPG re	commend? -		Reason for Recommendation -								



Project Description

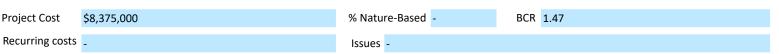
The proposed project includes channel improvements, upsizing of culverts, siltation removal, local drainage improvements, and a stormwater detention basin within White Oak Bayou Tributary E116-00-00.

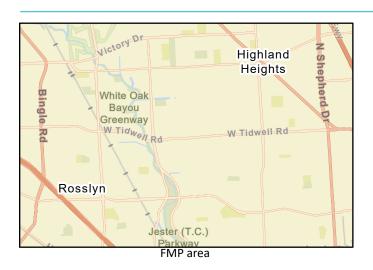
Watershed HUC# (if known)	120401040302,120401040304	Emergency Need? No
		Drainage area (mi ² est.) 7
Associated FME's		County Harris
Associated FMS's -		Associated FMP's -

Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Population at risk	36,556		# of st	ructures 14,652	Critical facilit	ties 155
Farm/Ranch land in	mpacted (ac	res) 6		Roadway(s) impacte	ed (length) 140	
Number of low water crossings 0				Historical road close	ures 0	
100-Year Flood F	Risk Reduc	tion				
Population remove	ed from 100-	yr	0	# of structures	removed from 100-yr	0

•	
r 1 Fa	arm/Ranch land removed from 100-yr (acres) -
1 Lo	ow water crossings removed from 100-yr 0
R	eduction in # of road closures over 10 years 0
Negative impacts description	-
Water supply contribution descriptio	n -
Y	1 Li R Negative impacts description







										SAN JACINTO REGIONAL FLOOD PLANNING GROUF									
Title	P518-11-E002	2 (P118-21 Pl	iase II De	etention) (2018 Bo	ond Project	t C-41)			•	•••••••••••••••••••••••••••••••••••••••	R	Ε	G	I	0	Ν		6
ID#	063000396	Sponsor	Harris C	ounty Flo	od Contr	rol District													
RFPG r	ecommend? -			Reason	for Rec	commenda	tion	-											

Project Description

This project provides for design and construction for the second phase of the Aldine Westfield North Detendion Basin in the Halls Bayou watershed.

Watershed HUC# (if known) -					Emergency Need? No					
				Drainag	e area (mi² est.) 52					
Associated FME's	5 _			County	-					
Associated FMS's	5 -			Associat	ted FMP's -					
Existing 100-\	/ear Flood I	Risk								
Flood risk type:	Riverine	? No	Coastal? No	Loca	I? Yes	Playa? No	Other? No			
Population at ri	sk 9,316		# of structures	3,412		Critical faciliti	ies 3			
Farm/Ranch lar	d impacted (acres) 3		Roadway	(s) impacted (length) 22				
Number of low	water crossii	ngs 1		Historical	road closures 1					
100-Year Floo	d Risk Red	uction								
Population rem	oved from 10)0-yr	423	# of s	tructures removed	from 100-yr	129			
Critical facilities	removed fro	om 100-yr	0	Farm	/Ranch land remove	ed from 100-yr (acre	es) -			
Road removed	from 100-yr (miles)	0	Low	water crossings rem	oved from 100-yr	0			
Other benefits	-			Redu	ction in # of road clo	osures over 10 years	s 0			
Impacts										
Negative impac	ts?	No	Negative impacts descriptio	n -						
Water supply co	ontributions?	No	Water supply contribution d	escription -						
Estimated Co	st									
Project Cost	\$10,371,000)		% Nature-Ba	ased -	BCR 0				
Recurring costs	\$415,000			Issues -						

Intercontinental 960 Airport Greens Bayou Greenway Aldine illage White Oak Halls Bayou Bayou Greenway Greenway Hunting Bayou Greenway FMP area



Title	,	Right-Of-Way ts on P118-23	, 0,	and Construction of Channel Cor P118-23-02	nveyance
ID#	063000397	Sponsor	Harris C	ounty Flood Control District	
RFPG re	commend? -			Reason for Recommendation	-



Project Description

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)

Watershed HUC# (if known)	120401040605,120401040601,12040104030	Emergency Need? No
		Drainage area (mi ² est.) 2
Associated FME's		County Harris
Associated FMS's -		Associated FMP's -

Existing 100-Year Flood Risk

Flood risk type:	Riverine?	Yes	Coastal?	No	Lo	al? Yes		Playa?	No	Other? No
Population at risk 1,	108		# o	f structures 2	89			Criti	cal facilities 0	
Farm/Ranch land im	pacted (acr	es) -			Roadwa	y(s) impa	cted (length)	2		
Number of low wate	er crossings	0			Historic	al road clo	osures 1			
100-Year Flood Ri	sk Reduct	ion								

100-Year Flood Risk Reduction	100-Year	Flood F	Risk Red	uction
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Population removed from 10	0-yr	1109 #	f of structures removed from 100-yr	286			
Critical facilities removed from	m 100-yr	0 F	Farm/Ranch land removed from 100-yr (acres)	-			
Road removed from 100-yr (r	miles)	23	Low water crossings removed from 100-yr				
Other benefits			Reduction in # of road closures over 10 years 0				
Impacts							
Negative impacts?	No	Negative impacts description	-				
Water supply contributions?	No	Water supply contribution description	on -				

Project Cost	\$31,317,000	% Nature-Based -	BCR	0.482
Recurring costs	-	Issues -		





Title	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-25-00 & P118-25-01										
ID#	063000399	Sponsor	Harris C	County Flood Control District							
RFPG re	commend? -			Reason for Recommendation							



Project Description

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).

Watershed HUC# (if known)	120401040605,120401040601,12040104030	Emergency Need? No
		Drainage area (mi ² est.) 52
Associated FME's		County Harris
Associated FMS's -		Associated FMP's -
Existing 100-Year Flood	Risk	

Flood risk type: F	Riverine?	Yes	Coastal?	No		Local?	Yes	Playa?	No	Other? No	
Population at risk 38,873			# of structures 13,531				Crit	ical facilities <mark>g</mark>	92		
Farm/Ranch land impacted (acres) 14			Roadway(s) impacted (length)				137				
Number of low water crossings 7					Histo	orical ro	ad closures 1				
LOO-Year Flood Risk Reduction											

Population removed from 100-yr	3088	# of structures removed from 100-yr	952
Critical facilities removed from 100-yr	3	Farm/Ranch land removed from 100-yr (acres)) -
Road removed from 100-yr (miles)	5	Low water crossings removed from 100-yr	0
Other benefits _		Reduction in # of road closures over 10 years	0
Impacts			
Negative impacts? No	Negative impacts description	-	
Water supply contributions? No	Water supply contribution descri	ption -	

Estimated Cost

Project Cost\$14,938,614% Nature-Based-BCR0.958Recurring costs______





Title	Halls Bayou - Right-Of-Way, Design, and Construction of Channel Conveyance Improvements on P118-27-00									
ID#	063000400	Sponsor	Harris County Flood Control District							
RFPG re	commend? -		Reason for Recommendation -							



Project Description

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.

Watershed HUC# (if kno	wn) 120	04010406	505,1204	0104060	1,120401040	30 Er	mergency Need?						
						Di	rainage area (mi² o	est.) 6					
Associated FME's	Associated FME's					County Harris							
Associated FMS's -					As	ssociated FMP's -							
Existing 100-Year Flood Risk													
Flood risk type: Riv	verine?	Yes		Coastal?	No		Local? Yes		Playa? No		Other? No		
Population at risk 1,08	3			# c	f structures	326			Critical facil	ities 5			
Farm/Ranch land impac	cted (acr	es) 0				Roa	dway(s) impacted	(length)	3				
Number of low water crossings 5					Hist	orical road closure	es 1						
100-Year Flood Risk	Reduct	tion											
	100 -		1011				# of otwork		100	225			

Population removed from 100-yr		1811	# of structures removed from 100-yr	325		
Critical facilities removed from	m 100-yr	5	Farm/Ranch land removed from 100-yr (acres) -		
Road removed from 100-yr (r	niles)	26	Low water crossings removed from 100-yr			
Other benefits _			Reduction in # of road closures over 10 years	0		
Impacts						
Negative impacts?	No	Negative impacts description	-			
Water supply contributions?	No	Water supply contribution descr	ription -			

Estimated Cost

 Project Cost
 \$23,679,032
 % Nature-Based
 BCR
 2.18

 Recurring costs
 \$1,420,742
 Issues
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Title	Design and Construction of Carpenters Bayou mainstem channel modifications and detention (2018 Bond project F-124)										
ID#	063000402	Sponsor	Harris County Flood Control District								
RFPG re	commend? -		Reason for Recommendation -								



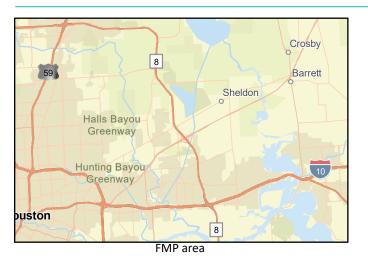
Project Description

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.

Watershed HUC# (if known) -		Emergency Need? No		
		Drainage area (mi ² est.) 67		
Associated FME's		County Harris		
Associated FMS's -		Associated FMP's -		
Existing 100-Year Flood Risk				
Flood risk type: Riverine? No	Coastal? No	Local? Yes	Playa? No	Other? No
Population at risk 8,805	# of structures 2	.,569	Critical facilitie	25 34
Farm/Ranch land impacted (acres) 39		Roadway(s) impacted (length)	67	
Number of low water crossings 2		Historical road closures 0		
100-Year Flood Risk Reduction				
Population removed from 100-yr	3664	# of structures removed fro	om 100-yr	379
Critical facilities removed from 100-yr	8	Farm/Ranch land removed	from 100-yr (acres	;) -
Road removed from 100-yr (miles)	14	Low water crossings remov	0	
Other benefits _		Reduction in # of road closu	ures over 10 years	0
Impacts				
Negative impacts? No	Negative impacts description	-		
Water supply contributions? No	Water supply contribution de	scription -		
Estimated Cost				
Project Cost \$30,360,000	%	6 Nature-Based -	BCR 0.46	

Recurring costs

Issues -





Regional view of FMP area

											SAN JACINTO REGIONAL FLOOD PLANNING						NING GR	GROUP	
Title	Danubina Dra	iinage Improv	/ements						•.	•••	R	Ε	G		0	N		6	
ID#	063000422	Sponsor	Baytown	(Munici	pality)														
RFPG re	ecommend? -			Reasor	n for Rec	omr	nendatio	n <null></null>											

Project Description

This CDBG-MIT application involves the installation and construction of improvements along Hull Gully, detention, and storm sewer improvements along Hunnicutt Street.

Watershed HUC# (if known)	Emergency Need? No
	Drainage area (mi ² est.) 48
Associated FME's	County Chambers, Harris
Associated FMS's -	Associated FMP's -

Existing 100-Year Flood Risk

Flood risk type:	Riverine?	No	Coastal?	No	Local? Yes	F	Playa? No	Other? No
Population at risk 4	28		# of	structures 137			Critical facilities 0	
Farm/Ranch land in	es) -	Roadway(s) impacted (length)			(length)	5		
Number of low water crossings 0			Historical road closures -			·S -		

100-Year Flood Risk Reduction

Population removed from 100-yr	304	# of structures removed from 100-yr	111			
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	-			
Road removed from 100-yr (miles)	10	Low water crossings removed from 100-yr	0			
Other benefits _		Reduction in # of road closures over 10 years	0			
Impacts						
Negative impacts? No	Negative impacts description	-				
Water supply contributions? -	Water supply contribution description -					

Project Cost	\$18,467,088	% Nature-Based -	BCR 0.96
Recurring costs	-	Issues -	





Title	City of Friendsv Phase I	ity of Friendswood - Clear Creek Inline & Offline Detention - Bay Area Blvd. hase I									
ID#	063000424	Sponsor	Friendsw	vood (Municipality)							
RFPG re	commend? -			Reason for Recommendation	<null></null>						



Project Description

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.

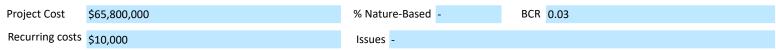
Watershed HUC# (if k	known) 12	20402040200,120402040100	Emergency Need?	ю
			Drainage area (mi² e	est.) 21
Associated FME's 999	9999		County Galveston,H	larris
Associated FMS's 999	9999		Associated FMP's 99	99999

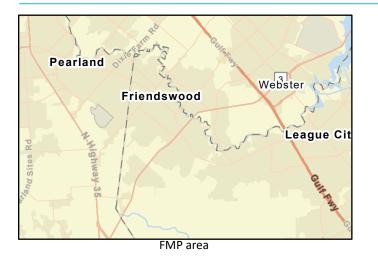
Existing 100-Year Flood Risk

Flood risk type:	Riverine?	No	Coastal?	No	Local? Yes		Playa? No		Other? No
Population at risk 16	6,927		# o	f structures 4,9	52		Critical fa	cilities 189	
Farm/Ranch land impacted (acres) 728					Roadway(s) impac	cted (length)	575		
Number of low water crossings 11			Historical road closures 11						

100-Year Flood Risk Reduction

Population removed from 100-yr	-	#	of structures removed from 100-yr	172
Critical facilities removed from 10	00-yr 2	F	arm/Ranch land removed from 100-yr (acres)	2.84645985
Road removed from 100-yr (miles	s) 7	L	ow water crossings removed from 100-yr	0
Other benefits _		R	reduction in # of road closures over 10 years	0
Impacts				
Negative impacts? No	Neg	ative impacts description	-	
Water supply contributions? No	Wat	er supply contribution description	on -	
Estimated Cost				







		0		,	•						SAN .	JACINT	O REGIO	INAL I	FLOOD I	PLANNIN	G GROUP	
Title	Rivershire We	st - Grand L	ake Creek	Waters	hed				•.	•	R	Ε	G	I	0	Ν	6	
ID#	063000453	Sponsor	Conroe (Municip	ality)													
RFPG re	ecommend? -			Reasc	on for Red	commend	lation	<null></null>										

Project Description

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

Watershed HUC# (if known) 120401010	207,120401010401	Emergency Need? No		
		Drainage area (mi ² est.) 2		
Associated FME's		County Montgomery		
Associated FMS's -		Associated FMP's -		
Existing 100-Year Flood Risk				
Flood risk type: Riverine? Yes	Coastal? No	Local? Yes	Playa? No	Other? No
Population at risk 1,890	# of structures 6	90	Critical facilities	s 10
Farm/Ranch land impacted (acres) 2		Roadway(s) impacted (length)	11	
Number of low water crossings 0		Historical road closures 0		
100-Year Flood Risk Reduction				
Population removed from 100-yr	566	# of structures removed fro	om 100-yr	100
Critical facilities removed from 100-yr	1	Farm/Ranch land removed	from 100-yr (acres) 0
Road removed from 100-yr (miles)	2	Low water crossings remov	ed from 100-yr	0
Other benefits _		Reduction in # of road closu	ures over 10 years	0
Impacts				
Negative impacts? No	Negative impacts description	-		
Water supply contributions? -	Water supply contribution de	scription -		
Estimated Cost				
Project Cost \$30,000,000	%	6 Nature-Based -	BCR 0.11	

Recurring costs \$1,600,544





Title	Mainstem Eva	luation Proje	R E G	
ID#	063000469	Sponsor	Harris County Flood Control District	
RFPG r	ecommend? -		Reason for Recommendation -	

Project Description

Project consists of ROW acquisition and construction of a detention basin near Veterans Memorial which provides approximately 460 acre-feet of storage.

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SAN JACINTO REGIONAL FLOOD PLANNING GROUP

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Watershed HUC#	t (if known)	120401040	0604		E	mergen	cy Need? No						
					D	Drainage area (mi² est.) 52							
Associated FME's	-				C	County	Harris						
Associated FMS's	5 -				A	Associate	ed FMP's -						
Existing 100-Y	ear Flood	Risk											
Flood risk type:	Riverine	e? -		Coastal? -		Local	2 -	Playa? -		Other? -			
Population at ri	sk 38,916			# of structure	s 13,74	8		Critical facilities	^s 91				
Farm/Ranch lan	d impacted	(acres) -			Roa	adway(s) impacted (length)	127					
Number of low	water crossi	ngs 7			Hist	torical ı	oad closures -						
100-Year Floo	d Risk Red	uction											
Population rem	oved from 1	00-yr	1037			# of st	ructures removed fro	om 100-yr	292				
Critical facilities	removed fr	om 100-yr	1			Farm/	Ranch land removed	from 100-yr (acres)) -				
Road removed	from 100-yr	(miles)	6			Low w	ater crossings remov	ed from 100-yr	0				
Other benefits	-					Reduc	tion in # of road clos	ures over 10 years	0				
Impacts													
Negative impac	ts?	No	Negati	ve impacts description	on	-							
Water supply co	ontributions	? -	Water	supply contribution	descript	tion -							
Estimated Co	st												
Project Cost	\$35,250,00	0			% Nat	ture-Ba	sed -	BCR 0.49					
Recurring costs	\$1,783,197				Issues	es -							





		•								PLANNING	GROUP	
Title	Halls Bayou D	Prainage Proje	ect Bond C-01		•. •	R	Ε	G	0	Ν	6	
ID#	063000470	Sponsor	Harris County Flood Control District									
RFPG r	ecommend? -		Reason for Recommendation	-								

Project Description

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.

Watershed HUC#	(if known)	120401040	0605,120401040601,120401040	30 Emerg	ency Need? No					
				Draina	ge area (mi ² est.) 52					
Associated FME's	-			County	y Harris					
Associated FMS's	-			Associ	ated FMP's -					
Existing 100-Ye	ear Flood I	Risk								
Flood risk type:	Riverine	? No	Coastal? No	Loc	al? No	Play	a? No		Other? Yes	
Population at ris	k 1,593		# of structures	677		с	ritical facilitie	es 0		
Farm/Ranch land	l impacted	(acres) 0		Roadwa	y(s) impacted (length)	3				
Number of low w	vater crossi	ngs 3		Historica	al road closures 1					
100-Year Flood	l Risk Red	uction								
Population remo	ved from 10	00-yr	0	# of	structures removed f	rom 10	0-yr	677		
Critical facilities	removed fro	om 100-yr	-	Farr	n/Ranch land removed	d from	100-yr (acres	s) -		
Road removed fr	om 100-yr	(miles)	3	Low	water crossings remo	oved fro	om 100-yr	1		
Other benefits	-			Red	uction in # of road clo	sures c	over 10 years	1		
Impacts										
Negative impacts	s?	No	Negative impacts description	I	-					
Water supply cor	ntributions?	No	Water supply contribution de	escription	-					
Estimated Cos	t									
Project Cost	\$22,385,161	1		% Nature-I	Based -	BCR	2.31999993	3		

Recurring costs \$710,716





Title	Mainstem Ev	aluation Proj	ects - Parker Basin (2018 Bond Project C-41)	R E
ID#	063000471	Sponsor	Harris County Flood Control District	
RFPG r	ecommend? -		Reason for Recommendation -	

Project Description

This project provides for design and construction of four detention basisns providing approximately 602 ac-ft of storage in the Halls Bayou watershed. Inlcudes a half mile of channel improvements to P118-00-00.

SAN JACINTO REGIONAL FLOOD PLANNING GROUP

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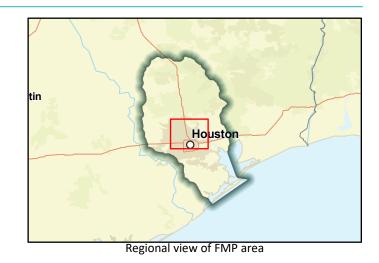
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Watershed HUC#	[#] (if known)	-			Emerg	gency Need? No							
					Drainage area (mi ² est.) 52								
Associated FME's	-				Count	y Harris							
Associated FMS's	-				Assoc	iated FMP's -							
Existing 100-Y	ear Flood	Risk											
Flood risk type:	Riverine	? No	Coast	al? No	Lo	cal? Yes		Playa? No		Other? No			
Population at ri	sk 1,936			# of structures	886			Critical facilitie	es 13				
Farm/Ranch lan	d impacted	(acres) 1			Roadwa	ay(s) impacted (len	ngth)	11					
Number of low	water crossi	ngs O			Historic	al road closures 0							
100-Year Floo	d Risk Red	uction											
Population rem	oved from 1	00-yr	319		# o	f structures remov	ved fror	n 100-yr	76				
Critical facilities	removed fro	om 100-yr	0		Far	m/Ranch land rem	noved f	rom 100-yr (acres	s) -				
Road removed	from 100-yr	(miles)	1		Lov	v water crossings r	remove	d from 100-yr	0				
Other benefits	-				Rec	luction in # of road	d closu	res over 10 years	0				
Impacts													
Negative impact	ts?	No	Negative im	pacts descriptior	า	-							
Water supply co	ontributions?	No	Water supp	ly contribution d	escription	-							
Estimated Co	st												
Project Cost	\$38,230,000	C			% Nature-	Based -		BCR 0.18					
Recurring costs	\$0				Issues -								





Title	U	, , ,	Design and Construction of a Stormwater Detention eek near the Grand Parkway (2018 Bond Project
ID#	063000472	Sponsor	Harris County Flood Control District
RFPG re	- commend		Reason for Recommendation -



Project Description

This project includes the design and construciton of three detention basins (226 ac-ft) along South Mayde Creek (U101-00-00).

Natershed HUC# (if known) -	Emergency Need? No
	Drainage area (mi ² est.) 45
Associated FME's	County Harris,Waller
Associated FMS's -	Associated FMP's -

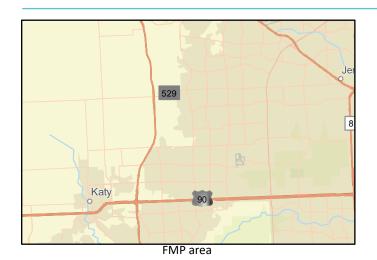
Existing 100-Year Flood Risk

Flood risk type:	Riverine?	No	Coastal?	No	Local? Yes	Playa? No	Other? No
Population at risk 8	,067		# o	f structures 2,339		Critical facilities 43	
Farm/Ranch land im	npacted (acr	es) 269		Road	dway(s) impacted (length)	49	
Number of low wate	er crossings	0		Histo	orical road closures 0		

100-Year Flood Risk Reduction

Population removed from 100-yr	194	# of structures removed from 100-yr 5	
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0
Other benefits _		Reduction in # of road closures over 10 years	0
Impacts			
Negative impacts? No	Negative impacts description	-	
Water supply contributions? No	Water supply contribution des	cription -	

Project Cost	\$11,440,000	% Nature-Based -	BCR	0.18
Recurring costs	-	Issues -		





Title	Design and C Project C-37)		Little York Stormwater D	etention Basin (2018 Bond
ID#	063000473	Sponsor	larris County Flood Cont	rol District
RFPG re	commend? -		Reason for Re	commendation -



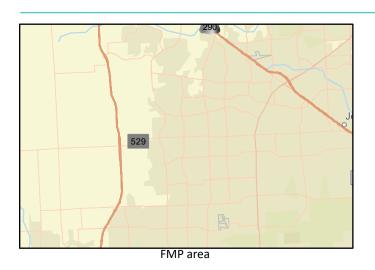
Project Description

This project includes three regional detention pond cells along Langham Creek within the Addicks Reservoir waterhsed to mitigate peak discharges expected with new development in the area.

Watershed HUC# (if kr	nown) -			Emergency Need? No				
Associated FME's				County Harris				
Associated FMS's -				Associated FMP's -				
Existing 100-Year F	lood Ris	k						
Flood risk type: R	liverine?	No	Coastal? No	Local? Yes	Playa? No	Other? No		
Population at risk 1,1	.74		# of structures 234		Critical facilities 1			

Farm/Ranch land impacted (acres) 13		Roadway(s) impacted (length) 6					
Number of low water crossings 0							
100-Year Flood Risk Reduction							
Population removed from 100-yr	0	# of structures removed from 100-yr	0				
Critical facilities removed from 100-yr	0	Farm/Ranch land removed from 100-yr (acres)					
Road removed from 100-yr (miles)	0	Low water crossings removed from 100-yr	0				
Other benefits _		Reduction in # of road closures over 10 years	0				
Impacts							
Negative impacts? No	Negative impacts description	-					
Water supply contributions? No	Water supply contribution description -						
Fatimented Cost							

Project Cost	\$2,553,000	% Nature-Based -	BCR 0.05
Recurring costs		Issues -	





nuc	Clear Creek N C-03 and F-03	•	sed on 20	012 GRR) Updated Plan (2018 Boi	nd Projects
ID#	063000474	Sponsor	Harris C	ounty Flood Control District	
RFPG re	commend? -			Reason for Recommendation	-



Project Description

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.

Watershed HUC#	# (if known) -			Emergency Need? No	Emergency Need? No						
				Drainage area (mi ² est.) 201							
Associated FME's	5_			County -							
Associated FMS's	5 -			Associated FMP's -							
Existing 100-Y	lear Flood Rig	sk									
Flood risk type:	: Riverine?	Yes	Coastal? No	Local? Yes	Playa? No	Other? No					
Population at ri	isk 57,612		# of structures	18,615	Critical facil	ities 144					
Farm/Ranch lar	nd impacted (ac	cres) 316		Roadway(s) impacted (length)	446						
Number of low	water crossing	gs 5		Historical road closures -							
100-Year Floo	d Risk Reduc	ction									
Population rem	oved from 100	-yr -		# of structures removed fro	om 100-yr	-					
Critical facilities	s removed from	100-yr _		Farm/Ranch land removed	from 100-yr (ac	res) -					
Road removed	from 100-yr (m	iles) _		Low water crossings remov	ed from 100-yr	-					
Other benefits	-			Reduction in # of road closu	ures over 10 yea	ars -					
Impacts Negative impac Water supply co Estimated Co	ontributions? <mark>N</mark>	-	ative impacts description ter supply contribution de								
Project Cost	\$295,267,680			% Nature-Based -	BCR 0.54						
Recurring costs	\$582,554			Issues -							
and Missouri City	288	Pasa	dena League City	tin		Houston					

FMP area

6

Regional view of FMP area

		0					,				•	SAN	JACINT	O REGIO	DNAL I	LOOD	PLANNI	NG GR	OUP
Title	Mainstem Ev	aluation Proj	ects - Hah	ıl Basin (2	2018 Bor	nd Proj	ject C-41)			•.	•	R	Ε	G	I	0	Ν		6
ID#	063000475	Sponsor	Harris Co	ounty Flo	od Cont	rol Dis	trict		L										
RFPG r	ecommend? -			Reaso	n for Rec	comme	endation	-											

Project Description

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.

# (if known) -			Emergency Need? No							
			Drainage area (mi² e	Drainage area (mi ² est.) 52						
5 _			County -							
s -			Associated FMP's -							
lear Flood Ris	k									
Riverine?	No	Coastal? No	Local? Yes	Playa? No	Other? No					
sk 13,690		# of structures 4	I,383	Critical facili	ities 23					
nd impacted (ac	res) 3		Roadway(s) impacted	Roadway(s) impacted (length) 33						
water crossings	2		Historical road closures -							
d Risk Reduc	tion									
oved from 100-	yr	-	# of structures removed from 100-yr 0							
removed from	100-yr	6	Farm/Ranch land	Farm/Ranch land removed from 100-yr (acres) -						
from 100-yr (mi	iles)	12	Low water crossin	gs removed from 100-yr	0					
-			Reduction in # of road closures over 10 years 0							
ts? No	0	Negative impacts description	-							
Water supply contributions? No Water supply contribution description -										
st										
\$40,780,000		9	% Nature-Based -	BCR 0.21						
	Riverine? isk 13,690 id impacted (ac water crossings id Risk Reduc roved from 100- s removed from from 100-yr (mi -	s - s - fear Flood Risk Riverine? No isk 13,690 Ind impacted (acres) 3 water crossings 2 od Risk Reduction noved from 100-yr s removed from 100-yr from 100-yr (miles) - ts? No ost	s	Image: Solution of the second seco	County - Drainage area (mi ² est.) 52 S - S - S - Associated FMP's - Vear Flood Risk - E: Riverine? No Coastal? Y # of structures 4,383 Critical facil Ind impacted (acres) 3 Roadway(s) impacted (length) Water crossings 2 Historical road closures - Historical road					

Recurring costs \$481,200





Title	<i>,</i> ,		Major Tributaries Regional Drainage Plan Update, 01 and Stuebner Airline Road (2018 Bond Projects
ID#	063000476	Sponsor	Harris County Flood Control District
RFPG re	commend? -		Reason for Recommendation -



Project Description

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.

Watershed HUC#	[#] (if known)	120401020	104		Emerg	jency Need?	No				
					Draina	age area (mi²	est.) 274				
Associated FME's	-				Count	y Harris					
Associated FMS's	-				Assoc	ated FMP's	-				
Existing 100-Y	ear Flood	Risk									
Flood risk type:	Riverine	e? Yes	Coasta	l? No	Loc	al? No		Playa? No		Other? No	
Population at ri	sk 0			# of structures	18,530			Critical facili	ties 144		
Farm/Ranch lan	d impacted	(acres) -			Roadwa	y(s) impacte	d (length)	448			
Number of low	water crossi	ngs 4			Historic	Historical road closures -					
100-Year Floo	d Risk Red	luction									
Population rem	oved from 1	00-yr	7070		# of	# of structures removed from 100-yr			1488		
Critical facilities	removed fr	om 100-yr	10		Fari	m/Ranch lan	d removed	from 100-yr (acr	res) -		
Road removed	from 100-yr	(miles)	22		Low	water cross	ings remov	ed from 100-yr	0		
Other benefits	-				Red	uction in # o	f road closu	ures over 10 yea	rs O		
Impacts											
Negative impact	ts?	No	Negative imp	acts descriptio	n	-					
Water supply co	ontributions	? -	Water supply	contribution d	escription	-					
Estimated Co	st										
Project Cost	\$345,329,9	84			% Nature-	Based 0		BCR 0.391			

Recurring costs \$20,921,852

lssues -

Image: second second



					•	SAN JACINTO REGIONAL FLOOD PLANNING GROUP							
Title	P118-E006 (Hardy West) (2018 Bond Project C-41)				••••	R	Ε	G			Ν	6	
ID#	063000477	Sponsor	Harris County Flood Control District										
RFPG re	commend? -		Reason for Recommendation	-									

Project Description

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.

Watershed HUC# (if known) -		Emergency Need? No								
		Drainage area (mi ² est.) 52								
Associated FME's 999999		County Harris								
Associated FMS's 999999		Associated FMP's 999999								
Existing 100-Year Flood Risk										
Flood risk type: Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No						
Population at risk 9,997	# of structures 3	8,665	25 3							
Farm/Ranch land impacted (acres) 0		Roadway(s) impacted (length)	23							
Number of low water crossings 1		Historical road closures 1								
100-Year Flood Risk Reduction										
Population removed from 100-yr	121	# of structures removed fro	61							
Critical facilities removed from 100-yr	0	Farm/Ranch land removed	5) -							
Road removed from 100-yr (miles)	1	Low water crossings remov	0							
Other benefits _		Reduction in # of road closures over 10 years		0						
Impacts										
Negative impacts? No	Negative impacts description	-								
Water supply contributions? No	Water supply contribution de	scription -								
Estimated Cost										

 Project Cost
 \$32,052,767
 % Nature-Based
 0
 BCR
 0.38

 Recurring costs
 \$709,154
 Issues
 -



