

FMS area

Regional view of FMS area



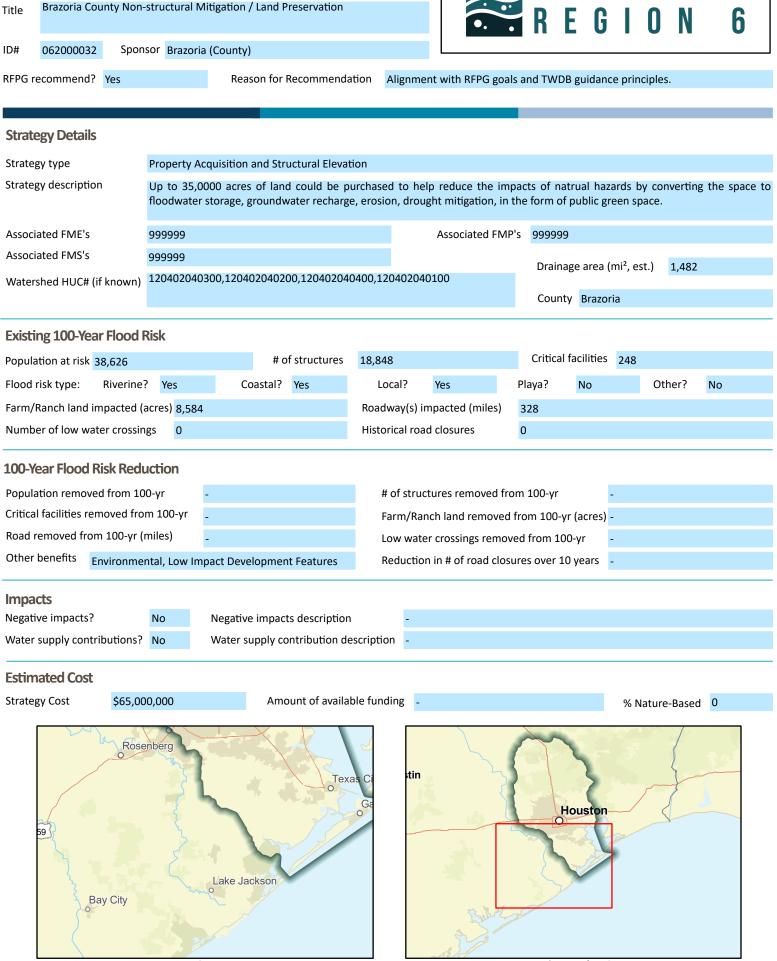
ID# 062000031 Sponsor Brazoria (County) RFPG recommend? Yes Reas

Title

Brazoria County Structure Elevation

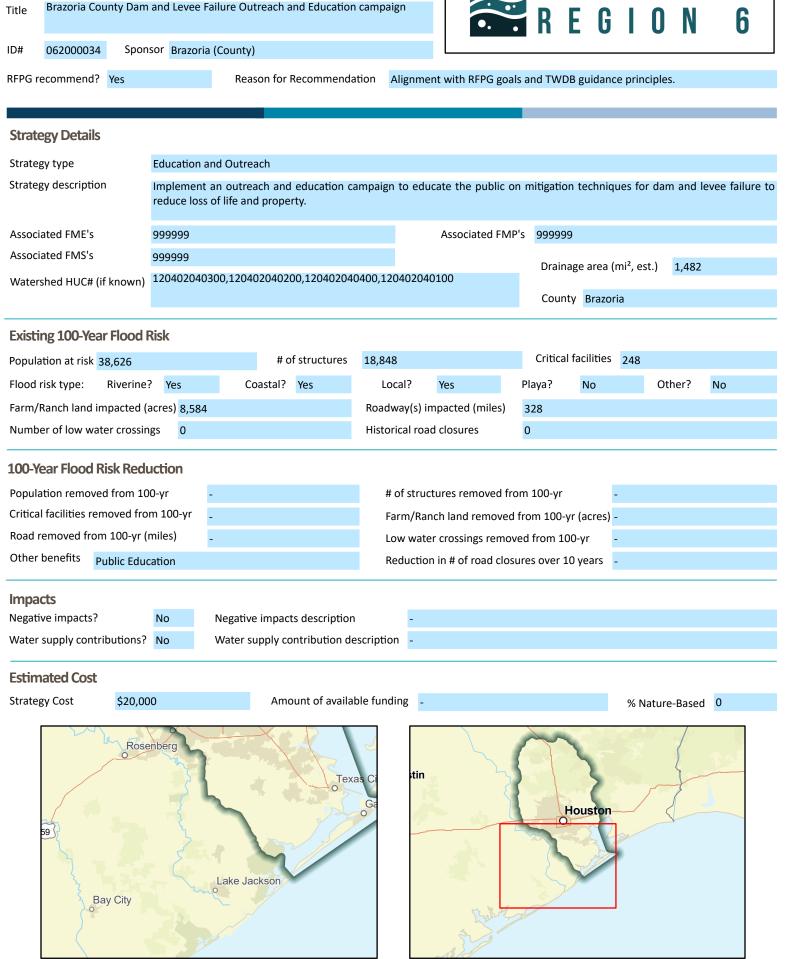
Reason for Recommendation

Strategy Details												
Strategy type	Property Acq	uisition and Str	uctural Elevat	tion								
Strategy description					ctures are pre-firm ntially damaged an							
Associated FME's	999999				Associated FMF	o's 999999						
Associated FMS's	999999	Drainage area (mi², est.) 1,482										
Watershed HUC# (if known)	12040204030	00,1204020402	mi-, es	t.) 1,482								
						Count	y Brazor	ria				
Existing 100-Year Flood I	Risk											
Population at risk 38,626		# c	f structures	18,848		Critical	facilities	248				
Flood risk type: Riverine	? Yes	Coastal?	Yes	Local?	Yes	Playa?	No		Other?	No		
Farm/Ranch land impacted (	acres) 8,584			Roadway(s)	impacted (miles)	328						
Number of low water crossin	igs O			Historical roa	ad closures	0						
100-Year Flood Risk Redu	uction											
Population removed from 10	0-yr -			# of stru	ctures removed fro	om 100-yr		-				
Critical facilities removed fro	m 100-yr 🛛 -			Farm/Ra	inch land removed	from 100-y	r (acres)	-				
Road removed from 100-yr (	miles) -			Low wat	er crossings remov	ed from 10	D-yr ·	-				
Other benefits				Reductio	on in # of road clos	ures over 10	) years	-				
Impacts												
Negative impacts?	No	Negative impac	ts description	ı -								
Water supply contributions?	No	Water supply co	ontribution de	escription -								
Estimated Cost												
Strategy Cost \$60,00	0,000	Amo	ount of availa	ble funding				% Na	ature-Based	0		
59 Bay City	FMS a	Lake Jackson	Tex	as Ci Ga			ouston					
	FIND d	i ca				Regional vie	W ULLING	aica				



FMS area

Regional view of FMS area



FMS area

Regional view of FMS area

Title Develop Applicable Plans and Studies to Address Hazard Mitigation in Galveston County



ID# 062000015 Sponsor Galveston (County)

RFPG recommend? Yes

Reason for Recommendation

Strategy Details												
Strategy type	Regulatory and G	Guidance										
Strategy description		needs annually to inclu Irought, GIS mapping, co										
Associated FME's	999999			Associated FN	1P's 99999	9						
Associated FMS's	999999	999 Drainage area (mi², est.) 665										
Watershed HUC# (if known)	120402040300,1	20402040200,12040204	40400,1204020	040100	Diain	age area (iiii )	, est.) 005					
					Coun	ty Galveston	۱					
Existing 100-Year Flood I	Risk											
Population at risk 102,742		# of structures	48,566		Critica	l facilities 68	30					
Flood risk type: Riverine	? Yes	Coastal? Yes	Local?	Yes	Playa?	No	Other?	No				
Farm/Ranch land impacted (	acres) 3,412		Roadway(s)	impacted (miles)	910							
Number of low water crossin	ngs 30		Historical ro	oad closures	30							
100-Year Flood Risk Redu	uction											
Population removed from 10				uctures removed f		-						
Critical facilities removed fro				anch land remove								
Road removed from 100-yr (	miles)			iter crossings remo								
Other benefits _			Reduct	ion in # of road clo	sures over 1	.0 years -						
Impacts												
Negative impacts?	No Neg	ative impacts descriptio	n -									
Water supply contributions?	No Wat	ter supply contribution o	lescription -									
Estimated Cost												
Strategy Cost \$100,0	000	Amount of avail	able funding	-		9	% Nature-Based	d O				
Pearland League	City Texas City Galv O	Anahuac National Wildli Refuge 87	fe			Houston Houston						
	rivis area				Regional VI	ew or rivis dre	50					

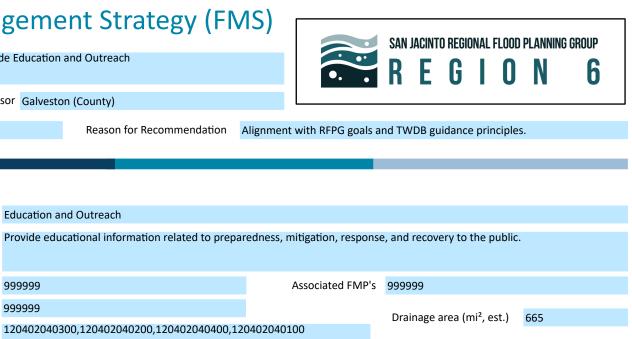
Galveston County-wide Education and Outreach

999999

999999

Sponsor Galveston (County)

**Education and Outreach** 



County Galveston, Harris

#### **Existing 100-Year Flood Risk**

Watershed HUC# (if known)

Title

ID#

062000018

RFPG recommend? Yes

**Strategy Details** 

Strategy description

Associated FME's

Associated FMS's

Strategy type

Population at risk 102,735			f structures	48,564Critical facilities680					
Flood risk type: Riverine? Ye	es	Coastal?	Yes	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (acres) 3,415				Roadway(s) in	npacted (miles)	910			
Number of low water crossings 30				Historical road	d closures	30			

#### **100-Year Flood Risk Reduction**

Population removed from 100-yr	-	# of structures removed from 100-yr -
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres) -
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr -
Other benefits Public Education		Reduction in # of road closures over 10 years -

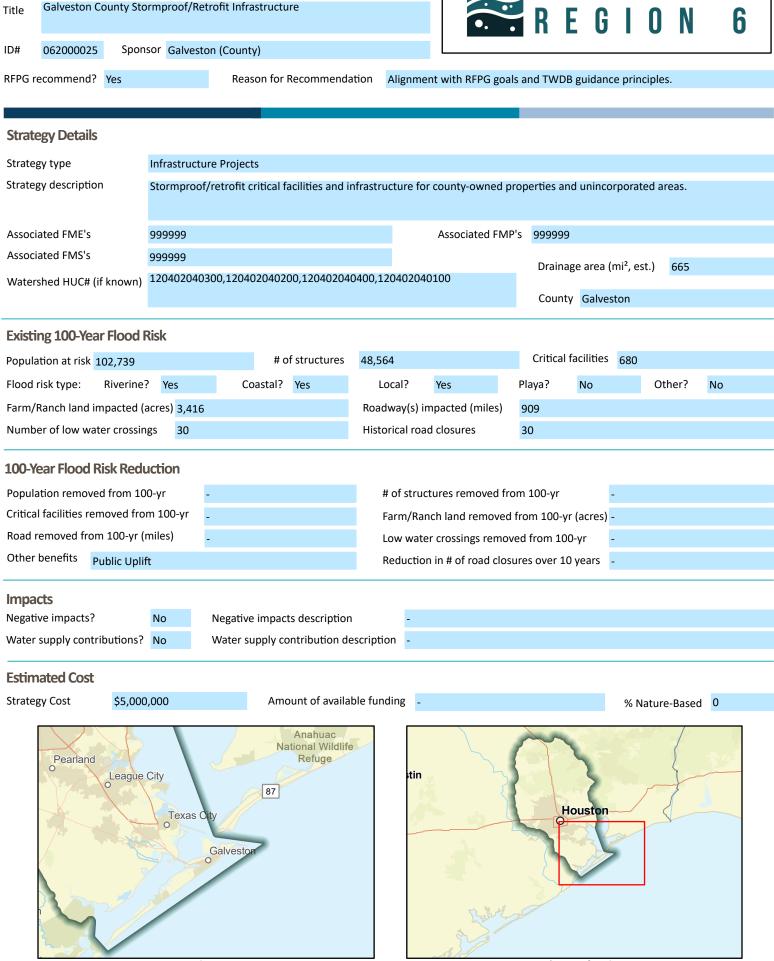
Impacts			
Negative impacts?	No	Negative impacts description	-
Water supply contributions?	No	Water supply contribution description	-

#### **Estimated Cost**

Strategy Cost



FMS area



FMS area

Regional view of FMS area

 Title
 Mitigate Repetitive Flood Claim & Severe Repetitive Loss Properties in Galveston County

 ID#
 052020261

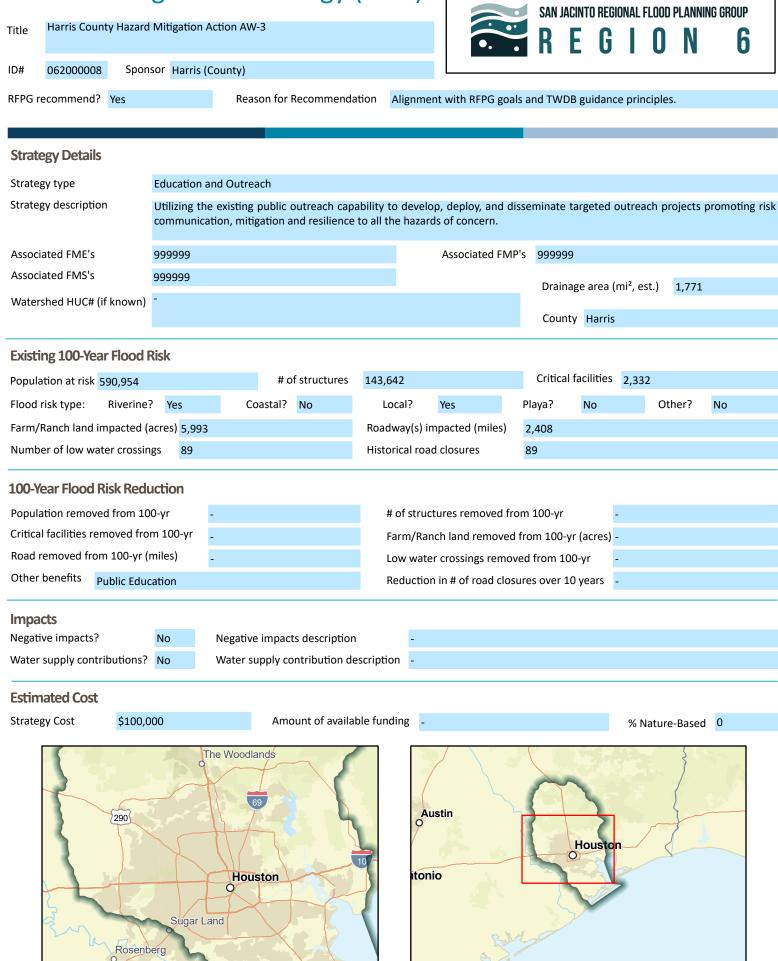


ID# 062000064 Sponsor Galveston (County)

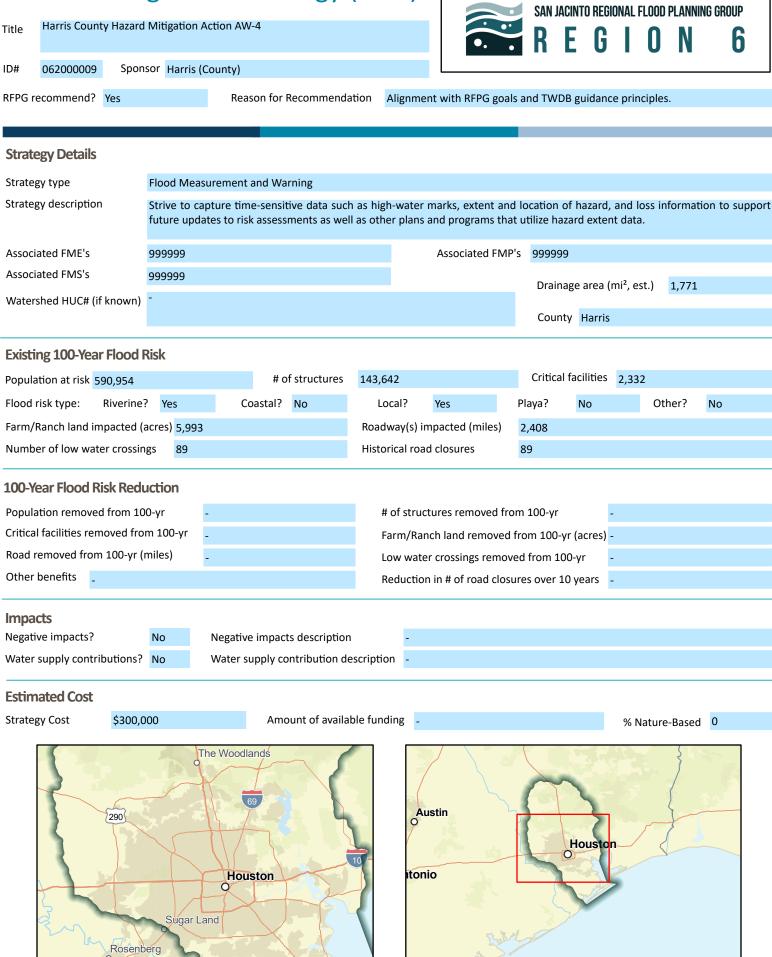
RFPG recommend? Yes

Reason for Recommendation

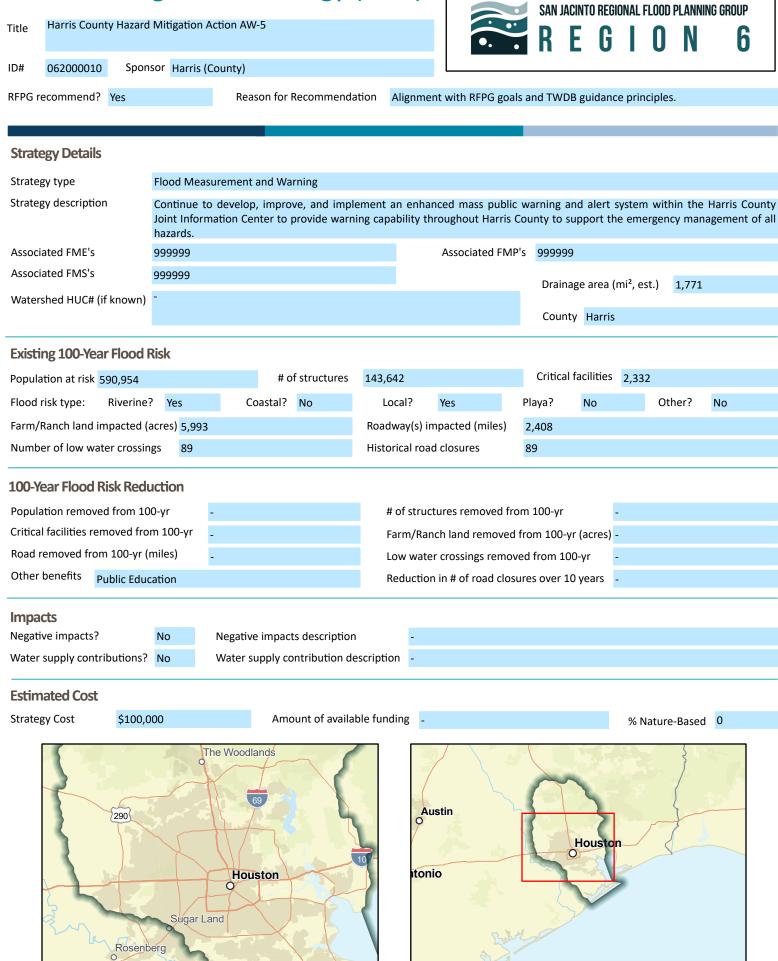
Strategy Details	
Strategy type Property Acquisition and Structural Elevation	
Strategy description Grant funding through HMGP may be used to mitigate RFC and SRL properties. Mitigation option w property owners as funding and opportunities arise.	will be implemented with
Associated FME's 999999 Associated FMP's 999999	
Associated FMS's 9999999 Drainage area (mi <sup>2</sup> , est	t.) 14
Watershed HUC# (if known) 120402040200	
County Galveston	
Existing 100-Year Flood Risk	
Population at risk 1,455 # of structures 829 Critical facilities 8	
Flood risk type: Riverine? Yes Coastal? Yes Local? Yes Playa? No	Other? No
Farm/Ranch land impacted (acres) 38 Roadway(s) impacted (miles) 31	
Number of low water crossings 1 Historical road closures 1	
100-Year Flood Risk Reduction	
Population removed from 100-yr - # of structures removed from 100-yr -	
Critical facilities removed from 100-yr acres) - Farm/Ranch land removed from 100-yr (acres) -	
Road removed from 100-yr (miles)	
Other benefits _ Reduction in # of road closures over 10 years -	
Impacts	
Negative impacts? No Negative impacts description -	
Water supply contributions?         No         Water supply contribution description         -	
Estimated Cost	
	ature-Based 0
Calveston FM 1765 La Marque Hitchcock	Beaumont



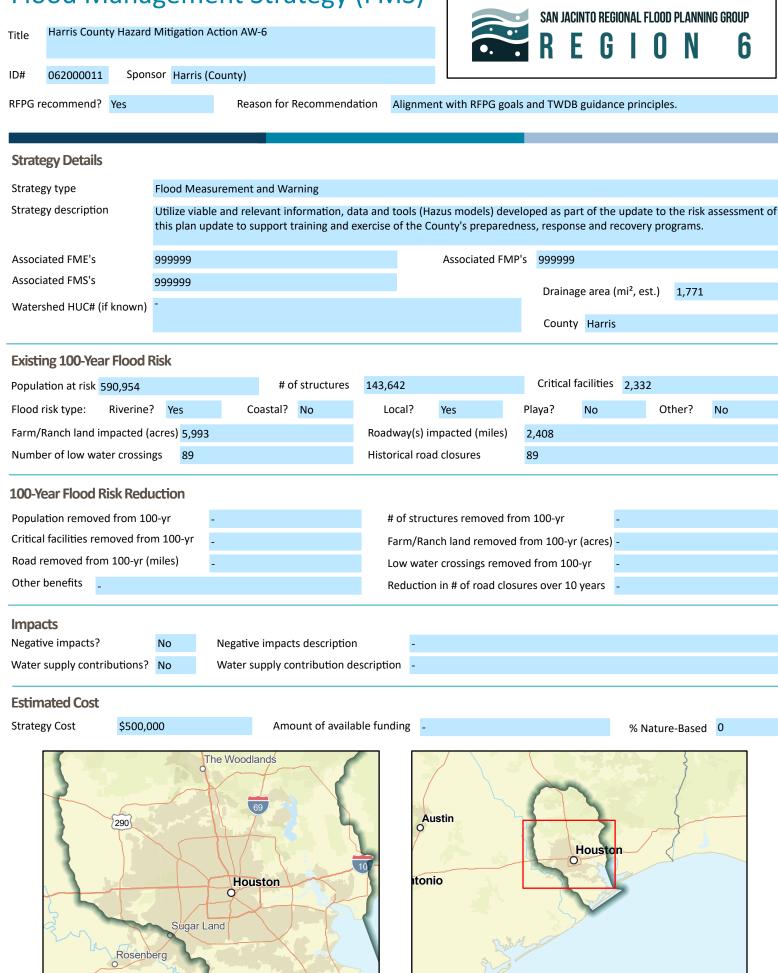
FMS area



FMS area



FMS area



									•	SAN	JACINT	O REGI	ONAL	FLOOD PLAN	INING GROUP
Title	Harris Count	ty Mitigat	tion Buyout	and Relo	cation Program			•.	•	R	Ε	G		<b>O</b> N	<b>6</b>
ID#	062000060	Spon	sor Harris	(County)											
RFPG ı	recommend?	Yes		Re	ason for Recommend	lation	Alignme	nt with RFPG go	als a	nd TW	/DB gu	iidanc	e prir	nciples.	
Strat	egy Details														
Strate	egy type		Property A	cquisitio	n and Structural Eleva	ation									
Strate	egy description	I			signed to assist owr sly deep in the flood										
Assoc	iated FME's		999999					Associated FN	/IP's	9999	99				
Assoc	iated FMS's		999999							Dra	inage	area (r	mi² e	est.) 1,77	71
Wate	rshed HUC# (if	known)	-							Dia	inage	ai e a (i	iii , e	.st.) <u>1</u> ,77	1
										Cοι	inty H	larris			
Exist	ing 100-Yeaı	Flood	Risk												
	ation at risk 5				# of structures	143,6	42			Critic	al faci	lities	2,33	32	
		Riverine	? Yes	(	Coastal? Yes	Lo	ocal?	Yes	P	laya?	N	lo		Other?	No
Farm/	Ranch land im	pacted (	acres) 5,993	3	_	Road	way(s) in	npacted (miles)	2	,408					
	per of low wate							d closures		, 9					
						·			-						
100-\	ear Flood R	isk Red	uction												
Popul	ation removed	d from 10	00-yr	-		#	of struc	tures removed f	rom	100-у	r	-			
	al facilities rem		-	-		F	arm/Ran	ch land remove	d fro	om 100	)-yr (a	cres) -			
	removed from	100-yr (	miles)	-		L	ow wate	r crossings remo	oved	from	100-yr				
Other	benefits Pu	ıblic Upli	ft			R	Reduction	n in # of road clo	osure	es over	<sup>-</sup> 10 ye	ars -			
Impa	acts														
-	ive impacts?		No	Negativ	ve impacts descriptio	n	-								
Water	r supply contri	butions?	No	Water	supply contribution o	lescriptic	on -								
	nated Cost	67F 00	0.000		Amount of avail	abla fund	ding								
Strate	egy Cost	\$75,00	10,000		Amount of avail	able func	ung -						% ľ	Nature-Bas	ed 0
	A A A A A A A A A A A A A A A A A A A	290 Rosent	Sugar L		69 Uston	19	Au	istin Io			Ho	pustor			A A

FMS area



ID# 062000040 Sponsor Waller (County)

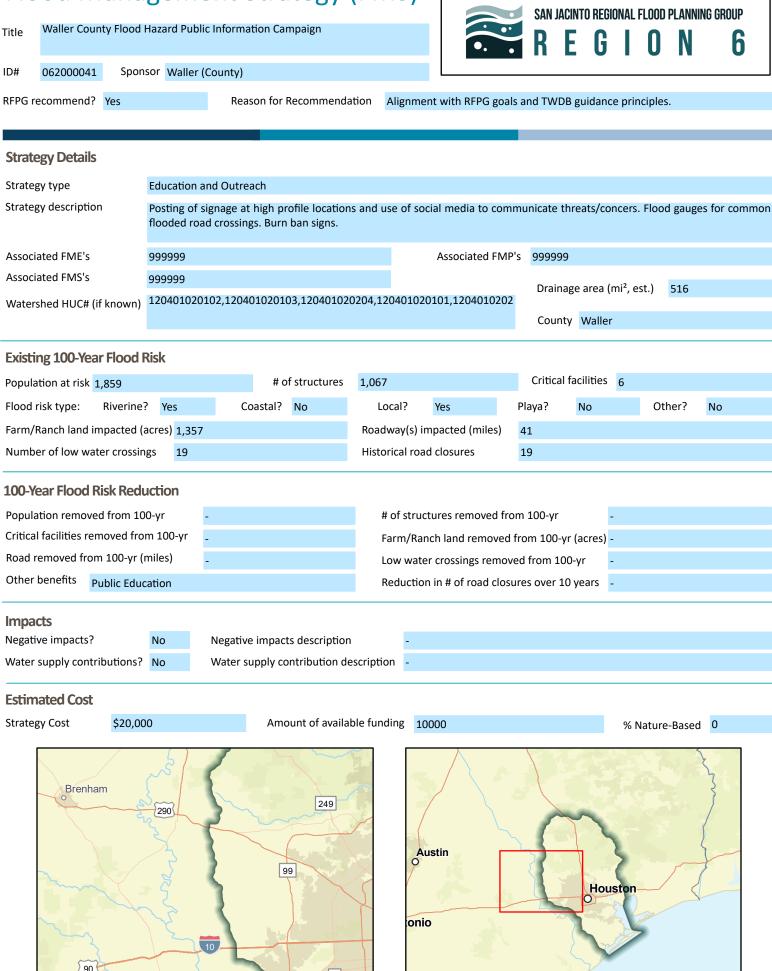
Waller County Drainage System Maintenance

RFPG recommend? Yes

Title

Reason for Recommendation

Strategy Details								
Strategy type	Infrastructure Pro	ojects						
Strategy description	Project will clear in all participatin	obstacles, widen and re g jurisdictions.	shape ditches,	, and upgrade cul	verts to resto	ore adequate di	rainage to m	itigate flooding
Associated FME's	999999			Associated FN	/IP's 99999	9		
Associated FMS's	999999				Durin		-+ ) 546	
Watershed HUC# (if known)	120401020102,1	20401020103,12040102	0204,1204010	20101,120401020		age area (mi², e	st.) 516	
					Coun	ty Waller		
Existing 100-Year Flood I	Risk							
Population at risk 1,859		# of structures	1,067		Critica	l facilities 6		
Flood risk type: Riverine	? Yes	Coastal? No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (	acres) 1,357		Roadway(s)	impacted (miles)	41			
Number of low water crossir	ngs 19		Historical ro	oad closures	19			
100-Year Flood Risk Redu	uction		_					
Population removed from 10			# of stru	uctures removed f	from 100-yr	-		
Critical facilities removed fro			Farm/R	anch land remove	ed from 100-	yr (acres) -		
Road removed from 100-yr (	miles) _		Low wa	ter crossings remo	oved from 10	00-yr -		
Other benefits			Reducti	on in # of road clo	osures over 1	.0 years -		
Impacts								
Negative impacts?	No Neg	ative impacts descriptior	ı -					
Water supply contributions?	No Wat	er supply contribution de	escription -					
Estimated Cost		_						
Strategy Cost \$2,500	),000	Amount of availa	ble funding	1250000		% 1	Nature-Based	1 0
Brenham	290) 10	249 99 6		Austin hio		Houston		
	FMS area				regional VI	ew of FMS area		

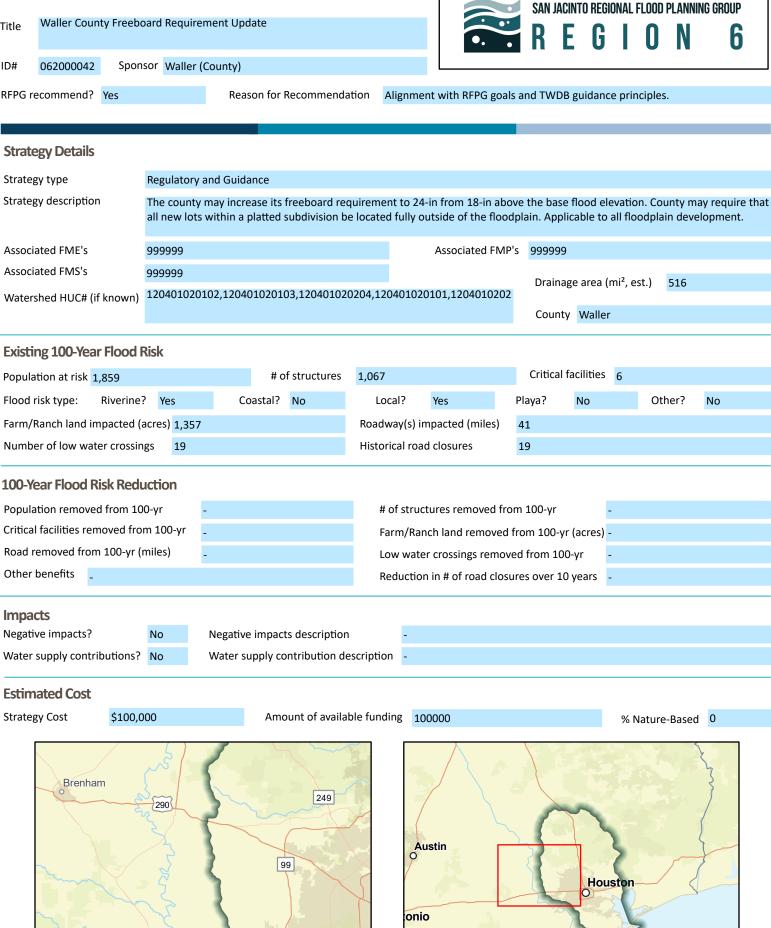


FMS area

6

Title

ID#



FMS area

6

10

90

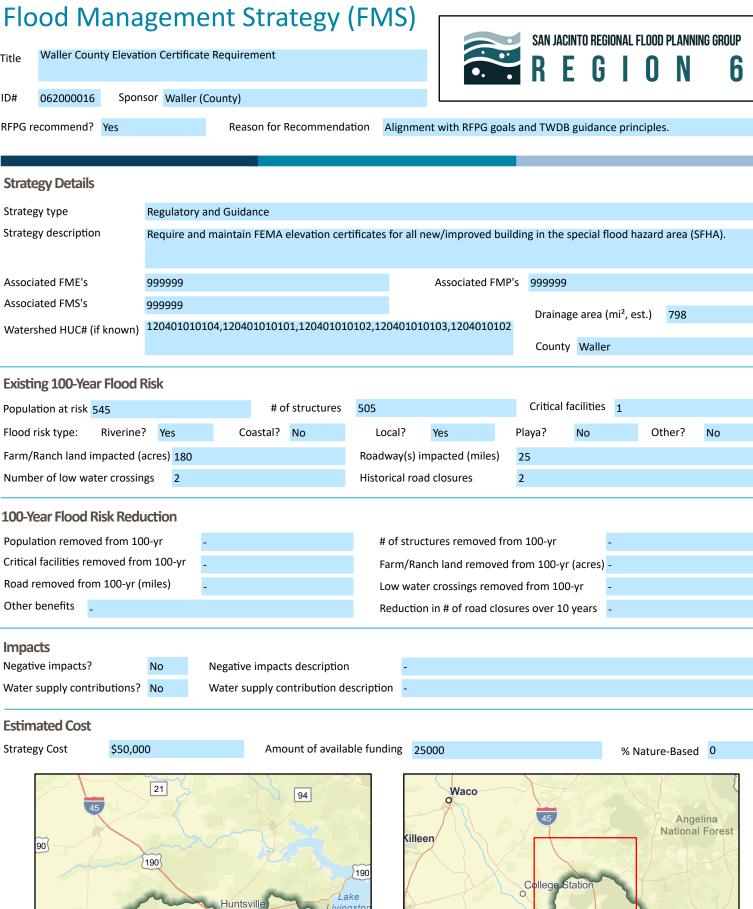
Title

ID#

Impacts

90

30



Livinasto

Sam Hous

National Fore

Austin

77

FMS area

45

Regional view of FMS area

99

The Woodlands

Houston

Bea



Title ID# 062000065 Sponsor Liberty (County)

Liberty County Regional Coordination

RFPG recommend? Yes

Reason for Recommendation

Strategy Details							
Strategy type	Other						
Strategy description	Work with adjo	ining counties rega	arding flooding	and drainage issues.			
				-			
Associated FME's	999999			Associate	d FMP's 9999	999	
Associated FMS's	999999				Dra	inage area (mi²,	est.) 1,170
Watershed HUC# (if known)	120401030201	,120401030108,12	0401030109,12	20401030205,12040	10304		, , -
					Cou	inty Liberty	
Existing 100-Year Flood F	Risk						
Population at risk 3,576		# of stru	ctures 3,619		Critic	cal facilities 8	
Flood risk type: Riverine?	Yes	Coastal? Yes	Lo	ocal? Yes	Playa?	No	Other? No
Farm/Ranch land impacted (a	acres) 1,379		Road	way(s) impacted (mi	les) 144		
Number of low water crossin	gs 7		Histo	rical road closures	7		
100-Year Flood Risk Redu	uction						
Population removed from 10	0-yr -		#	of structures remov	ved from 100-y	r -	
Critical facilities removed from	m 100-yr _			arm/Ranch land rem			
Road removed from 100-yr (r	niles) -		l	ow water crossings	removed from	100-yr -	
Other benefits _			F	Reduction in # of roa	d closures over	10 years -	
Impacts							
Negative impacts?	No Ne	gative impacts des	scription	-			
Water supply contributions?	NoW	ater supply contrib	ution description	on -			
Estimated Cost							
Strategy Cost \$500,0	00	Amount o	of available fun	ding -		%	Nature-Based 0
National Forest /oodlands			Big Th Natio Pres		College Station	The Woodlands	Beaumont

Expand Development of Emergency Notification System in Liberty County



ID# 062000023 Sponsor Liberty (County)

Title

RFPG recommend? Yes

Reason for Recommendation

Education and Outrea	ch										
Expand development	of emergency notif	ication system/	work to establish	public awar	eness of emerg	ency notifica	tion process.				
999999			Associated FN	/IP's 99999	9						
999999	9999										
120401030201,12040	1030108,12040103	0109,1204010	30205,12040103	04 Drain	age area (mi², e	st.) 1,170					
				Coun	ty Liberty						
Diele											
RISK				Critical	facilities						
			_		_						
	astal? No				No	Other?	No				
				144							
ngs 7		Historical ro	ad closures	7							
uction											
		# of stru	ictures removed	from 100-vr							
					vr (acres) -						
			_								
					,						
No Negative	impacts description	n -									
No Water su	pply contribution d	escription -									
10	Amount of availa	ble funding			0/	latura Paca	4 0				
		3ig Tł Natii Pres	Colle	11	ne Woodlands Houston	Beaum	hont				
	Expand development         9999999         120401030201,12040         Risk         Risk         ? Yes       Co         acres)       1,379         ngs       7         00-yr       -         m100-yr       -         miles)       2         xuttor       -         xutor       -      -	9999999 9999999 120401030201,120401030108,12040103 Risk # of structures ? Yes Coastal? No acres) 1,379 ngs 7 	Expand development of emergency notification system/ 9999999 120401030201,120401030108,120401030109,1204010 Risk # of structures 3,617 ? Yes Coastal? No Local? acres) 1,379 Roadway(s) hgs 7 Historical ro uction No Negative impacts description - No Water supply contribution description - No Amount of available funding -	Expand development of emergency notification system/work to establish 999999 120401030201,120401030108,120401030109,120401030205,12040103 Risk # of structures 3,617 ? Yes Coastal? No Local? Yes acres) 1,379 Roadway(s) impacted (miles) gs 7 Historical road closures Uction 100-yr endition Historical road closures Low water crossings rem Reduction in # of road clo No Negative impacts description No Mater supply contribution description No Amount of available funding O Amount of available funding Collegee	Expand development of emergency notification system/work to establish public awar 999999 Associated FMP's 99999 120401030201,120401030108,120401030109,120401030205,1204010302 Coun Risk  # of structures 3,617 Critica  r ves Coastal? No Local? Ves Playa? acres) 1,379 Roadway(s) impacted (miles) 144 Historical road closures 7 uction 00-yr Commiles) Curve Farm/Ranch land removed from 100-yr Mo Negative impacts description No Mater supply contribution description	Expand development of emergency notification system/work to establish public awareness of emerg 999999 Associated FMP's 999999 Drainage area (mi <sup>2</sup> , e County Liberty Risk # of structures 3,617 Critical facilities 8 ? Yes Coastal? No Local? Yes Playa? No acres) 1,379 Roadway(s) impacted (miles) 144 Historical road closures 7 uction 100-yr - # of structures removed from 100-yr - miles) - Low water crossings removed from 100-yr - Eation Reduction in # of road closures over 10 years - No Negative impacts description - No Water supply contribution description - No Meative impacts description - No Mea	Expand development of emergency notification system/work to establish public awareness of emergency notification system/work s				

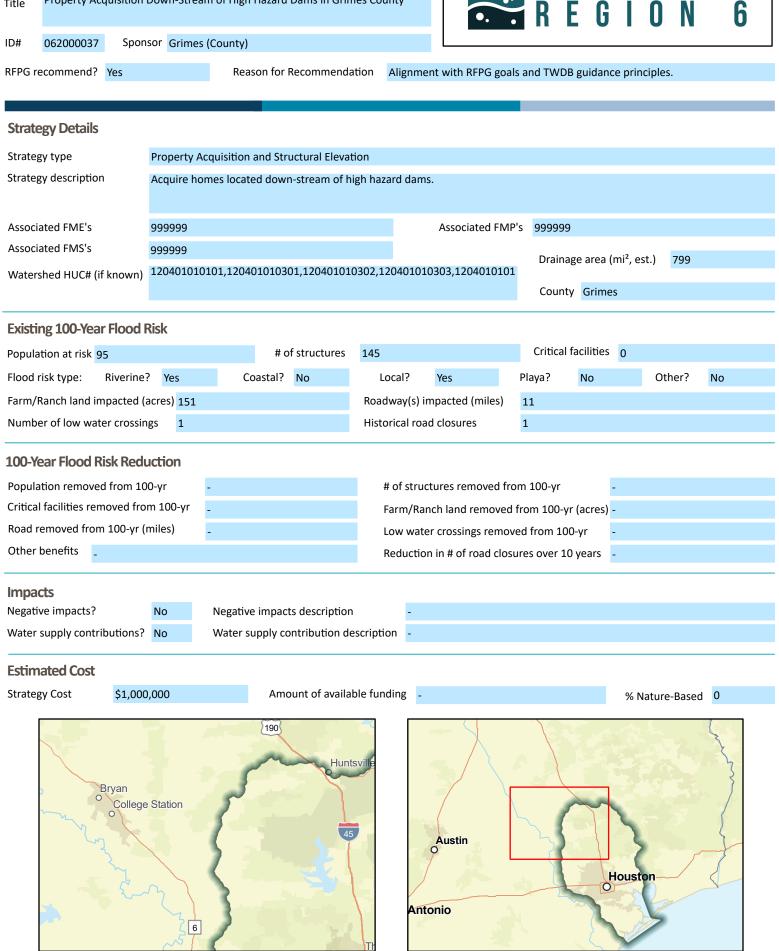


Liberty County Floodplain Acquistion Title ID# 062000055 Sponsor Liberty (County) RFPG recommend? Yes Reason for Recommendation Alignment with RFPG goals and TWDB guidance principles. **Strategy Details** Property Acquisition and Structural Elevation Strategy type Strategy description Acquisition of property in the floodplain. Associated FMP's Associated FME's 999999 999999 Associated FMS's 999999 Drainage area (mi<sup>2</sup>, est.) 665 120402040300,120402040200,120402040400,120402040100 Watershed HUC# (if known) County Liberty **Existing 100-Year Flood Risk** Critical facilities 681 Population at risk 102,755 # of structures 48,570 Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Farm/Ranch land impacted (acres) 3,412 Roadway(s) impacted (miles) 910 Number of low water crossings 30 Historical road closures 30 **100-Year Flood Risk Reduction** Population removed from 100-yr # of structures removed from 100-yr Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years Impacts Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description \_ **Estimated Cost** Strategy Cost \$750,000 Amount of available funding % Nature-Based 0 Anahuac National Wildlife Refuge Pearland tin League City 87 Houston Texas O Galveston

FMS area

Title

Property Acquisition Down-Stream of High Hazard Dams in Grimes County



FMS area

Regional view of FMS area



ID# 062000035 Sponsor Grimes (County)

Title

RFPG recommend? Yes

Amending Grimes County Floodplain Ordinance

Reason for Recommendation

Regulatory and Gui	dance						
Prohibit the buildin	g of any new structur	es located dov	wn-stream of high h	azard dams	by amending t	he floodplain	ordinance.
			-				
999999			Associated FM	P's 99999	9		
999999				Drain	ago aroa (mi² d	act ) 700	
120401010101,120	401010301,12040101	10302,120401	010303,120401010			/55	
				Coun	ty Grimes		
isk							
	# of structures	145		Critica	l facilities 0		
Yes	Coastal? No	Local?	Yes	Playa?	No	Other?	No
cres) 151		Roadway(s	s) impacted (miles)	11			
s 1		Historical r	road closures	1			
ction							
-yr -		# of st	ructures removed fr	om 100-yr	-		
100-yr _		Farm/	Ranch land removed	from 100-	yr (acres) -		
iles) _		Low w	ater crossings remo	ved from 10	00-yr -		
		Reduc	tion in # of road clos	sures over 1	.0 years -		
No Negati	ve impacts description	n -					
_							
	Amount of availa	able funding	-		%	Nature-Basec	0
Station 6		5	Austin	Beginnal vi		Sa	
	Prohibit the building         1999999         20401010101,120         sk         Yes         151         s         151         sition         -yr         100-yr         iles)         No         Negative         No         Station	Prohibit the building of any new structur 1999999 20401010101,120401010301,12040101 sk # of structures Yes Coastal? No res) 151 s 1 tion -yr - 100-yr - 100-yr - iles) - No Negative impacts description Water supply contribution d Amount of availa	rrohibit the building of any new structures located dor 199999 20401010101,120401010301,120401010302,120401 sk # of structures 145 Yes Coastal? No Local? res) 151 Roadway(s s 1 Historical n tion yr	rohibit the building of any new structures located down-stream of high h 99999 20401010101,120401010301,120401010302,120401010303,120401010  sk  # of structures 45  Yes Coastal? No Local? Yes Roadway(s) impacted (miles) s 1  No Yr Coastal? No Local? Yes Roadway(s) impacted (miles) Historical road closures  tion Yr Coastal? No Local? Yes Roadway(s) impacted (miles) S  Amount of available funding Amount of available funding Amount of available funding	rohibit the building of any new structures located down-stream of high hazard dams Associated FMP's 99999 Prain 20401010101,120401010301,120401010302,120401010303,1204010103 Sk for f structures 145 Critica res Coastal? No Local? Yes Playa? res) 151 Roadway(s) impacted (miles) 11 Historical road closures 1 tion yr	rohibit the building of any new structures located down-stream of high hazard dams by amending t 199999 Associated FMP's 999999 Drainage area (m <sup>2</sup> , 4 County Grimes Sk # of structures 145 Critical facilities 0 Yes Coastal? No Local? Yes Playa? No res) 151 Roadway(s) impacted (miles) 11 Historical road closures 1 tion yr - Farm/Ranch land removed from 100-yr - Reduction in # of structures removed from 100-yr (acres) - Low water crossings removed from 100-yr - Reduction in # of road closures over 10 years - No Negative impacts description No Water supply contribution description - No Water supply contribution description - No Megative impacts description - Megative impacts description - Me	rohibit the building of any new structures located down-stream of high hazard dams by amending the floodplain 99999 Associated FMP's 999999 20401010101,120401010301,120401010302,120401010303,1204010101 County Grimes Sk # of structures 145 Critical facilities 0 Yes Coastal? No Local? Yes Playa? No Other? res) 151 Roadway(s) impacted (miles) 1 s 1 Historical road closures 1 tion yr - Farm/Ranch land removed from 100-yr - Farm/Ranch land removed from 100-yr - Reduction in # of road closures over 10 years - No Negative impacts description No Water supply contribution description No Water supply contribution description Amount of available funding - % Nature-Based



ID# 062000036 Sponsor Grimes (County)

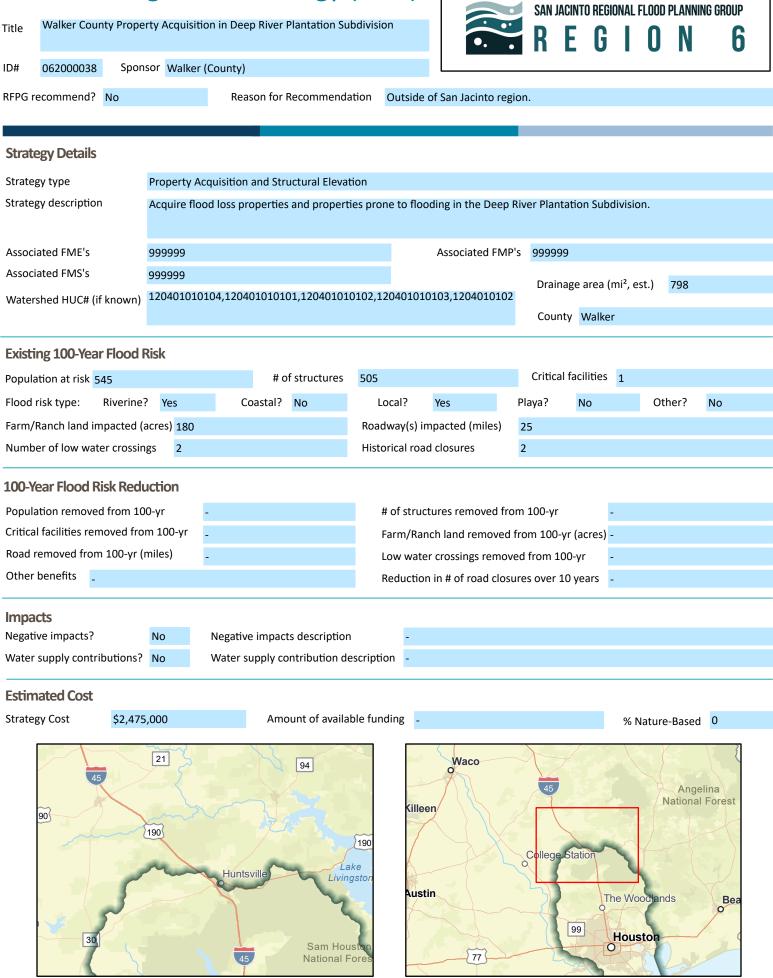
**Grimes County Property Acquisition** 

Title

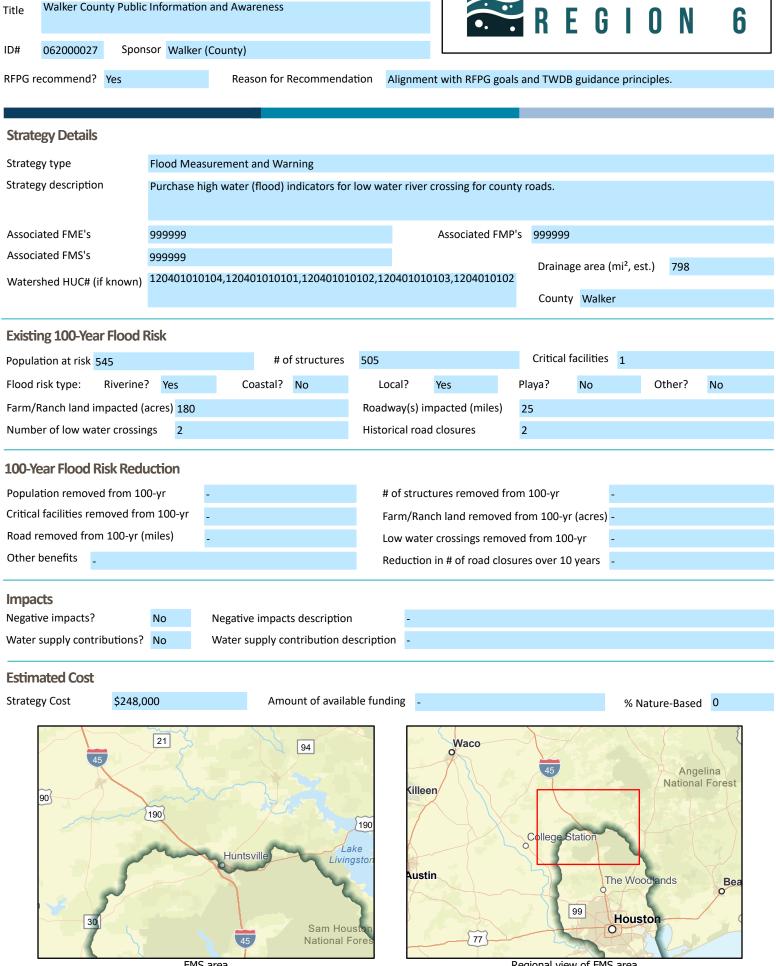
RFPG recommend? Yes

Reason for Recommendation

Strategy Details									
Strategy type	Property Ac	quisition and Sti	uctural Eleva	tion					
Strategy description	Per NFIP pa	rticipation, the a	cquisition of	structures locat	ed in the 100-year	flood plain	and in dam inu	Indation are	as.
Associated FME's	999999				Associated FMP	o's 999999	)		
Associated FMS's	999999					Dusia		-+ ) 700	
Watershed HUC# (if known)	1204010101	101,1204010103	01,12040101	.0302,12040101	.0303,1204010101	Draina	nge area (mi², e	st.) 799	
, , , , , , , , , , , , , , , , , , ,						Count	y Grimes		
	<b>.</b>								
Existing 100-Year Flood I	Risk		_				<b>6</b> 1111		
Population at risk 95		# (	of structures	145		Critical	facilities 0		
Flood risk type: Riverine	? Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (a	acres) 151			Roadway(s) i	mpacted (miles)	11			
Number of low water crossin	gs 1			Historical roa	ad closures	1			
100-Year Flood Risk Redu	uction								
				ll a fratain		100	_		
Population removed from 10		-			ctures removed fro		-		
Critical facilities removed fro Road removed from 100-yr (		-			nch land removed				
Other benefits	innes)	-			er crossings remov				
				Reductio	on in # of road clos	ures over 10	0 years -		
Impacts									
Negative impacts?	No	Negative impac	ts descriptior	י ו -					
Water supply contributions?	No	Water supply c	ontribution d	escription -					
Estimated Cost		_							
Strategy Cost \$95,00	0	Am	ount of availa	ble funding -			% N	lature-Based	1 0
Bryan College	e Station	(190)	Hun	tsville	Austin	Regional vie	Houst ew of FMS area	on	for any of the second s

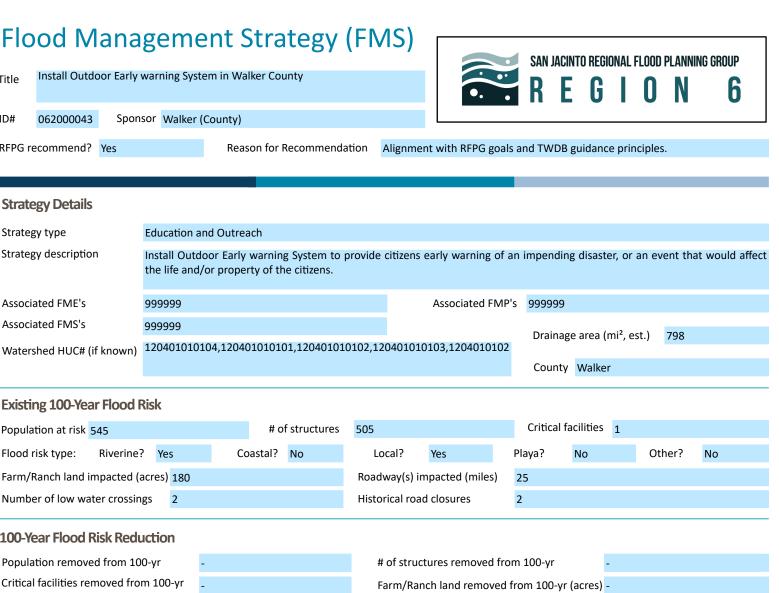


FMS area



FMS area

Regional view of FMS area



Impacts		
Other benefits Public Education		Reduction in # of road closures over 10 years -
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr -
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres) -
Population removed from 100-yr	-	# of structures removed from 100-yr -
100-Year Flood Risk Reduction		

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

#### **Estimated Cost**

Title

ID#

062000043

RFPG recommend? Yes

**Strategy Details** 

Strategy description

Associated FME's

Associated FMS's

Watershed HUC# (if known)

Population at risk 545

Flood risk type:

**Existing 100-Year Flood Risk** 

Number of low water crossings

Riverine?

Strategy type

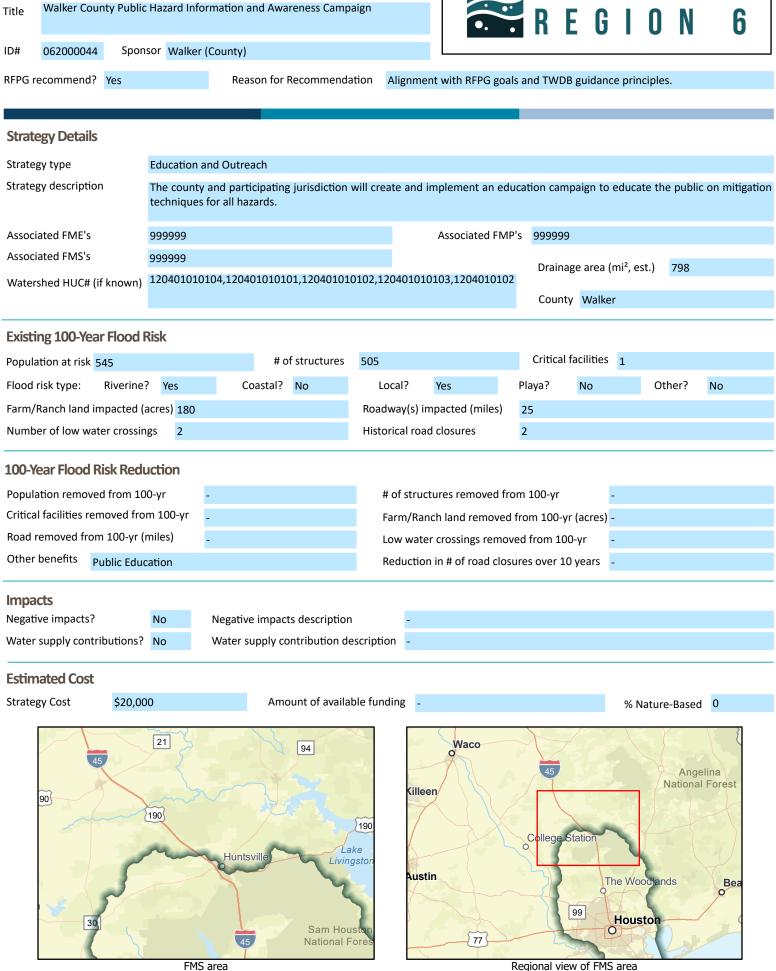
Strategy Cost

\$850,000 Amount of available funding 21 Waco 94 O Killeen 90 190 190 College Station Lake Huntsvil Livinasto Austin 99 30 Sam Hous . 45 77 ( National Fore



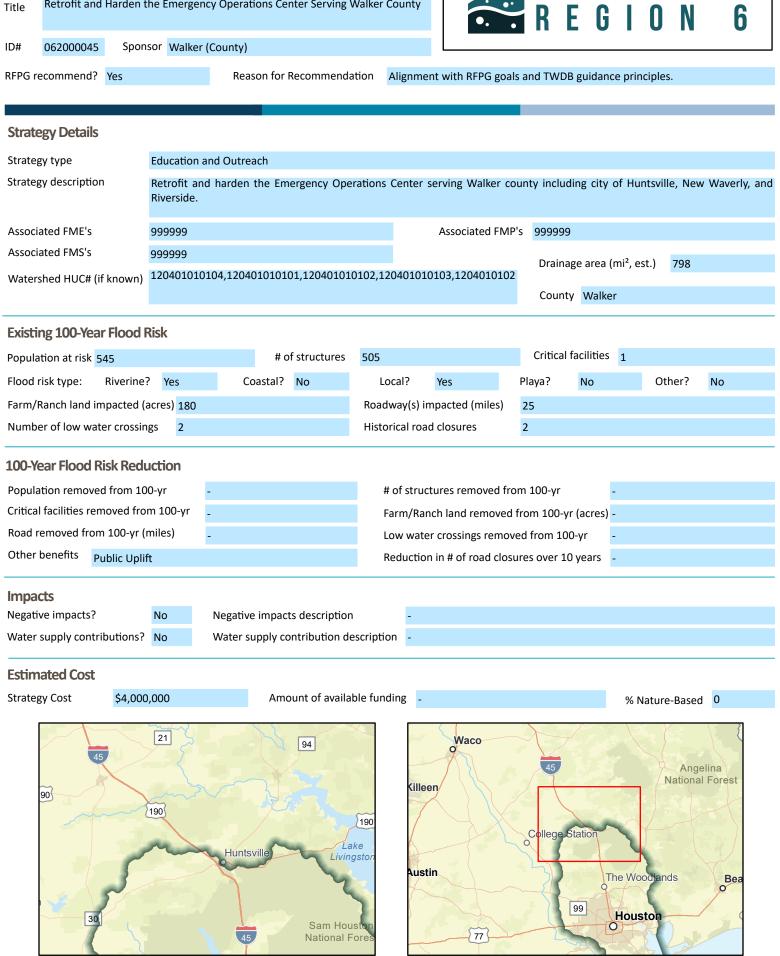
% Nature-Based 0

FMS area



Regional view of FMS area

Retrofit and Harden the Emergency Operations Center Serving Walker County



FMS area

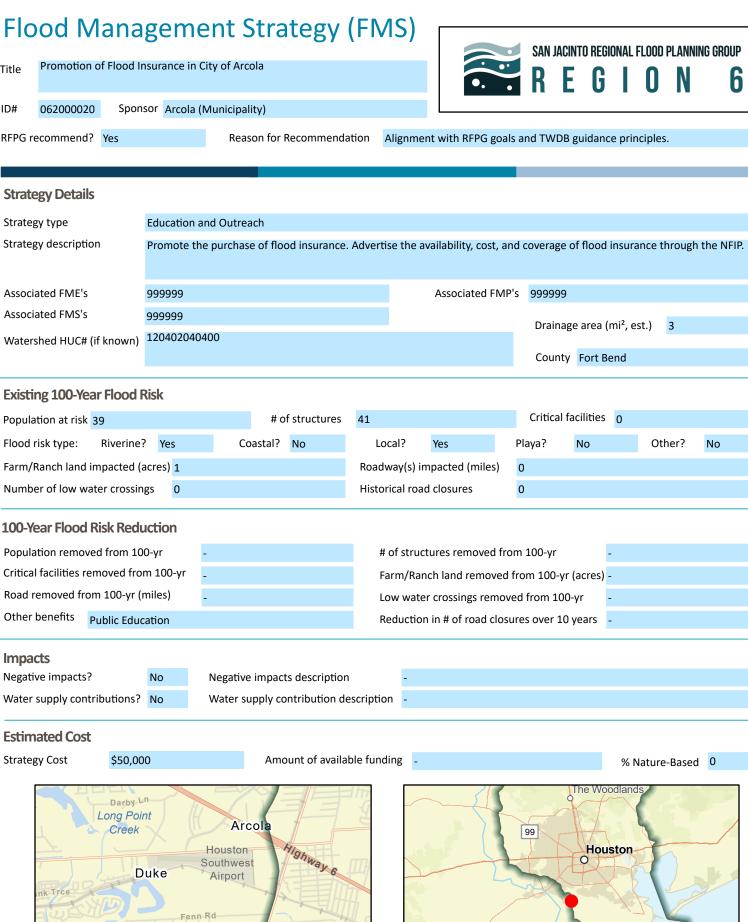
Regional view of FMS area

					Strategy	(			SAN	I JACINI	O REG	IONAL I	FLOOD P	LANNI	NG GROUP
Title	Harris Coun	ty Wide V	/oluntary Bu	yout Pro	ogram			•.	R	E	G	Т	0	N	6
ID#	062000063	Spon	sor Harris (	County F	lood Control District										
RFPG r	ecommend?	Yes		Re	ason for Recommenda	ation Alignme	ent w	vith RFPG goa	lls and T\	NDB gi	uidano	ce prin	ciples.		
Strate	egy Details														
Strate	gy type		Property A	cquisitic	n and Structural Eleva	tion									
Strate	gy descriptior	ו			youts to reduce flood not cost-effective and		reas	several feet	deep in	the fl	oodpl	ain wl	here st	ructu	ral projects
Associ	iated FME's		999999				A	ssociated FMI	P's 999	999					
Associ	iated FMS's		999999						Dra	ainage	area (	mi². e	st.) 1	l,771	
Water	shed HUC# (i	f known)	-										,	_,, , _	
									Co	unty	Harris				
Existi	ing 100-Yea	r Flood I	Risk												
Popula	ation at risk 5	90,954			# of structures	143,642			Criti	cal fac	ilities	2,33	2		
Flood	risk type:	Riverine	? Yes		Coastal? Yes	Local?	Ye	S	Playa?	٢	10		Othe	er?	No
Farm/	Ranch land in	npacted (	acres) 5,993	}		Roadway(s) ir	mpa	cted (miles)	2,408						
Numb	er of low wat	er crossir	igs 89			Historical roa	nd clo	osures	89						
100_V	ear Flood R	ick Rodu	uction												
	ation remove					# of strue	rture	es removed fro	om 100-v	vr					
	al facilities ren		-					and removed			cres)	_			
	removed fron		-	_				ossings remov				-			
	benefits _							# of road clos				-			
											_				
Impa						_									
	ive impacts?		No	_	ve impacts description										
Water	supply contri	ibutions?	No	Water	supply contribution de	escription -									
Estim	nated Cost														
Strate	gy Cost	\$500,0	000,000		Amount of availa	ble funding -						% N	lature-l	Based	0
		290 Rosent	Sugar L	- 9	69 Juston	Anonition	5			He	pusto	n			

FMS area

Title

ID#



Coen Rd S Pine St Hawdon

on



FMS area

										SAN .	JACINTO	) REGIO	)NAL FL	.00D PLAN	NING GROUP
Title	Increase Pub	olic Aware	eness of Ha	izards in	City of Ar	cola			•.	R	Ε	G	I.	O N	6
ID#	062000022	Spon	sor Arcola	(Munici	ipality)										
RFPG I	recommend?	Yes		R	eason for	Recommend	ation Alignr	ment v	with RFPG go	oals and TW	/DB gui	idance	e princ	iples.	
Strat	tegy Details														
Strate	egy type		Education	and Out	treach										
Strate	egy description	1	Increase p	ublic av	vareness c	of hazards and	d hazardous ar	reas. E	Distribute pu	blic awaren	ess inf	ormat	tion reį	garding flo	ood hazards.
Assoc	ciated FME's		999999					А	Associated FN	MP's 9999	99				
Assoc	ciated FMS's		999999							Drai	nage a	rea (n	ni², est	t.) 3	
Wate	rshed HUC# (if	<sup>:</sup> known)	120402040	0400										, 3	
										Cou	inty Fo	ort Be	end		
Exist	ing 100-Yea	<sup>-</sup> Flood F	Risk												
Popul	lation at risk 3	9			# 0	of structures	41			Critic	al facil	ities	0		
Flood	risk type:	Riverine	? Yes		Coastal?	No	Local?	Ye	′es	Playa?	No	D		Other?	No
Farm/	/Ranch land im	pacted (a	acres) 1				Roadway(s	;) impa	acted (miles)	0					
Numb	ber of low wate	er crossin	igs O				Historical r	oad cl	losures	0					
100-\	Year Flood R	isk Redu	uction												
	lation removed			-			# of str	ructur	res removed	from 100-vi	r				
	al facilities rem		-	-					land remove			res) -			
	removed from		-	-					rossings rem						
		ublic Educ							n # of road clo						
Ime	acte														
Impa Negat	acts tive impacts?		No	Nega	tive impac	cts description	า -								
-	r supply contri	butions?		_		ontribution d									
	nated Cost				_										
Strate	egy Cost	\$50,00	0		Am	ount of availa	able funding	-					% Na	ature-Base	ed 0
	ink Tree a on	Darby L Long Poin Creek	nt Puke	Houst Southv Airpo		Righway 6 Coen Rd 5 Pine St			59	99	1	Hous	ston		

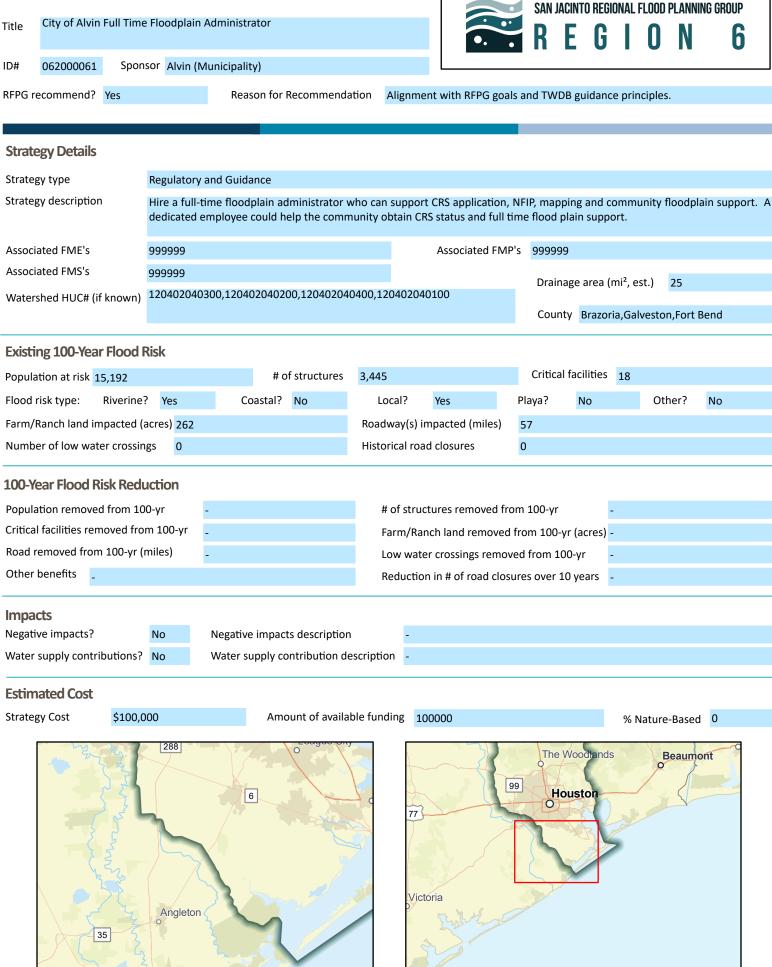
FMS area



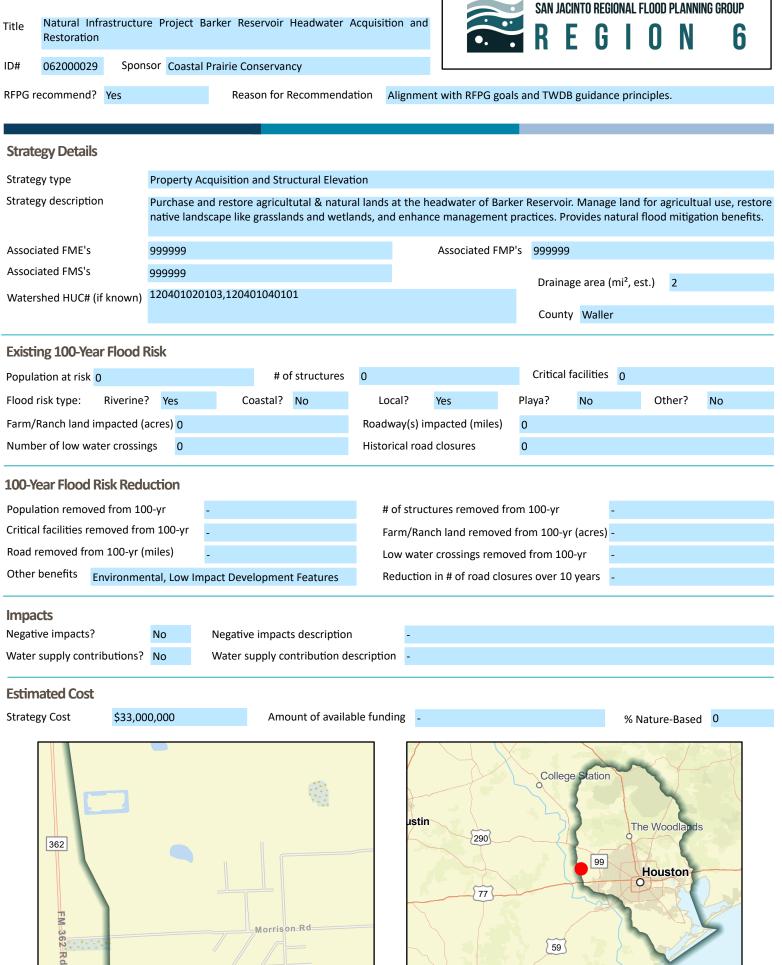
City of Alvin CRS Application Title ID# 062000012 Sponsor Alvin (Municipality) RFPG recommend? Yes Reason for Recommendation Alignment with RFPG goals and TWDB guidance principles. **Strategy Details** Other Strategy type Strategy description Apply and once accepted maintain and/or improve CRS status. Cost is time, data and preparation of a CRS application. Benefit, if approved homeowner with flood insurance could receive a discount based on the City's CRS score. Associated FME's 999999 Associated FMP's 999999 Associated FMS's 999999 Drainage area (mi<sup>2</sup>, est.) 16 120402040200,120402040400,120402040100 Watershed HUC# (if known) County Brazoria **Existing 100-Year Flood Risk** Critical facilities 18 Population at risk 15,209 # of structures 3,428 Flood risk type: Riverine? Yes Coastal? No Local? Yes Playa? No Other? No Farm/Ranch land impacted (acres) 176 Roadway(s) impacted (miles) 52 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 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years Impacts Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$25,000 Amount of available funding 25000 % Nature-Based 0 The Woodlands Beaumont 99 Highway-6 Houston 77 N FM 517 Alvin E Highway 6 Victoria

FMS area

1462



FMS area



FMS area

	unu	8011	CITC	Strategy	(1110)		SAN J/	ACINTO	<b>REGION</b>	AL FLOOD	PLANN	ING GROUP
Title Natural Infra	structure	e Project Mo	ound Cree	k Conservation		•.	R	Ε	G	0	Ν	6
ID# 062000030	Spon	sor Coasta	l Prairie C	onservancy								
RFPG recommend?	Yes		Rea	ason for Recommend	ation Alignment	with RFPG goa	als and TWI	DB guid	dance p	rinciple	s.	
Strategy Details												
Strategy type		Property A	cquisition	and Structural Eleva	tion							
Strategy description				on easement from la ed agriculutural land								
Associated FME's		999999				Associated FM	P's 99999	99				
Associated FMS's		999999					Drain	nage ar	ea (mi²	est.)	3	
Watershed HUC# (if	known)	120401020	)103,1204	01020101							5	
							Cour	nty <mark>H</mark> a	nrris,Wa	ller		
Existing 100-Year	Flood F	Risk										
Population at risk 0				# of structures	0		Critica	al facilit	ties 0			
Flood risk type:	Riverine	? Yes	C	oastal? No	Local?	Yes	Playa?	No		Ot	her?	No
Farm/Ranch land im	pacted (a	acres) 41			Roadway(s) imp	pacted (miles)	0					
Number of low wate	er crossin	igs O			Historical road	closures	0					
100-Year Flood Ri	sk Redu	uction										
Population removed	l from 10	10-yr	-		# of structu	ires removed fr	om 100-yr		-			
Critical facilities rem	oved fro	m 100-yr	-		Farm/Ranc	h land removed	d from 100-	yr (acr	es) -			
Road removed from	100-yr (i	miles)	-		Low water	crossings remo	ved from 1	00-yr	-			
Other benefits En	vironme	ntal			Reduction i	n # of road clos	sures over 2	10 yea	rs -			
Impacts Negative impacts? Water supply contrib	outions?	No No	U	e impacts description supply contribution d								
Estimated Cost												
Strategy Cost	\$32,00	0,000		Amount of availa	ble funding				9	% Natur	e-Based	0
						777 Victoria	ollege Statio	Tr	Houst			Beaum

FMS area



	ID#	062000066	Sponsor	Coastal F	Prairie Conservancy				
				coustan	,				
RFPG recommend?			Yes		Reason for Recommendation				

Warren Ranch Preservation

Title

Strategy Details													
Strategy type	Property Acquisition and Structural Elevation												
Strategy description		Acquisition of remaining private interest stake in the 6,004-acre Warren Ranch for floodplain preservation and conservation. Place a conservation easement on the Ranch to conserve ag and natural habitat.											
Associated FME's	999999			Associated FM	P's 999999	1							
Associated FMS's	999999 Drainage area (mi <sup>2</sup> , est.) 9												
Watershed HUC# (if known)	) - County Harris												
Existing 100-Year Flood I	Risk												
Population at risk 0		# of structures	0		Critical	facilities 0							
Flood risk type: Riverine	? Yes	Coastal? No	Local?	No	Playa?	No	Other? No						
Farm/Ranch land impacted (	acres) 240		Roadway	(s) impacted (miles)	0								
Number of low water crossin	gs 2		Historical	road closures	2								
<b>100-Year Flood Risk Reduction</b> Population removed from 100-yr       -       # of structures removed from 100-yr       -         Critical facilities removed from 100-yr       -       Farm/Ranch land removed from 100-yr (acres)       -         Road removed from 100-yr (miles)       -       Low water crossings removed from 100-yr       -         Other benefits       Public access and recreation, agriculture, habitat       Reduction in # of road closures over 10 years       -         Impacts         Negative impacts?       No       Negative impacts description       -													
Water supply contributions?	No	Water supply contribution d											
Estimated Cost													
Strategy Cost \$50,00	0,000	Amount of availa	able funding	-		% 1	Nature-Based 100						
	FMS at	Jack-Rd		Colle 777 Victoria	ege Station	The Woodland	0						

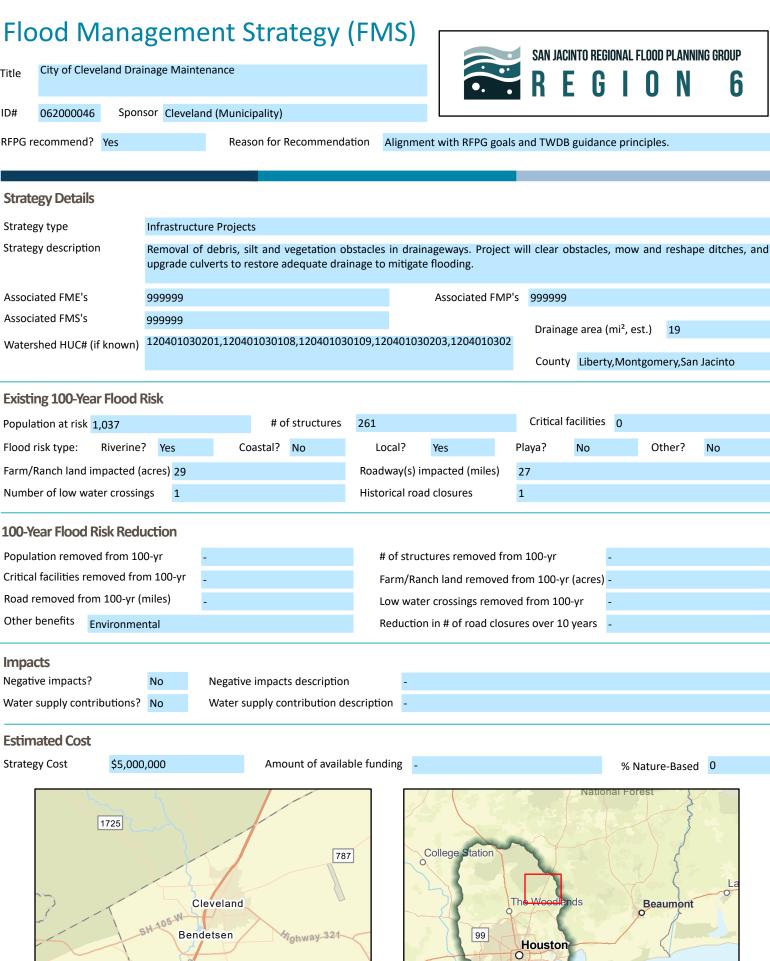
				•••	(		SAN J/	ACINTO RE(	GIONAL	FLOOD PLAN	NING GROUP
Title Cypress Cro	eek Headw	ater Acquis	ition and PRes	ervation		•.	R	E G		O N	6
ID# 062000067	7 Spon	sor Coastal	Prairie Conse	rvancy							
RFPG recommend?	Yes		Reason	for Recommenda	ation Alignme	ent with RFPG go	als and TWI	DB guidan	ce prin	nciples.	
Strategy Details	5										
Strategy type		Property A	cquisition and	Structural Eleva	tion						
Strategy descriptic	on	Acquisition	and restoration	on of 1,074-acre	s of ag and natu	ral lands at the h	neadwaters	of Cypres	s Creek	κ.	
Associated FME's		999999				Associated FM	/IP's 99999	9			
Associated FMS's		999999					Drain	nage area	(mi². e	st.) -	
Watershed HUC# (	if known)	-									
							Cour	ity Walle	er		
Existing 100-Yea	ar Flood I	Risk									
Population at risk	0			# of structures	0		Critica	I facilities	0		
Flood risk type:	Riverine	? Yes	Coasta	al? No	Local?	No	Playa?	No		Other?	No
Farm/Ranch land i	mpacted (	acres) 9			Roadway(s) ii	mpacted (miles)	-				
Number of low wa	iter crossir	igs -			Historical roa	d closures	-				
100-Year Flood I	Risk Redu	uction									
Population remove	ed from 10	0-yr	-		# of struc	ctures removed f	from 100-yr		-		
Critical facilities re	moved fro	m 100-yr	-		Farm/Rai	nch land remove	d from 100-	yr (acres)	-		
Road removed from	m 100-yr (	miles)	-		Low wate	er crossings remo	oved from 1	00-yr	-		
Other benefits	Public acc	ess and re	creation, agr	iculture, habita	t Reductio	n in # of road clo	osures over 2	10 years	-		
Impacts											
Negative impacts?		No	Negative im	pacts descriptior	ı -						
Water supply cont	ributions?	No	-	y contribution de							
Entrin at a Cast											
Estimated Cost Strategy Cost	\$18,00	000		Amount of availa	ble funding				0/ 1	lature Data	d 100
Sualegy COSL	318,UL	0,000							% N	Nature-Base	100
		Hebert	Rd	Pattson Rd	ustin	1 290	Colle Solution	ege Station	Tr	he Woodland	ds

FMS area

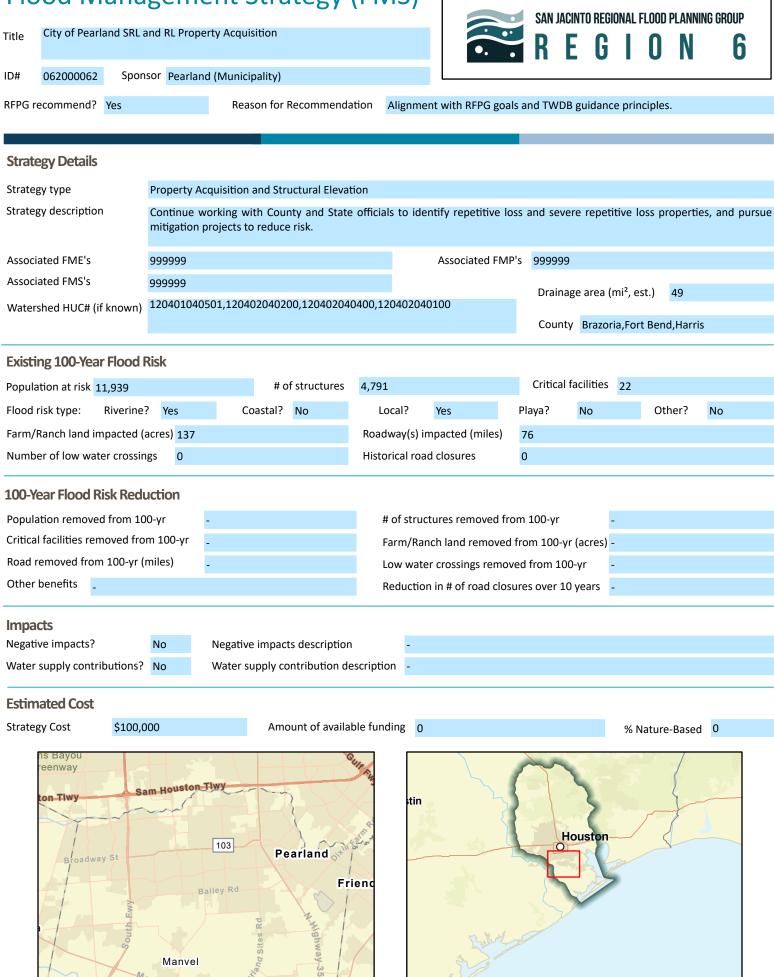
Regional view of FMS area

Title

ID#



FMS area



FMS area

		0011				(	<b>'</b>		•	SAN .	JACINT	O REGI	ONAL F	FLOOD P	LANNI	NG GROUP
Fitle City of Bay	vou Vista Se	evere Weath	ier Warn	ing Syster	ns				•	R	Ε	G	L	0	Ν	6
ID# 06200002	8 Spon	sor Bayou	Vista (Mu	unicipality	()									-		
RFPG recommend	? Yes		Re	eason for	Recommend	ation Align	iment w	vith RFPG ន្	goals a	nd TW	′DB gu	iidanc	e prin	ciples.		
Strategy Detail	s															
Strategy type		Flood Meas	suremen	nt and Wa	rning											
Strategy description	on	Purchase a	nd instal	ll severe v	veather warr	ning systems										
Associated FME's		999999					A	ssociated F	MP's	9999	99					
Associated FMS's		999999								Drai	nage a	area (r	ni², es	st.) (	D	
Watershed HUC#	(if known)	120402040	200													
										Cou		Galves	ιοη			
Existing 100-Ye	ar Flood I	Risk														
Population at risk	1,476			# o	f structures	1,121				Critic	al faci	lities	3			
Flood risk type:	Riverine	? Yes		Coastal?	Yes	Local?	Ye	s	Р	laya?	N	lo		Oth	er?	No
Farm/Ranch land	impacted (	acres) 0				Roadway(	s) impa	cted (miles	5) <mark>8</mark>	3						
Number of low wa	ater crossin	ngs O				Historical	road clo	osures	C	)						
100-Year Flood	Risk Redu	uction														
Population remov			-			# of st	ructure	es removed	l from	100-vi	r					
Critical facilities re		-	_					and remov				cres) -				
Road removed fro		-	-					ossings rer								
Other benefits	-							# of road o								
												-				
Impacts Negative impacts	)	No	Nogoti	ve impact	ts descriptior											
Water supply cont			-		ontribution d											
		110	water	Sappiy CC		-										
Estimated Cost	:															
Strategy Cost	\$35,00	00		Amo	ount of availa	ble funding	-						% N	lature-	Based	0
	Hourse and Langer		pu Vis		a l		59	66		ousto				Beaun	nont	0

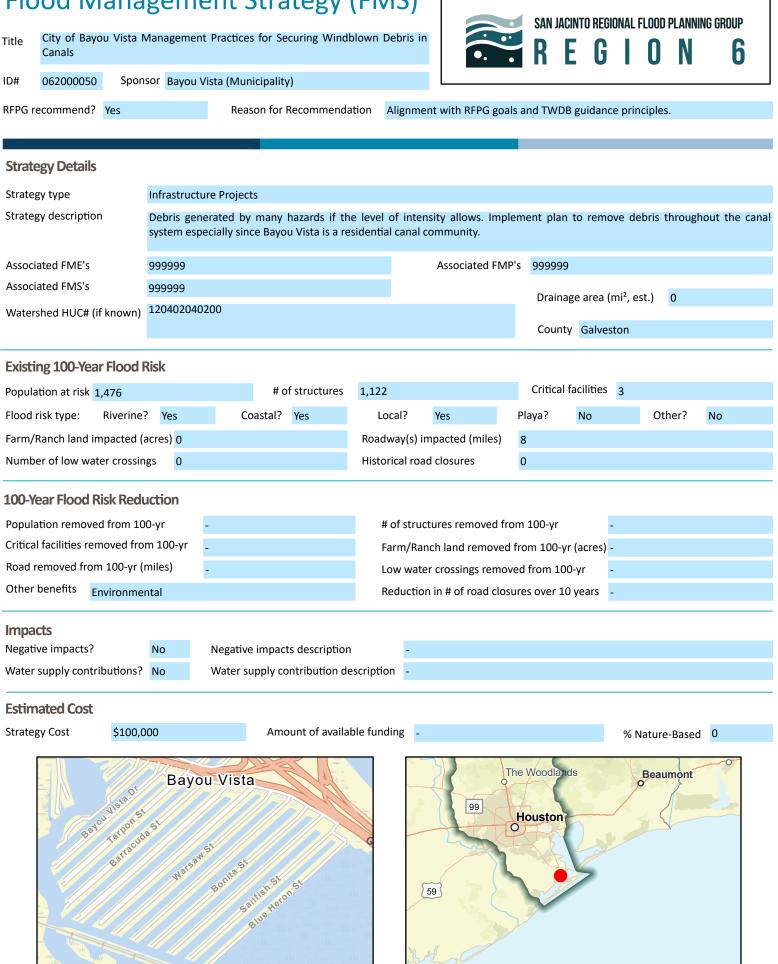
FMS area

Regional view of FMS area

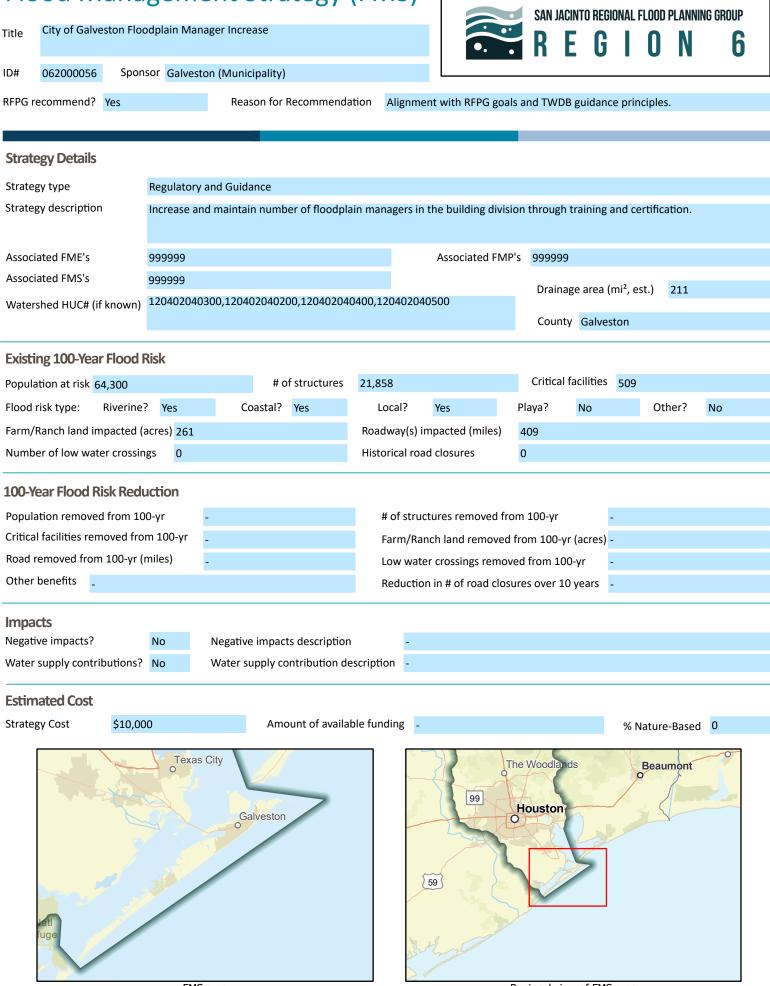
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	-				SAN JA	CINTO REG	IONAL F	LOOD PLANN	IING GROUP
Title Implement Storm	water Manage	ment Plan in City of Bayou Vi	sta	•	R	E G		<b>O</b> N	6
ID# 062000026 S	oonsor Bayou	Vista (Municipality)							
RFPG recommend? Yes		Reason for Recommer	ndation Alignment	with RFPG goa	ls and TWD	B guidano	e prin	ciples.	
Strategy Details									
Strategy type	Regulatory	and Guidance							
Strategy description	Implemen	t stormwater management p	lan to improve drain	age during floo	d and other	r weather	events	5.	
Associated FME's	999999			Associated FMI	P's 999999	9			
Associated FMS's	999999				Draina	age area (	mi². es	st.) 0	
Watershed HUC# (if know	/n) 120402040	0200						-	
					Count	ty Galves	ston		
Existing 100-Year Floo	od Risk								
Population at risk 1,476		# of structure	s 1,121		Critical	facilities	3		
Flood risk type: River	ine? Yes	Coastal? Yes	Local?	Yes	Playa?	No		Other?	No
Farm/Ranch land impacte	ed (acres) 0		Roadway(s) imp	pacted (miles)	8				
Number of low water cro	ssings 0		Historical road	closures	0				
100-Year Flood Risk R	eduction								
Population removed from	100-yr	-	# of structu	ires removed fro	om 100-yr		-		
Critical facilities removed	from 100-yr	-	Farm/Rancl	h land removed	l from 100-y	yr (acres)	-		
Road removed from 100-	yr (miles)	-	Low water	crossings remov	ved from 10	00-yr	-		
Other benefits			Reduction i	n # of road clos	ures over 1	0 years	-		
Impacts									
Negative impacts?	No	Negative impacts descripti	on -						
Water supply contribution	ns? No	Water supply contribution	description -						
Estimated Cost	- 000	Amount of ava	ilable funding						
Strategy Cost \$25	5,000	Amount of ava					% N	ature-Base	d U
Balaulista Balaulista Balaulista Balaulista	9/////	ou Vista	59	99	The Woodlan			Beaumont	

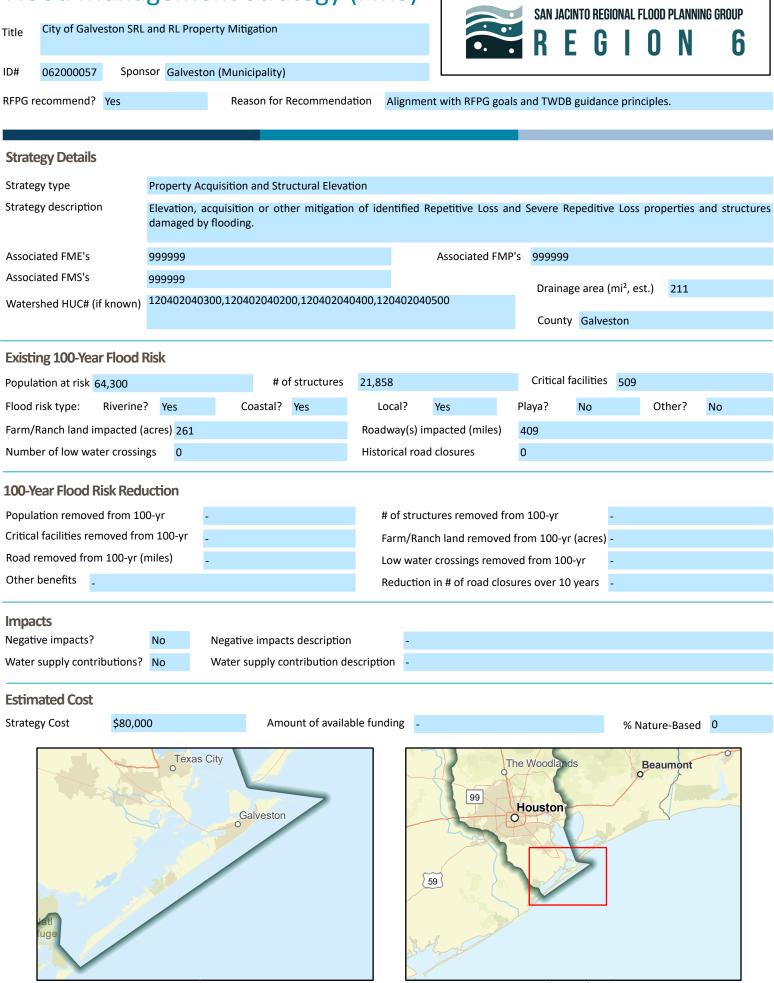
FMS area



FMS area



FMS area



FMS area



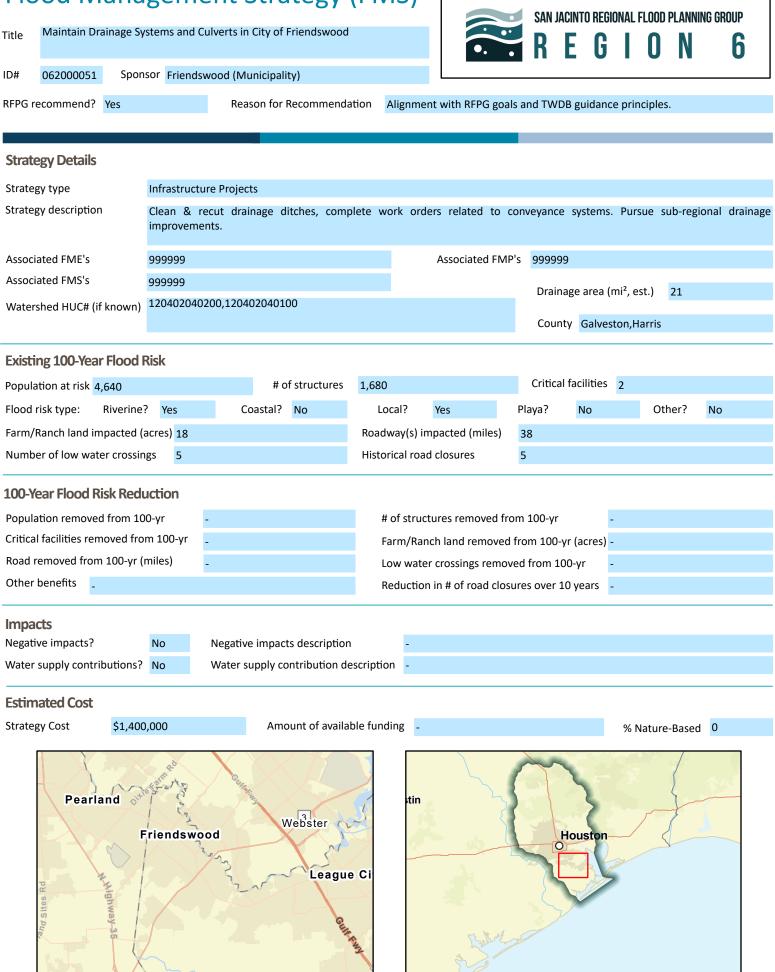
Title ID# 062000014 Sponsor Galveston (Municipality) RFPG recommend? Yes

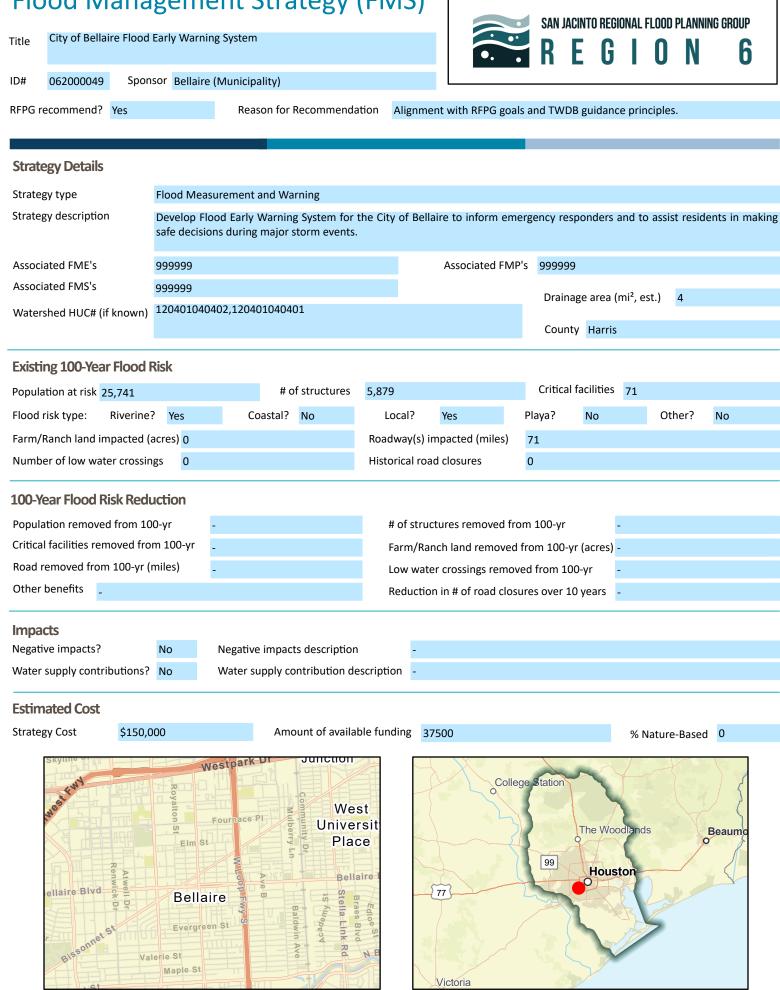
City of Galveston NFIP CRS Rating

Reason for Recommendation

Alignment with RFPG goals and TWDB guidance principles.

Strategy Details									
Strategy type	Other								
Strategy description	Maintain me	mbership of the	NFIP's CRS						
Associated FME's	999999				Associated FM	P's 999999	)		
Associated FMS's	999999					Draina	age area (n	ni², est.) 53	
Watershed HUC# (if known)	1204020403	00,12040204020	00,12040204	0400,120402	040500	Draina	ige alea (ii	III , est.) 55	
						Count	y Galvest	ton	
Existing 100-Year Flood F	Risk								
Population at risk 64,429		# o	f structures	23,123		Critical	facilities	513	
Flood risk type: Riverine?	Yes	Coastal?	Yes	Local?	Yes	Playa?	No	Other?	No
Farm/Ranch land impacted (a	acres) 263			Roadway(s	) impacted (miles)	408			
Number of low water crossin	gs O			Historical r	oad closures	0			
100-Year Flood Risk Redu	uction								
Population removed from 10	0-yr -			# of st	ructures removed fr	om 100-yr	-		
Critical facilities removed from	m 100-yr 🔒			Farm/	Ranch land removed	l from 100-y	r (acres) -		
Road removed from 100-yr (r	miles) _			Low w	ater crossings remo	ved from 10	0-yr -		
Other benefits _				Reduc	tion in # of road clos	sures over 10	0 years -		
Impacts									
Negative impacts?	No	Negative impact	ts descriptior	ı -					
Water supply contributions?	No	Water supply co	ontribution de	escription -					
Estimated Cost									
Strategy Cost \$10,00	0	Amo	ount of availa	ble funding	-			% Nature-Base	d 0
2004	5 FMS a	8	alveston		99	The Woodlan Houston		Beaumont	





FMS area



ID# 062000033 Sponsor Bellaire (Municipality)

City of Bellaire Flood Rescue Plan

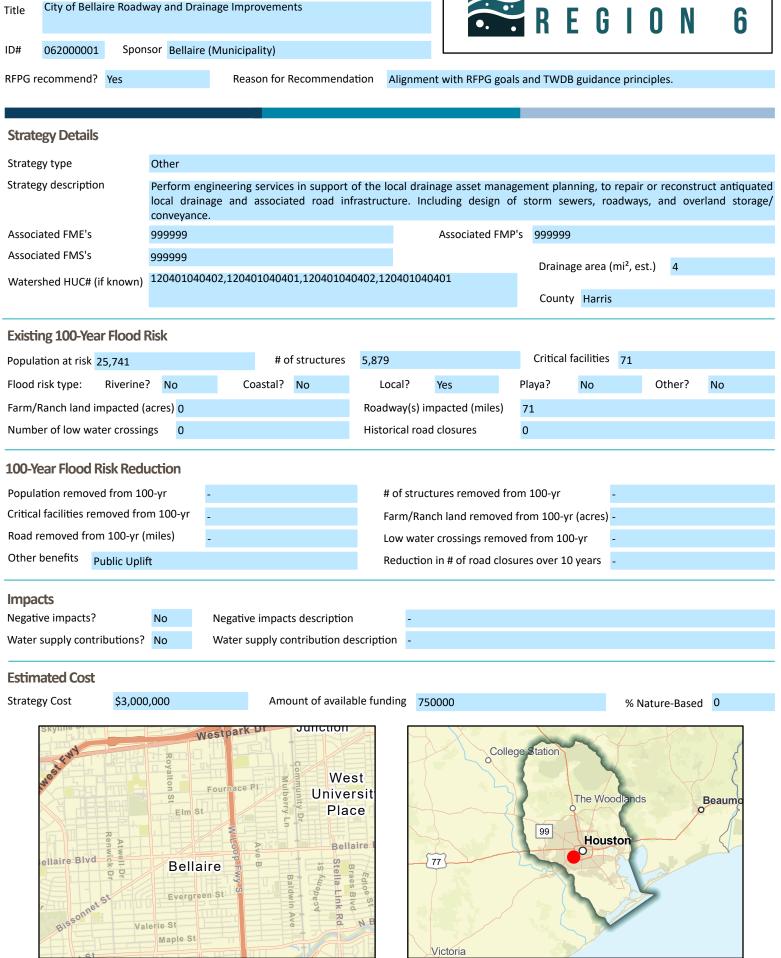
Title

RFPG recommend? Yes

Reason for Recommendation

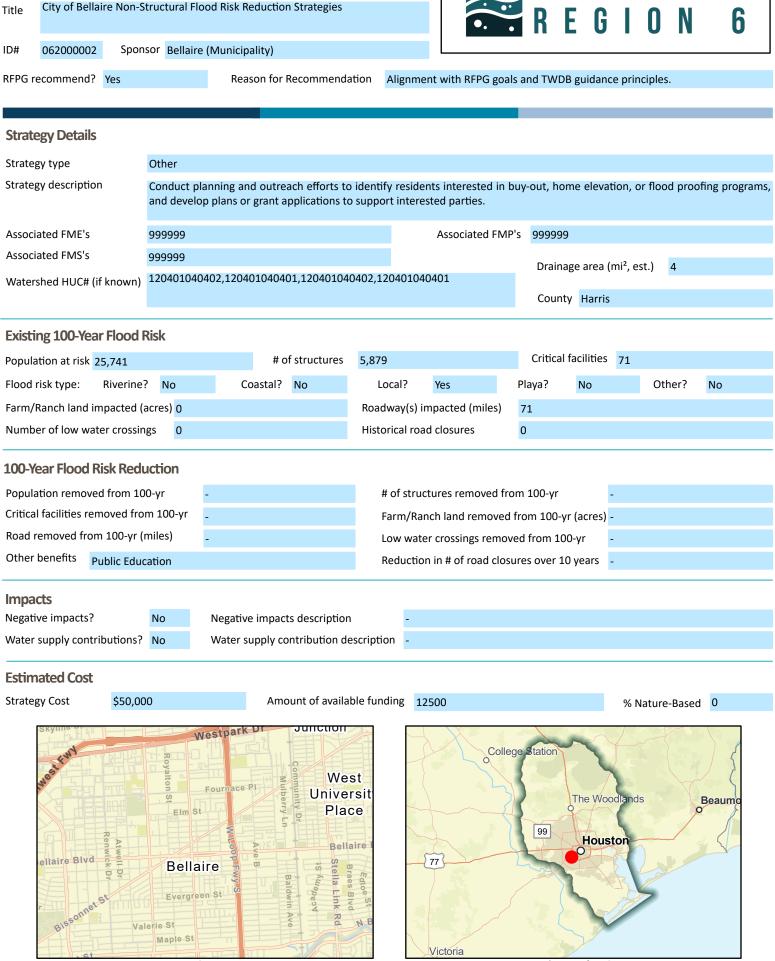
Alignment with RFPG goals and TWDB guidance principles.

Regulatory and Guid	ance			
				s evacuating disabled/physically
999999		Associated FM	/IP's 999999	
999999			(	12
120401040402,1204	01040401		Drainage area (	mi <sup>2</sup> , est.) 4
			County Harris	
Risk				
	# of structures	5,879	Critical facilities	71
Yes C	oastal? No	Local? Yes	Playa? No	Other? No
acres) 0		Roadway(s) impacted (miles)	71	
gs O		Historical road closures	0	
uction				
0-yr -		# of structures removed	from 100-yr	-
m 100-yr 🔒		Farm/Ranch land remove	ed from 100-yr (acres)	-
miles) _		Low water crossings rem	oved from 100-yr	-
		Reduction in # of road clo	osures over 10 years	-
No Negativ	e impacts description	-		
No Water s	upply contribution de	escription -		
00	Amount of availab	ble funding 50000		% Nature-Based 0
Roy Bournace Elm St Bellaire Evergreen St	Pl Wes Muberry Dr Plac	st rsit ce	99 Hous	ton
	Develop a plan to a impaired/elderly ind         9999999         12040104002,1204         Risk         ? Yes       C         acres) 0         gs       0         oction         n100-yr       -         niles)       -         No       Negativ         No       Water st         00         Bellaire         gs       Fournace         gs       Fournace         gs       St         gs       St         No       Negativ         No       Fournace         gs       St         gs       St         gs       St         gs       St         gs       St	impaired/elderly individuals from homes i 9999999 120401040402,120401040401 Risk # of structures Yes Coastal? No acres) 0 gs 0 ction 0-yr - m 100-yr - miles) - No Negative impacts description No Water supply contribution description No Place	Develop a plan to address rescues from both one-story and two-stor impaired/elderly individuals from homes in advance of anticipated extrer 999999 120401040402,120401040401 Risk # of structures 5,879 P Yes Coastal? No Local? Yes acres) 0 Roadway(s) impacted (miles) gs 0 Historical road closures Roadway(s) impacted (miles) gs 0 Historical road closures Reduction in # of structures removed 1 m 100-yr - # of structures removed 1 m 100-yr - March land remove Low water crossings rem Reduction in # of road clo No Negative impacts description - No Water supply contribution description -	Develop a plan to address rescues from both one-story and two-story homes. This include impaired/elderly individuals from homes in advance of anticipated extreme rainfall events. 999999 Associated FMP's 999999 999999 Drainage area ( County Harris Nisk # of structures 5,879 Critical facilities * Yes Coastal? No Local? Yes Playa? No Roadway(s) impacted (miles) 71 Historical road closures 0 Historical road closures 0 totion 0-yr - Marris No Negative impacts description No Water supply contribution description No Megative impacts description No Megative impacts description No Megative impacts description No Mater supply contribution description Place Bellaire Bellaire Bell



FMS area

Regional view of FMS area



FMS area

Regional view of FMS area

City of Bellaire Drainage Requirements and Flood Damage Prevention Title 6 Ordinance ID# 062000003 Sponsor Bellaire (Municipality) RFPG recommend? Yes Reason for Recommendation Alignment with RFPG goals and TWDB guidance principles. **Strategy Details** Other Strategy type Strategy description Develop updates to Bellaire's residential and non-residential drainage requirements and the City's flood damage prevention ordinance, in alignment with Bellaire's broader flood risk management goals and objectives. Associated FME's 999999 Associated FMP's 999999 Associated FMS's 999999 Drainage area (mi<sup>2</sup>, est.) 4 120401040402,120401040401,120401040402,120401040401 Watershed HUC# (if known) County Harris **Existing 100-Year Flood Risk** Critical facilities 71 Population at risk 25,741 # of structures 5,879 Flood risk type: Riverine? No Coastal? No Local? Yes Playa? No Other? No Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 71 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 Critical facilities removed from 100-yr Farm/Ranch land removed from 100-yr (acres) -Road removed from 100-yr (miles) Low water crossings removed from 100-yr Other benefits Reduction in # of road closures over 10 years Impacts Negative impacts? Negative impacts description No Water supply contributions? No Water supply contribution description **Estimated Cost** Strategy Cost \$50,000 Amount of available funding 12500 % Nature-Based 0 Junction Westpark L College Station RO West Mulperry Fournace PI Universit S The Woodlands Beaumo Place Elm St 99 Houston Bellaire ellaire Blvd 77 Stella-Link Bellaire S Braes Q Edloe Academy Baldwin BissonnetSt Evergreen St Blvd U Rd Valerie St N

FMS area

Maple St

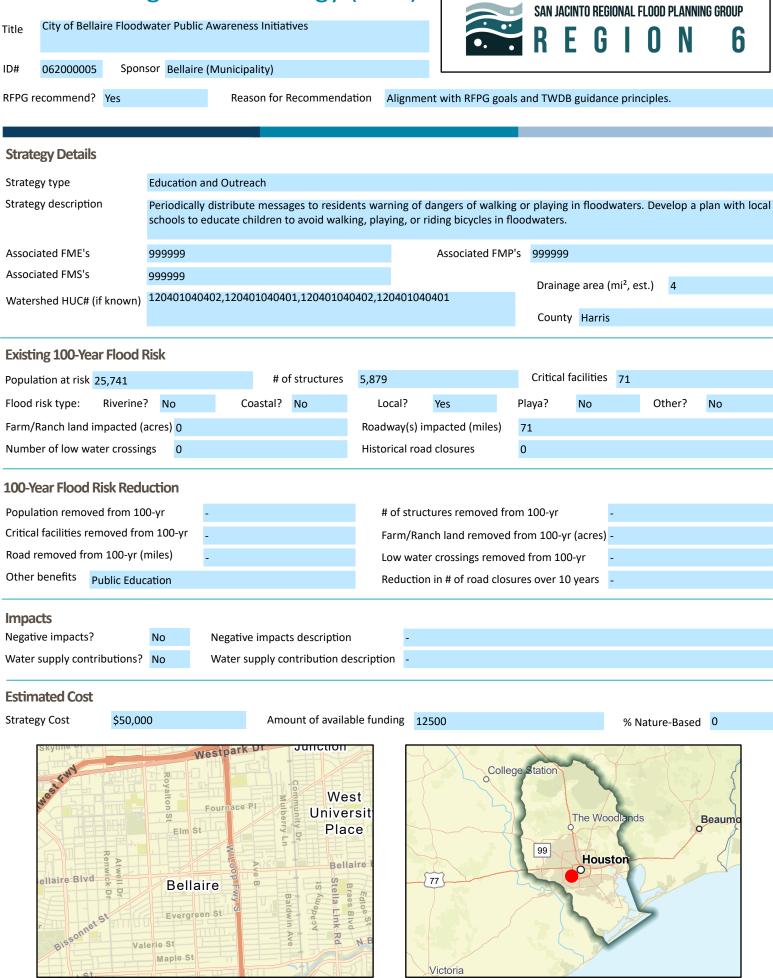
Regional view of FMS area

Victoria

Title	City of Bella	ire Surroi	unding Ar	ea Drain	age Improv	ements	REGION 6							
ID#	062000004	Spon	isor Bella	aire (Mur	nicipality)									
RFPG re	ecommend?	Yes			Reason for	Recommend	lation Align	ment with RFPG §	goals and TV	VDB guida	nce prir	ciples.		
Strate	egy Details													
Strateg	gy type		Other											
Strateg	gy descriptior	ı	Partner	with sur	rounding m	unicipalities	/governmenta	al agencies to ide	ntify draina	ge improv	ements	(conveyan	ce or det	ention)
			which co	ould mini	imize extrer	ne event she	eet flow enter	ing into Bellaire.						
Associ	ated FME's		999999					Associated F	MP's 999	999				
Associ	ated FMS's		999999						Dra		(m;2 o	ct) 4		
Waters	shed HUC# (if	f known)	1204010	040402,1	204010404	01,12040104	40402,120401	.040401	Dia	iinage area	a (m <sup>_</sup> , e	st.) 4		
									Со	unty Harr	is			
Existi	ng 100-Yea	r Flood I	Risk											
	ition at risk 2				# (	of structures	5,879		Criti	cal facilitie	s 71			
	risk type:	Riverine	? No		Coastal?	No	Local?	Yes	Playa?	No		Other?	No	
	Ranch land in	npacted (	acres) 0				Roadway(	s) impacted (miles						
	er of low wat		_					road closures	0					
			-											
100-Ye	ear Flood R	isk Redu	uction											
Popula	ation removed	d from 10	00-yr	-			# of st	ructures removed	l from 100-y	/r	-			
	l facilities ren		-	-			Farm/	Ranch land remov	ved from 10	0-yr (acres	5) -			
	emoved from	n 100-yr (	miles)	-			Low w	ater crossings rer	noved from	100-yr	-			
Other	benefits _						Reduc	tion in # of road o	losures ove	r 10 years	-			
Impa	cts													
	ve impacts?		No	Neg	ative impac	ts descriptio	n -							
Water	supply contri	butions?	No	Wat	er supply co	ontribution c	description -							
	ated Cost	¢100.0			<b>A</b>		abla fundina							
Strateg	gy Cost	\$100,0	000		Am	ount of availa	able funding	25000			% N	Nature-Bas	ed 0	
	ellaire Blvd	Renwick Dr			ace PI	Bel	est ersit	E CO	ollege Statio	The W	oodland	s	Beaum	C.A.

FMS area

Regional view of FMS area



FMS area

City of Bunker Hill Community Outreach

Title



1

									•••	•			U		U
ID#	062000006	Spor	nsor Bunker H	ill Village (	Municipality)	)									
RFPG re	ecommend?	Yes		Reaso	n for Recomn	nendation	Alignme	nt with	RFPG g	oals a	nd TW	DB gu	idance	e prin	ciples.
Strate	gy Details														
Strateg	y type		Education ar	nd Outreac	h										
-			Education a												
Strateg	gy descriptior	ו	Community	Outreach (	flooded stree	et identifica	tion, marki	ing and	l signage	e)					
Associa	ated FME's		999999					Asso	ciated F	MP's	9999	99			
Associa	ated FMS's		999999								Drai	nage a	irea (n	ni <sup>2</sup> o	st )
Waters	shed HUC# (if	f known)	1204010403	03,120401	.040303						Diai	nage a	irca (ii	II , C.	
											Cou	nty H	arris		
Existi	ng 100-Yea	r Flood	Risk												

Flood risk type:         Riverine?         No         Coastal?         No         Local?         Yes         Playa?         No         Other?         No	
Farm/Ranch land impacted (acres) 0 Roadway(s) impacted (miles) 0	
Number of low water crossings         0         Historical road closures         0	

<b>100-Year Flood Risk Reduction</b>	
--------------------------------------	--

Impacts			
Other benefits Public Education		Reduction in # of road closures over 10 years	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Population removed from 100-yr	-	# of structures removed from 100-yr	-

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

#### **Estimated Cost**

\$100,000 Amount of available funding Strategy Cost % Nature-Based 0 \_ Benignus Rd tostwood Dr Gessner-Rd College Station Point Plantation Rd The Woodlands Beaumo Rd 0 99 Houston **Bunker Hill** 77 Piney Point Village Blalock-Rd Gessner Po Rd Victoria

FMS area

riuuu	iviaila	Reini		uategy	ורוע	13)			SAN JA	CINTO	REGION	AL FLOO	ID PLANN	IING GROUP
Title City of E	3unker Hill Da	m/Levee Ma	aintenance	and Monitoring P	Plan		•.		R	E	G		N	6
ID# 062000	007 Spon	sor Bunker	Hill Village	(Municipality)										
RFPG recomme	nd? Yes		Reaso	on for Recommend	dation /	Alignment	with RFPG go	als and	I TWD	)B gui	dance p	orincipl	es.	
Strategy Deta	ails													
Strategy type		Other												
Strategy descrip	otion	Minimize t and inspec		am/levee failure a lles.	nd relate	d damage	to existing an	id prop	osed :	struc	tures by	y monit	oring th	ne maintenan
Associated FME	E's	999999					Associated FN	1P's 9	99999	9				
Associated FMS	5's	999999							Drain	200.2	roo (mi	$^2$ oct )	1	
Watershed HU	C# (if known)	120401040	303,12040	1040303					Draine	age a	rea (mi	, est.)	1	
									Count	ty H	arris			
Existing 100-	Year Flood	Risk												
Population at ri	sk 0			# of structures	0			C	ritical	l facili	ities 0			
Flood risk type:	Riverine	? Yes	Coa	astal? No	Lo	cal?	Yes	Play	va?	No	D	C	Other?	No
Farm/Ranch lar	nd impacted (	acres) 0			Roady	way(s) imp	pacted (miles)	0						
Number of low	water crossir	igs O			Histor	rical road	closures	0						
100-Year Floo	od Risk Redu	uction												
Population rem			-		#	of structu	ires removed f	rom 10	)0-yr		_			
Critical facilities		-	-				h land remove			yr (ac	res) -			
Road removed	from 100-yr (	miles)	-				crossings remo				-			
Other benefits	-				R	eduction i	n # of road clo	osures o	over 1	.0 yea	irs -			
<b>Impacts</b> Negative impac Water supply co		No No	-	impacts descriptic		- n -								
Estimated Co	ost													
Strategy Cost	\$500,0	000		Amount of avail	able fund	ling -						% Natu	re-Base	d 0
		Bunker H Village		Siney Point Rd				lege Sta	99		e Woodle			Beaumo

FMS area

Title City of Bunker Hill Vill	lage Non-Structural Mitigation Project	s interview of the second seco	SAN JACINTO REGIONAL FLOOD PLANNING GR	600P							
ID# 062000058 Spon	sor Bunker Hill Village (Municipality)										
RFPG recommend? Yes	Reason for Recomm	endation Alignment with RFPG go	pals and TWDB guidance principles.								
Strategy Details											
Strategy type	Other										
Strategy description	Non-structural mitigation measure - b	ouried powerlines, tree managemen	nt and generators								
Associated FME's	999999	Associated FM	MP's 999999								
Associated FMS's	999999		Drainage area (mi <sup>2</sup> , est.) 1								
Watershed HUC# (if known)	120401040303										
			County Harris								
Existing 100-Year Flood F	Risk										
Population at risk 0	# of structu	res 0	Critical facilities 0								
Flood risk type: Riverine	? Yes Coastal? No	Local? Yes	Playa? No Other? No								
Farm/Ranch land impacted (a	acres) 0	Roadway(s) impacted (miles)	0								
Number of low water crossin	ngs O	Historical road closures	Historical road closures 0								
100-Year Flood Risk Redu	uction										
		# of structures removed	from 100 vr								
Population removed from 10 Critical facilities removed from			# of structures removed from 100-yr - Farm/Ranch land removed from 100-yr (acres) -								
Road removed from 100-yr (i		Low water crossings rem									
	t Development Features	Reduction in # of road clo									
	t Development reatures										
Impacts											
Negative impacts?	No Negative impacts descrip	otion -									
Water supply contributions?	No Water supply contribution	on description -									
Estimated Cost											
Strategy Cost \$100,0	Amount of a	vailable funding _	% Nature-Based 0								
	Bunker Hill Village	77	Ilege Station The Woodlands 99 Houston	me							

FMS area

Regional view of FMS area

Victoria

Sponsor Manvel (Municipality)

City of Manvel Propery Acquisition

Title

ID#

062000048



RFPG recommend? Yes		Reason for Recommendation			on Alignment with RFPG goals and TWDB guidance principles.							
Strategy Details												
Strategy type	Property Acq	uisition and Str	uctural Elevat	ion								
	Acquire Repe NFIP.	etitive Loss (RL)	and Severe R	epetitive Loss	(SRL) properties	in the 100-y	year flood p	lain, as identifie	d by FEMA and			
Associated FME's	999999				Associated FM	1P's 99999	99					
Associated FMS's	999999					Desir		·:2 aat \ 27				
Watershed HUC# (if known)	12040204020	00,1204020404	00,120402040	0100		Drain	nage area (m	ii <sup>2</sup> , est.) 27				
							nty Brazoria	1				
Existing 100-Year Flood R	lisk											
Population at risk 6,741		# c	of structures	1,250		Critica	al facilities	8				
Flood risk type: Riverine?	Yes	Coastal?	No	Local?	Yes	Playa?	No	Other?	No			
Farm/Ranch land impacted (a	cres) 179			Roadway(s)	impacted (miles)	43						
Number of low water crossing	gs O			Historical ro	ad closures	0						
100-Year Flood Risk Redu	ction											
Population removed from 100				# of stru	uctures removed f	rom 100-vr	_					
Critical facilities removed from				anch land remove								
Road removed from 100-yr (n	niles) _				v water crossings removed from 100-yr -							
Other benefits					on in # of road clo							
Impacts												
Negative impacts?	No	Negative impac	ts description	-								
Water supply contributions?		Water supply co										
Estimated Cost												
Strategy Cost \$1,700,	.000	Am	ount of availal	ole funding				% Nature-Base	d 0			
la Iowa Colony	Morris A.		9-femmer Rd		Victoria	ee	Housto	0	Beaumon			

Title

ID#

Strategy type

Associated FME's

Associated FMS's

Flood risk type:

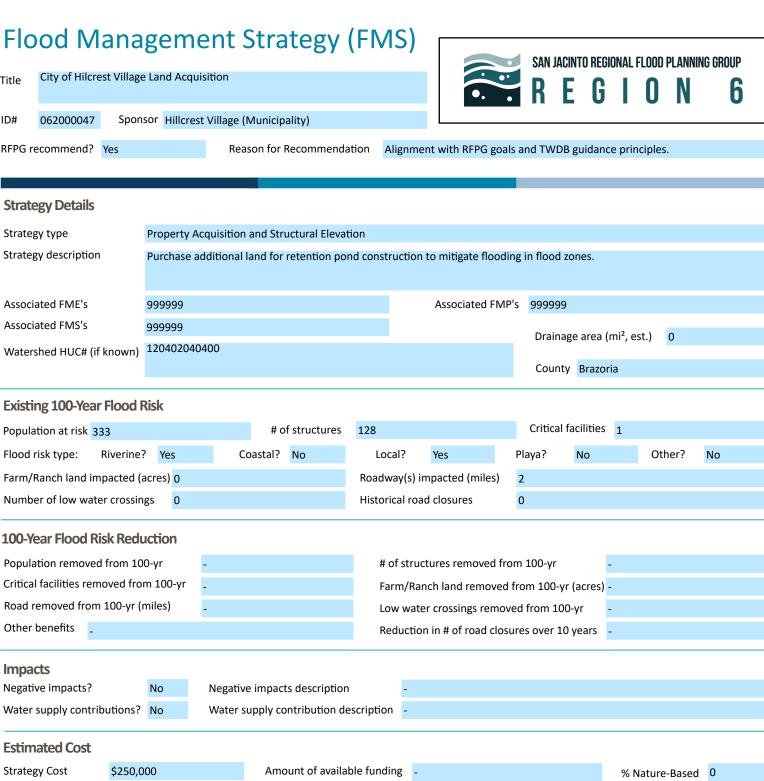
Other benefits

Negative impacts?

**Estimated Cost** 

Strategy Cost

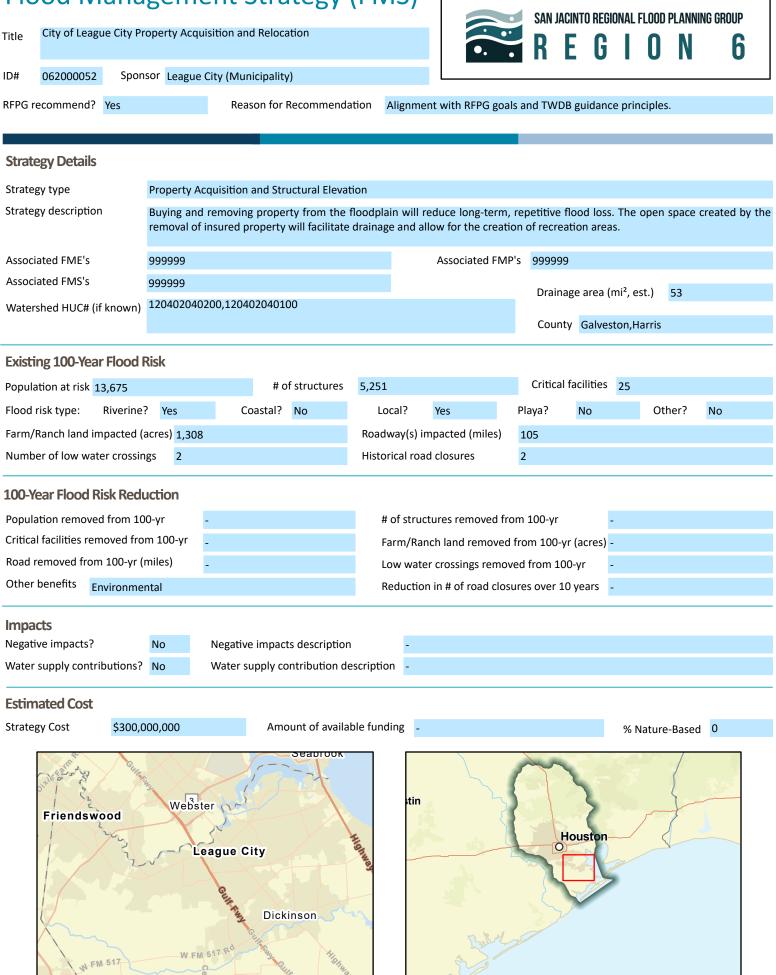
Impacts



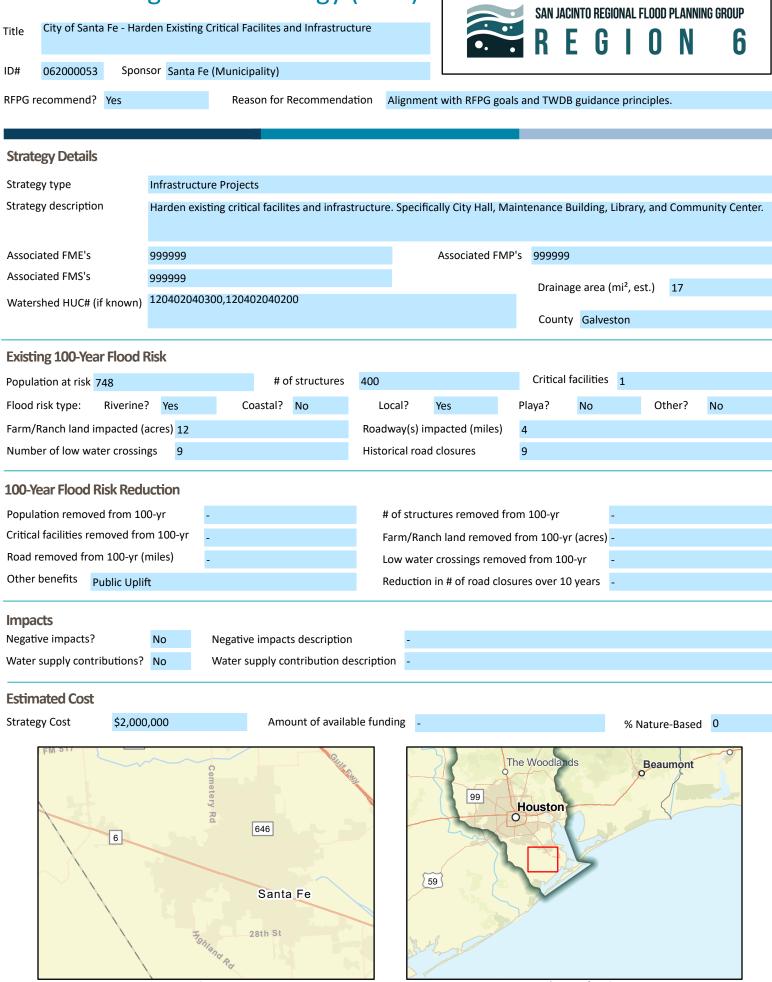




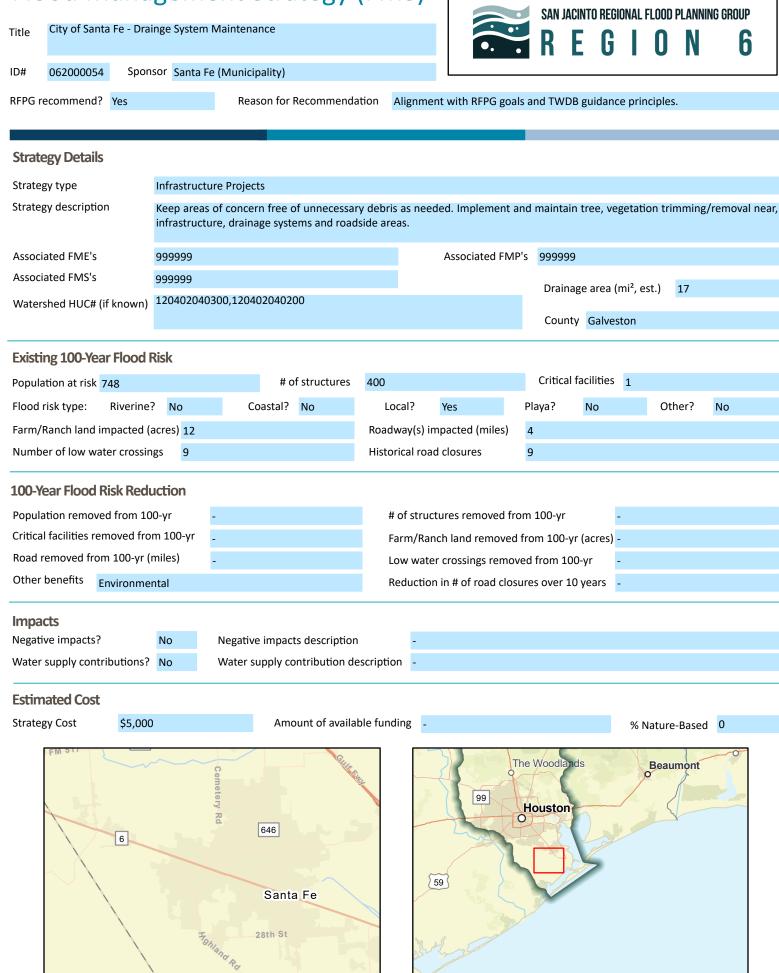
FMS area



FMS area



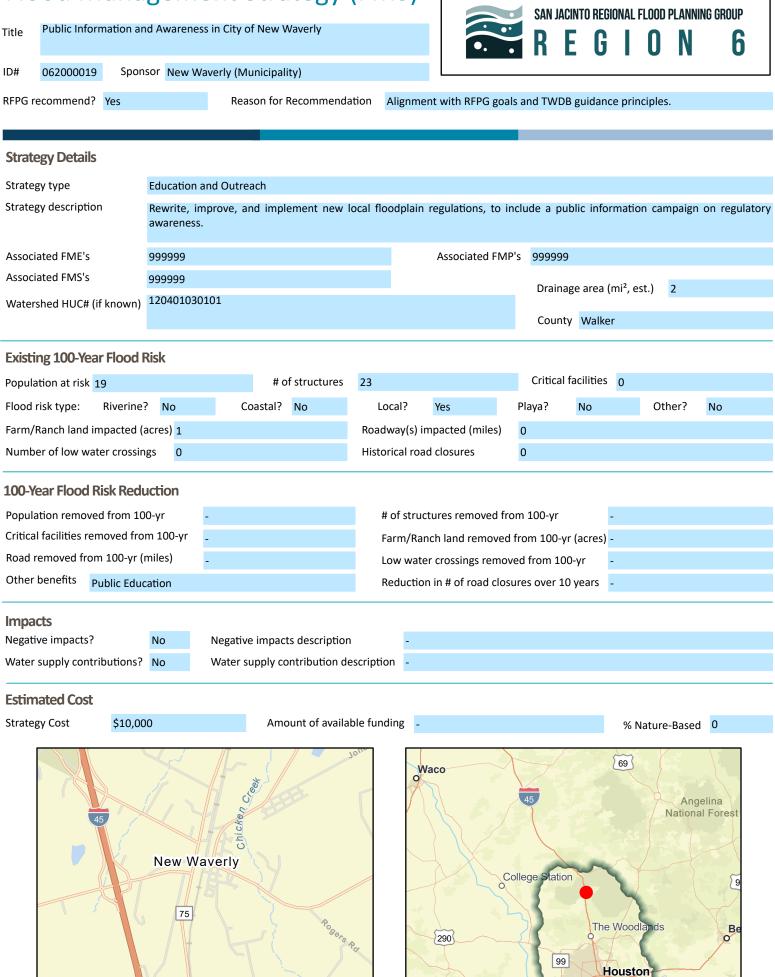
FMS area



FMS area

			<u> </u>			07	· /			SAN	JACINT	O REGI	ONAL F	LOOD PLAN	NING GROU	
itle	City of Santa	Fe Storn	nproof/retr	ofit Nev	w Critical	Infrastructure			•	R	Ε	G	Т	0 N		
D#	062000039	Spon	sor Santa F	Fe (Mur	nicipality)					-						
FPG r	ecommend?	Yes		F	Reason fo	r Recommend	ation Alignm	ent with RFPG	G goals a	and TV	VDB gu	uidanc	e prin	ciples.		
itrate	egy Details															
trate	gy type		Regulatory	and G	uidance											
trate	gy description		New const	ruction	n and exist	ing critical fac	ilities and infra	structure shou	uld inclu	ude adı	vanceo	d mitig	ation	technique	S.	
<b>ssoci</b>	ated FME's		999999					Associated	d FMP's	9999	999					
ssoci	iated FMS's		999999							Dra	inage	area (i	mi <sup>2</sup> es	t.) 17		
Nater	shed HUC# (if	known)	120402040	0300,12	20402040	200				Dia	inage		iii , cs	1.) 17		
										Coι	unty (	Galves	ton			
xisti	ng 100-Year	Flood F	Risk													
opula	ation at risk 74	18			#	of structures	400			Critio	cal fac	ilities	1			
lood	risk type:	Riverine	Yes		Coastal	No	Local?	Yes	F	Playa?	Ν	lo		Other?	No	
arm/	Ranch land im	pacted (a	acres) 12				Roadway(s)	mpacted (mil	les)	4						
lumb	er of low wate	er crossin	gs 9				Historical ro	ad closures		9						
	ear Flood Ri															
	ation removed		-	-				ctures remov					•			
	l facilities rem		-	-				nch land rem					•			
	removed from	100-yr (i	miles)	-			Low water crossings removed from 100-yr									
Other	benefits _						Reductio	on in # of road	d closur	es ovei	r 10 ye	ears -				
mpa	cts															
	ive impacts?		No	Nega	ative impa	cts descriptio	n -									
Vater	supply contrib	outions?	No	Wate	er supply o	contribution d	escription -									
	nated Cost														_	
trate	gy Cost	\$5,000	,000		An	nount of availa	able funding						% N	ature-Bas	ed 0	
	-more	6		Cemetery Rd		ta Fe		99		e Wood			C	Beaumon		

FMS area



Title Develop Program to Optimize Operation of the Flood Gates at Second Cut Outlet in City of Kemah



ID# 062000017 Sponsor Kemah (Municipality)

RFPG recommend? Yes

Reason for Recommendation

Alignment with RFPG goals and TWDB guidance principles.

Strategy Details													
Strategy type	Regulatory and Guidance												
Strategy description	Develop program to integrate with the Harris County Flood Control District for the purpose of optimizing the operation of the flood gates at second cut outlet.												
Associated FME's	999999 Associated FMP's 999999												
Associated FMS's	999999 Drainage area (mi <sup>2</sup> , est.) 2												
Watershed HUC# (if known)													
							Count	galvesto	on				
Existing 100-Year Flood	Risk												
Population at risk 2,792		#	f of structures	560			Critical	facilities	7				
Flood risk type: Riverine	? Yes	Coastal	? Yes	Local?	Yes	P	laya?	No	Oth	er?	No		
Farm/Ranch land impacted (	acres) 1			Roadway(	s) impacted (miles	5) (	13						
Number of low water crossin	igs O			Historical	road closures	(	ט						
100-Year Flood Risk Redu	uction												
Population removed from 10	0-yr	-		# of s	tructures removed	l from	100-yr	-					
Critical facilities removed fro	m 100-yr	-		Farm/Ranch land removed from 100-yr (acres) -									
Road removed from 100-yr (	miles)	-			vater crossings rer								
Other benefits					ction in # of road o								
Importo													
Impacts Negative impacts?	No	Negative imp	acts descriptior										
Water supply contributions?			contribution d										
		,		·									
Estimated Cost													
Strategy Cost \$100,0	000	Ai	mount of availa	ble funding	-				% Nature-	Based	0		
ha Bay Dr nte Dr Lawrence r	Anders	146 SiaJista D Bay	view of the set		77 Victoria		-	e Woodland:	s Be	aumor	Lal		

