

TABLE 13: POTENTIALLY FEASIBLE FLOOD MITIGATION PROJECTS IDENTIFIED BY RFPG

Table 13: Potentially Feasible Flood Mitigation Projects Identified by RFPG																									
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Reoccurring Noncapital Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
																Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100-year flood risk	Estimated Population at 100-year flood risk	Critical facilities at 100-year flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100-year flood risk (Miles)	Estimated farm & ranch land at 100-year flood risk (acres)
153000001	Alton MDP - West Mile 5 Road and Louisiana Street Alternative 2	Alternative 2 is designed to remove structures from the 10-year floodplain. Approximately 35 acre-feet of volume is proposed to be excavated. construction consists of 1,940 LF of 36-inch diameter pipe sloped at 0.2% along Louisiana, Kentucky, and Trosper	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110208	15000075, 15000146	Infrastructure	3.87	Riverine	City of Alton	City of Alton	Yes	\$ 2,152,660.00	0		1.24	0.38	574	0	2686	0	194	0	26.13	0
153000003	Alton MDP - North Inspiration Road and West St. Jude Avenue Alternative 2	Alternative 2, is designed to remove structures from the 25-year floodplain and more frequent storms. This alternative consists of upsizing the storm drain under West St. Jude Avenue. The trunk line will consist of 1,900 LF of a single 7' X 5' reinfo	15000005, 15000006	Hidalgo	12110207, 12110209	15000075	Infrastructure		Riverine	City of Alton	City of Alton	Yes	\$ 2,817,940.00	0		0.12	0.01	102	0	414	0	11	0	2.04	0
153000004	Alton MDP - North Stewart Boulevard Alternative 2	Alternative 2 is designed to remove structures from the 10-year floodplain and more frequent storms. This alternative consists of the construction of 6,600 LF of a single 8' X 4' reinforced concrete box sloped at 0.02% from the Val Verde Acres Subdiv	15000005, 15000006	Hidalgo	12110207, 12110210	15000146	Infrastructure	0.16	Riverine	City of Alton	City of Alton	Yes	\$ 387,288.00												
153000005	Alton MDP - South Stewart Boulevard Alternative 2A	740 LF 6' X 4' Reinforced Concrete Box Culvert starting just south of Orange Dr. and Stewart Rd. 70 acres of land acquisition for regional retention. 3.1 Acres of land for channel conveyance	15000005, 15000006	Hidalgo	12110207, 12110211	15000075	Infrastructure		Riverine	City of Alton	City of Alton	Yes	\$ 6,296,400.00	0		0.63	0.00	17	0	56	0	1	0	0.09	0
153000006	Alton MDP - West Mile 5 and South Glasscock Road Alternative 3	Alternative 3 is simply the buyout and removal of 23 properties on the north side of Buchanan from the 10-year floodplain. Once structures are removed, the vacant land can be excavated and used as a park/regional retention pond.	15000005, 15000006	Hidalgo	12110207, 12110212	15000075	Infrastructure	0.13	Riverine	City of Alton	City of Alton	Yes	\$ 1,663,200.00	0		0.84	0.14	98	0	562	0	48	0	5.46	0
153000007	Weslaco Stormwater Improvement Plan - South Texas Boulevard and East 18th Street	Construction of a 5 acre detention pond along Texas Boulevard, with approximately 1,400 LF of channel widening along the back of the neighborhood, the replacement of a 30 - inch culvert crossing the irrigation canal with an 8' x 4' RCB, and replace	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110213	15000119	Infrastructure	0.23	Riverine	City of Alton	City of Alton	Yes	\$ 1,585,580.00	0		0.13	0.03	162	0	739	0	45	0	4.95	0
153000008	Downtown Pharr Mitigation Project	Construct 5500-linear feet of channel improvements on the Pharr South Drain downstream of Sam Houston Street to just north of Inspiration Street. Install 7280-linear feet of reinforced concrete box culvert improvements toward the Pharr South Drain from	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110214	15000119, 15000146	Infrastructure, Reg	0.41	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 45,241,100.00	0		0.49	0.27	512	0	2882	1	247	0	27.49	0
153000009	North Pharr Backwater Relief Project	Construct 3400-linear feet of channel improvements on the ditch running from south to north along North Fir Street and 2800-linear feet of channel improvements on the Pharr-McAllen Lateral Ditch up to North I road. Install culvert improvements, 2-8' X	15000005, 15000006	Hidalgo	12110207, 12110217	15000146	Infrastructure	1.22	Riverine	City of Pharr	City of Pharr	Yes	\$ 1,628,000.00	0		0.69	0.26	508	0	1460	0	71	0	10.74	0
153000010	North Pharr Culvert Improvements	Install culvert improvements, 2-10X10 RCB, alongside the ditch running parallel to N. Erika Street at crossings of W. Sioux Road and at connection to outfall of maintained ditch to the Pharr-McAllen Lateral System. Repave W. Sioux Road.	15000005, 15000006	Hidalgo	12110207, 12110220	15000146	Infrastructure	0.51	Riverine	City of Pharr	City of Pharr	Yes	\$ 869,000.00	0		0.45	0.06	476	0	1930	0	42	0	9.51	0
153000011	North Pharr Mitigation Project	Construct 3400-linear feet of channel improvements on the ditch running from south to north along North Fir Street and 2800-linear feet of channel improvements on the Pharr-McAllen Lateral Ditch up to North I road. Install culvert improvements, 2 - 8	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110221	15000146	Infrastructure	0.57	Riverine	City of Pharr	City of Pharr	Yes	\$ 8,195,000.00	0		0.69	0.26	370	0	1504	0	119	0	15.79	0
153000012	Southwest Pharr Drainage Mitigation Project	Construct four regional detention facilities (RDF). RDF 1 has a footprint of 19.75-acres and is a lateral detention facility located between Dicker and Thomas Road west of Highway 281 and near Carmen Anaya Elementary. RDF 2 has a footprint of 7.4-acres	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110222	15000119	Infrastructure, Reg	0.72	Riverine	City of Pharr	City of Pharr	Yes	\$ 5,587,280.00	0		1.42	1.20	1397	956	5834	0	385	0	39.12	0
153000013	Pharr - San Juan Regional Detention Facility	Construct an inline Regional Detention Facility (RDF) along the Pharr-McAllen drain within the City Limits of San Juan. The pond will require a footprint of 35 acres, 300 acre-feet of storage volume, have a maximum depth of approximately of 14 feet, and	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110224	15000119, 15000146	Regional Detentior	2.61	Riverine	City of Pharr	City of Pharr	Yes	\$ 5,148,000.00	0		0.17	0.44	29	0	205	0	100	0	7.37	0
153000014	Weslaco Stormwater Improvement Plan - Pleasantview Drive and 11th Street	Installation of 3,220 LF of new storm drain system consisting of two - 8' x 4' RCBs along Mile 3 ½.	15000005, 15000006	Hidalgo	12110207, 12110228	15000119, 15000146	Infrastructure	0.86	Riverine	City of Weslaco	City of Weslaco	Yes	\$ 5,462,600.00	0		1.40	0.75	155	0	2951	1	133	0	25.12	0
153000015	Weslaco Stormwater Improvement Plan - Mile 10 N and Mile 5 ½ W	Construction of an 8 acre detention pond, with approximately 4,000 LF of channel widening along the back of the neighborhoods and between the Justice Raul A. Gonzalez Elementary School and Joe Calvillo Jr Career & Technology Education Complex; replacemen		Hidalgo	12110207, 12110229	15000146	Infrastructure	1.15	Riverine	City of Weslaco	City of Weslaco	Yes	\$ 8,338,572.00												

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	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closures	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)												
153000001	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0	0	No	BCR is less than 1
153000003	0	0	0	0	0	0	0	0	0	0	0	0			0		Yes			No		1.99	No	BCR is less than 3
153000004																								
153000005	0	0	0	0	0	0	0	0	0	0	0	0			0		Yes			No		0.06	No	Need more information to determine no negative effects and BCR
153000006	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0		No	BCR is less than 6
153000007	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0	0.08	No	Solutions are not for 1% ACE LOS
153000008	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0		No	BCR is less than 1
153000009	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0	0.49	No	It is part of North Pharr Mitigation Project
153000010	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0	3.21	No	It is part of North Pharr Mitigation Project
153000011	0	0	0	0	0	0	0	0	0	0	0	0			0	0	No		0	No	0	4.24	Yes	It complies with TWDB criteria for FMPs
153000012	956	441	0	0	2019	0	0	241	179	117	55	-7			0	0	No		0	No	0	6.49	Yes	It complies with TWDB criteria for FMPs
153000013	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0	1.31	No	It is part of North Pharr Mitigation Project
153000014	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes		0	No	0	8.72	No	Solutions are not for 1% ACE LOS
153000015															0				0		0			

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																Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100-year flood risk	Estimated Population at 100-year flood risk	Critical facilities at 100-year flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100-year flood risk (Miles)	Estimated farm & ranch land at 100-year flood risk (acres)
153000016	Weslaco Stormwater Improvement Plan - Mile 10 N and Mile 5 1/2 W	Construction of an 8 acre detention pond, with approximately 4,000 LF of channel widening along the back of the neighborhoods and between the Justice Raul A. Gonzalez Elementary School and Joe Calvillo Jr Career & Technology Education Complex; replacemen	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110230	15000146	Infrastructure	1.21	Riverine	City of Weslaco	City of Weslaco	Yes	\$ 4,441,010.00	0		0.55	0.15	72	0	686	0	48	0	4.34	0
153000017	Weslaco Stormwater Improvement Plan - South International Boulevard and Business 83	Replacement of 48 – inch culverts at two roadway crossings with 6' x 4' RCBs.	15000005, 15000006	Hidalgo	12110207, 12110231	15000119, 15000146	Infrastructure	0.16	Riverine	City of Weslaco	City of Weslaco	Yes	\$ 93,808.00	0		0.06	0.01	183	0	310	0	73	0	4.55	0
153000018	Weslaco Stormwater Improvement Plan - Texas Boulevard to Airport Drive, South of Business 83	Construction of two detention ponds, 10 acres near Texas Boulevard and 18th Street and 3 acres south of Dawson Street, a berm, approximately 5,400 LF of channel widening and extension, and installation of an 8' x 4' RCB storm drain system near Border	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110232	15000119, 15000146	Infrastructure	2.45	Riverine	City of Weslaco	City of Weslaco	Yes	\$ 43,984,500.00	0		3.05	1.28	667	0	2399	0	344	0	32.52	0
153000019	Weslaco Stormwater Improvement Plan - West Weslaco	The project is located just west of Border Avenue, between US 83 and Zelma Street. Construction of three detention ponds, 18 acres east of Vaughn Road and Midway Road, 26 acres near West 6th Street and Milano Road and 60 acres at Harlon Block Sports Comp	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110233	15000119, 15000146	Infrastructure	2.25	Riverine	City of Weslaco	City of Weslaco	Yes	\$ 37,305,800.00	0		1.94	0.48	638	0	3620	1	244	0	27.78	0
153000020	Weslaco Stormwater Improvement Plan - Westgate Drive and Sugar Cane Drive	Construction of two detention ponds, 11 acres near Clecker-Heald Elementary School and 8 acres behind the commercial properties north of Interstate 2, approximately 4,500 LF of channel widening connecting the two ponds, addition of a new 42-inch reinforc	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110234	15000146	Infrastructure	1.98	Riverine	City of Weslaco	City of Weslaco	Yes	\$ 11,099,100.00	0		1.55	1.06	423	0	2931	0	178	0	30.15	0
153000021	Precinct 4 MDP - Risk Area A at Mile 8.5 Rd. & Ware Rd.	Approximately 1 mile of proposed channel improvements. Proposed culverts. Proposed Detention Ponds with pond north of Mile 8.5 Rd. to collect runoff from the west and has an approximate footprint of 12 acres and storage capacity of 60 acre-ft and will o	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110279	15000075	Infrastructure	0.79	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 19,899,000.00	0		0.46	0.13	124	0	499	0	90	0	5.71	0
153000022	Precinct 4 MDP - Risk Area B at Mile 6 & North Ware Rd.	Regional Detention Facilities with a pond footprint of 25 acres along the Existing HCDD1 West Main Drain. Storm Drain and Local Drainage Improvements. Channel maintenance.	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110280	15000075, 15000146	Infrastructure	2.57	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 27,175,500.00	0		1.31	0.18	311	0	1638	0	77	0	18.90	0
153000023	Precinct 4 MDP - Risk Area C at FM 2812 & FM 493	Channel Improvements (Widening & Regrading) to Existing J-01 Drain with approximately 1.5 miles of proposed improvements. Channel Improvements (Channel Maintenance & Flowline Regrading) to Existing DA-1 Ext. Drain with approximately 0.4 miles of proposed	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110281	15000096, 15000146	Infrastructure	16.08	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 7,887,000.00	0		5.96	2.10	273	0	1167	0	167	0	44.43	0
153000024	Precinct 4 MDP - Risk Area D at S. McColl & Canton Rd.	Channel Improvements (Widening & Regrading) to Existing McAllen Lateral & North Main Drain with approximately 2.25 miles of proposed improvements from S McColl St. to State Highway 107. Crossings at W Canton Rd., W Freddy Gonzalez Dr., and W Sprague St.	15000005, 15000006	Hidalgo	12110207, 12110282	15000146	Infrastructure	1.40	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 6,358,000.00	0		1.12	0.15	735	0	6686	1	131	0	46.66	0
153000025	Precinct 4 MDP - Risk Area E at Hwy 107 & Val Verde Rd.	Channel Improvements with approximately 0.3 miles of proposed improvements. Proposed detention pond north of Tex-Mex Rd. and east of S 87th St. has an approximate footprint of 4.25 acres and capacity of 20 acre-ft. Grate Inlets and Proposed Storm Drain 5	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110283	15000146	Infrastructure	0.09	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 4,983,000.00	0		0.08	0.01	58	0	280	0	16	0	4.59	0
153000026	Precinct 4 MDP - Risk Area F at Texas Rd. & Cesar Chavez Rd.	Channel Improvements with approximately 0.6 miles of proposed improvements. Grate Inlets and Proposed Storm Drain with grate inlets in sag spaced along every 500' lying into a 42" RCP along Cesar Chavez Road starting at just south of Texas Rd to t	15000005, 15000006	Hidalgo	12110207, 12110284	15000146	Infrastructure	0.56	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 7,920,000.00	0		0.12	0.16	33	0	155	0	48	0	3.26	0
153000027	Precinct 4 MDP - Risk Area G at Hoehn Rd. & Mile 11 Rd.	Channel Improvements with approximately 0.75 miles of proposed improvements. Proposed Pond north of County Road 3424 and west of County Road 3421 has an approximate footprint of 5 acres and capacity of 35 acre-ft. Grate Inlets and Proposed Storm Drain 5	15000005, 15000006, 15000007, 15000008	Hidalgo	12110207, 12110285	15000075	Infrastructure	0.79	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 6,061,000.00	0		0.47	0.08	141	0	592	0	36	0	10.16	0
153000028	Precinct 4 MDP - Risk Area I at Sharp Rd. & E Monte Cristo Rd	Inlets and proposed storm drain with Approximately 1,100' of 4'x4' RCB storm drain with curb inlets to be installed along Hendrix Dr. and Gaston Cr. with approximately 1,200' of 6'x4' RCB storm with grate and sag inlets along Uresti Rd. with	15000005, 15000006	Hidalgo	12110207, 12110286	15000096	Infrastructure	0.73	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 5,995,000.00	0		0.41	0.18	67	0	354	0	64	0	15.44	0
153000029	Precinct 4 MDP - Risk Area J at SH107 & FM 907	Channel Improvements (Widening & Regrading) to Existing HCDD1 "Y" drain with approximately 0.75 miles of proposed channel improvements beginning at Fresno Dr. and ending at E Curry Rd. Proposed Drainage Grate Inlets approximately 3,800' of storm dr	15000005, 15000006	Hidalgo	12110207, 12110287	15000146	Infrastructure	0.15	Riverine	Hidalgo County Precinct 4	Hidalgo County Precinct 4	Yes	\$ 3,608,000.00	0		0.08	0.03	19	0	144	0	26	0	3.78	0
153000030	Risk Area 11 Rancho Escondido	Project includes constructing 10'x2' U-shaped channel from Flores Drive to just south of Microtel Inn Suites, replacing existing culvert under Maza Drive with 1-8'x4' RCB, and installing curb inlet at cul-de-sac on Nancy Drive.	15000005, 15000006	Maverick	13080001, 13080002	15000150	Infrastructure	0.05	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 911,900.00	0		0.01	0.00	16	0	100	0	8	0	0.24	0
153000031	Risk Area 12 Fox Borough Drive	Project includes bypassing flow from inlet at PointLoma Drive and North Point Drive to the detention pond with 1 - 8'x4' RCB and installing additional curb inlets on N. Point Drive and Silver Oak Circle.	15000005, 15000006, 15000007, 15000008	Maverick	13080001, 13080002	15000150	Infrastructure	0.04	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 1,185,800.00	0		0.01	0.00	24	0	95	0	11	0	0.39	0

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153000016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0		No	Solutions are not for 1% ACE LOS		
153000017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0		No	Solutions are not for 1% ACE LOS		
153000018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0		No	Solutions are not for 1% ACE LOS		
153000019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0		No	Solutions are not for 1% ACE LOS		
153000020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0		No	Solutions are not for 1% ACE LOS		
153000021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	1.7	No	Need more information to determine no negative effects and BCR LOS		
153000022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	1.3	No	Need more information to determine no negative effects and BCR LOS		
153000023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	0.4	No	Need more information to determine no negative effects and BCR LOS		
153000024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	1.4	No	Need more information to determine no negative effects and BCR LOS		
153000025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	1.3	No	Need more information to determine no negative effects and BCR LOS		
153000026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	2.45	No	Need more information to determine no negative effects and BCR LOS		
153000027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	0.5	No	Need more information to determine no negative effects and BCR LOS		
153000028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	0.63	No	Need more information to determine no negative effects and BCR LOS		
153000029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	1.07	No	Need more information to determine no negative effects and BCR LOS		
153000030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	0.31	No	Need more information to determine no negative effects and BCR LOS		
153000031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Yes	0	No	0	0	No	Need more information to determine no negative effects and BCR LOS		

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FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watershed Name	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Reoccurring Noncapital Cost (\$)	Potential Funding Sources and Amount	Flood Risk									
																Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100-year flood risk	Estimated Population at 100-year flood risk	Critical facilities at 100-year flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100-year flood risk (Miles)	Estimated farm & ranch land at 100-year flood risk (acres)
153000032	Risk Area 13 Celle De Los Santos neighborhood. Additional culvert under irrigation canal.	Project includes upgrading existing culvert crossing irrigation canal from 2-6'x4' RCB to 4-6'x4' RCB.	15000005, 15000006	Maverick	13080001, 13080002	15000150	Infrastructure	0.13	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 181,500.00	0		0.38	0.02	8	0	50	0	9	0	0.26	0
153000033	Risk Area 15 Trib 3 Detention at Main Street	Project includes constructing 10 acre detention pond (29 ac-ft volume) along East Channel north of Highway 277 and installing flap-gates at flume outfalls on Omar Drive and Jana Drive, to prevent more frequent stormwater from backing up into the neighbor	15000005, 15000006, 15000007, 15000008	Maverick	13080001, 13080002	15000150	Infrastructure	1.24	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 828,300.00	0		0.60	0.06	191	0	1331	1	86	0	5.67	0
153000034	Risk Area 2 Treasure Hills	Project includes constructing a 4' deep trapezoidal concrete channel with 8' bottom width and 2:1 side slopes, from detention pond outfall to existing culverts.	15000005, 15000006	Maverick	13080001, 13080002	15000150	Infrastructure	1.07	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 597,300.00	0		0.65	0.08	26	0	268	0	71	0	5.11	0
153000035	Risk Area 3 Arrow Point Boulevard	Project includes constructing small retaining wall at downstream of flume outfall to force flow towards Stone Way and constructing a 2' wide and 6" deep concrete flume from existing flume outfall to Stone Way.	15000005, 15000006	Maverick	13080001, 13080002	15000150	Infrastructure	0.59	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 52,800.00	0		0.11	0.01	0	0	0	0	17	0	2.40	0
153000036	Risk Area 4 Bibb & Misty Willow storm drain	Project includes installing 6'x4' RCB along Misty Willow Drive from N Bibb Avenue to existing channel between N Bibb Avenue and Timber Valley and installing curb inlets on N Bibb Avenue and Misty Willow Drive.	15000005, 15000006	Maverick	13080001, 13080002	15000150	Infrastructure	0.06	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 316,800.00	0		0.01	0.00	17	0	79	0	12	0	0.56	0
153000037	Risk Area 5 Debona Drive	Project includes constructing a 5' deep trapezoidal channel approximately 30 feet wide with 3:1 side slopes and a 5' concrete pilot channel, replacing Juarez Street culvert with 8'x4' box culvert, and realigning existing channel to provide additional dis	15000005, 15000006	Maverick	13080001, 13080002	15000150	Infrastructure	0.10	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 359,700.00	0		0.04	0.01	3	0	118	0	31	0	1.76	0
153000038	Risk Area 6 Trib 2 bypass & detention at Eagle Pass High School fields	Project includes bypassing flow from Golfcrest Drive to the detention pond with 1-6'x4' RCB Modifying outfall structure from 2-5'x3' RCB to 1-5'x3' RCB, and Lowering existing baseball field by 3 ft to provide an additional 30 ac-ft of storage	15000005, 15000006, 15000007, 15000008	Maverick	13080001, 13080002	15000150	Infrastructure	0.10	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 957,000.00	0		0.04	0.01	5	0	18	0	17	0	1.10	0
153000039	Risk Area 8 Tributary 2 channel widening near Alexander Drive	Project includes constructing a 3' deep trapezoidal channel with a 76' bottom width with 4:1 side slopes from Graves Elementary School to the confluence of existing channels and constructing a 4' deep trapezoidal channel with a 11' bottom width with 4:1	15000005, 15000006	Maverick	13080001, 13080002	15000150	Infrastructure	0.60	Riverine	City of Eagle Pass	City of Eagle Pass	Yes	\$ 80,300.00	0		0.57	0.04	36	0	289	0	61	0	3.68	0

TABLE 13: POTENTIALLY FEASIBLE FLOOD MITIGATION PROJECTS IDENTIFIED BY RFPG

FMP ID	Reduction in Flood Risk												Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/Structure removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	Benefit-Cost Ratio	RFPG Recommendation (Y/N)	Reason for Recommendation
	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closures	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)												
153000032	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0	0.24	No	Need more information to determine no negative effects and BCR LOS	
153000033	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0	1.62	No	Need more information to determine no negative effects and BCR LOS	
153000034	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0	0.41	No	Need more information to determine no negative effects and BCR LOS	
153000035	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0	0.3	No	Need more information to determine no negative effects and BCR LOS	
153000036	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0	0.63	No	Need more information to determine no negative effects and BCR LOS	
153000037	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0	0.49	No	Need more information to determine no negative effects and BCR LOS	
153000038	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0		No	Need more information to determine no negative effects and BCR LOS	
	0	0	0	0	0	0	0	0	0	0	0	0			0	0	Yes	0	No	0		No	Need more information to determine no negative effects and BCR LOS	