

TABLE 17: POTENTIALLY FEASIBLE FLOOD MANAGEMENT STRATEGIES RECOMMENDED BY RFPG

Table 17: Potentially Feasible Flood Management Strategies Identified by RFPG

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Non-Recurring, Non-capital Cost (\$)	Potential Funding Sources and Amount	Cost/Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	Associated FMEs, FMSs, FMPs	RFPG Recommendation (Y/N)	Reason for Recommendation
15200001	Bayview Action #19	Upgrade the Town's website to include local information on hazards, risks, mitigation, protective actions, and applicable ordinances	15,000009, 15000010, 15000013, 15000014, 15000015, 15000016	Cameron	12110208			Flood Measurement and Warning	0	Urban	Bayview	Bayview	Yes	\$ 10,000	\$ 1,000	HMGP; Local funding	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200002	Bayview Action #7	Approve and Adopt FEMA Flood Insurance Rate Maps	15000019, 15000020	Cameron	12110208			Regulatory and Guidance	0	Urban	Bayview	Bayview	Yes	\$ 1,000	\$ 1,000	local Funding	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200003	Bayview Action #8	Develop cooperative agreement with state and county to address flood risk to roadways leading in and out of town – outside of jurisdictional boundaries	15000005, 15000006	Cameron	12110208			Regulatory and Guidance	0	Urban	Bayview	Bayview	Yes	\$ 1,000	\$ 1,000	local Funding	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200004	Bayview Action #9	Participate in the National Flood Insurance Program	15000023, 15000024	Cameron	12110208			Regulatory and Guidance	0	Urban	Bayview	Bayview	Yes	\$ 1,000	\$ 1,000	local Funding	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200005	Indian Lake Action #2	Educate property owners about residential mitigation measures for all natural hazards such as the need to elevate structures, implementing residential mitigation measures, install retaining walls, and avoid building in high hazard areas	15000037, 15000038	Cameron	12110208			Education and Outreach	0	Urban	Bayview	Bayview	Yes	\$ 1,000	\$ 1,000	General Fund; HMGP	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200006	Brownsville PUB Action #8	Develop program to annually remove buildup of silt in area Resacas that become cutoff from the river and contribute to flooding during severe flood or hurricane event	15000005, 15000006	Cameron	12110208			Regulatory and Guidance	0	Urban	Brownsville	Brownsville	Yes	\$ 20,000	\$ 1,000	grants	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200007	City of Brownsville Action #2	Join the Community Rating System program to reduce risk and flood insurance premiums to residents	15000027, 15000028	Cameron	12110208			Regulatory and Guidance	0	Urban	Brownsville	Brownsville	Yes	\$ 100,000	\$ 1,000	Local Revenue, Storm water fee	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200008	Indian Lake Action #11	Adopt revised floodplain ordinance to include model ordinance language and higher NFIP standards such as freeboard	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	Indian Lakes	Indian Lakes	Yes	\$ 1,000	\$ 1,000	General Fund; HMGP	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200009	Indian Lake Action #9	Prepare and advertise local evacuation plan and procedures	15000013, 15000014	Cameron	12110208			Education and Outreach	0	Urban	Indian Lakes	Indian Lakes	Yes	\$ 1,000	\$ 1,000	General Fund; HMGP; FEMA AFG	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200010	Port Isabel Action #10	Prepare local evacuation plan	15000013, 15000014	Cameron	12110208			Education and Outreach	0	Urban	Port Isabel	Port Isabel	Yes	\$ 1,000	\$ 1,000	HMGP; General Fund; AFG	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200011	Port Isabel Action #11	Update floodplain management ordinances to include higher standards required to join the CRS program; Join the CRS program upon adoption of ordinance	15000025, 15000026, 15000027, 15000038	Cameron	12110208			Regulatory and Guidance	0	Urban	Port Isabel	Port Isabel	Yes	\$ 1,000	\$ 1,000	HMGP; General Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200012	Port Isabel Action #12	Adopt NFIP model ordinance with higher floodplain standards	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	Port Isabel	Port Isabel	Yes	\$ 1,000	\$ 1,000	HMGP; General Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200013	Port Isabel Action #21	Develop a plan to use the internet and social media to warn citizens of disasters and extreme weather on a regular basis as well as how to prepare for such events and mitigate damages	15000013, 15000014	Cameron	12110208			Flood Measurement and Warning	0	Urban	Port Isabel	Port Isabel	Yes	\$ 1,000	\$ 1,000	HMGP; General Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200014	Port Isabel Action #25	Develop an early warning system for residents to notify of natural disasters	15000009, 15000010	Cameron	12110208			Flood Measurement and Warning	0	Urban	Port Isabel	Port Isabel	Yes	\$ 100,000	\$ 1,000	HMGP; General Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200015	Primera Action #1	Amend subdivision ordinances to require retention or detention ponds in any new subdivision	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	Port Isabel	Port Isabel	Yes	\$ 5,000	\$ 1,000	Local Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200016	Primera Action #10	Adopt higher floodplain standards such as freeboard and cumulative substantial damage	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	Primera	Primera	Yes	\$ 5,000	\$ 1,000	Local Funds; HMGP	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200017	Primera Action #8	Develop an early warning system to new areas of the jurisdiction to alert residents of impending severe weather	15000009, 15000010	Cameron	12110208			Flood Measurement and Warning	0	Urban	Primera	Primera	Yes	\$ 75,000	\$ 1,000	Local Funds; HMGP	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200018	Rancho Viejo Action #3	Adopt the International Building Code (IBC) and International Residential Code (IRC); revise and update regulatory floodplain maps; adopt higher standards in floodplain ordinances including freeboard, no-rise in the floodplain, cumulative substantial damage, etc.	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	Primera	Primera	Yes	\$ 5,000	\$ 1,000	Local Funds; HMGP	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200019	Rancho Viejo Action #11	Update website with maps and information including StormReady data and links; Mail educational brochures to residents in hazard-prone areas on mitigation measures to reduce damages	15000009, 15000010, 15000015, 15000016	Cameron	12110208			Education and Outreach	0	Urban	Ranch Viejo	Ranch Viejo	Yes	\$ 5,000	\$ 1,000	Local Funds; HMGP	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200020	Rio Hondo Action #4	Adopt ASCE24-05 Flood Resistant Design and Construction to reduce flooding caused by Storm Surge	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	Ranch Viejo	Ranch Viejo	Yes	\$ 2,000,000	\$ 1,000	USDA; City Funds; HMGP	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200021	San Benito Action #13	Adopt higher standards into the flood damage prevention ordinance to limit floodplain development and provide higher protection to structures in the floodplain	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	San Benito	San Benito	Yes	\$ 10,000	\$ 1,000	CDBG; EDC; Pre-Disaster Mitigation Grant Program	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200022	South Padre Island #13	Adopt higher floodplain standards in local floodplain ordinance	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	South Padre Island	South Padre Island	Yes	\$ 5,000	\$ 1,000	HMGP; Local Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200023	South Padre Island #3	Adoption erosion control ordinance and prohibit development in high-hazard areas	15000025, 15000026	Cameron	12110208			Regulatory and Guidance	0	Urban	South Padre Island	South Padre Island	Yes	\$ 5,000	\$ 1,000	HMGP; Local Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200024	Alamo # 4-1.1	Develop plan to create A Working Evacuation List For Emergency Situations. Prioritize Flood Prone Areas	15000005, 15000006	Hidalgo	12110208			Regulatory and Guidance	0	Urban	Alamo	Alamo	Yes	\$ 1,000	\$ 1,000	Identify Grants; Police Department Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200025	Alamo #5-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Alamo	Alamo	Yes	\$ 2,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.

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15200026	Edcouch #3-1.1	Complete Activities Required To Be A Nfip Participating Community	15000023, 15000024	Hidalgo	12110208			Regulatory and Guidance	0	Urban	Edcouch	Edcouch	Yes	\$ 5,000	\$ 1,000	FEMA	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200027	Edcouch #5-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Edcouch	Edcouch	Yes	\$ 2,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200028	Edcouch #7-1.1	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15,000009, 15000010, 15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Edcouch	Edcouch	Yes	\$ 25,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200029	Edinburg #1-1.2	Develop a Reverse 9-1-1 System	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Edinburg	Edinburg	Yes	\$ 250,000	\$ 1,000	Federal, State, & Local	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200030	Edinburg #7-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Edinburg	Edinburg	Yes	\$ 1,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200031	Edinburg #9-1.2	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Edinburg	Edinburg	Yes	\$ 31,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200032	Hidalgo #5-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110207, 12110213			Education and Outreach	0	Urban	Hidalgo	Hidalgo	Yes	\$ 5,000	\$ 1,000	N/A	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200033	Hidalgo County #11-1.2	Develop a An Inspection, Maintenance, And Enforcement Program To Ensure Continued Structural Integrity of Dams And Levees.	15000021, 15000022	Hidalgo	12110207, 12110231			Regulatory and Guidance	0	Urban	Hidalgo County	Hidalgo County	Yes	\$ 10,000	\$ 1,000	Jurisdiction Budget, Grants	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200034	Hidalgo County #12-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110207, 12110233			Flood Measurement and Warning	0	Urban	Hidalgo County	Hidalgo County	Yes	\$ 100,000	\$ 1,000	FEMA, Department Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200035	Hidalgo County #14-1.1	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15000013, 15000014	Hidalgo	12110207, 12110236			Flood Measurement and Warning	0	Urban	Hidalgo County	Hidalgo County	Yes	\$ 100,000	\$ 1,000	Department Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200036	Hidalgo County #2-2.1	Incorporate Assessments of Hazards, Including Hurricane, Flood, Wild Land Fires, And Severe Storms, Into Site Selection And Design For New Buildings And When Siting Or Leasing County Facilities	15000019, 15000020	Hidalgo	12110207, 12110213			Flood Measurement and Warning	0	Urban	Hidalgo County	Hidalgo County	Yes	\$ 25,000	\$ 1,000	Annual Dept. Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200037	Hidalgo County #3-1.2	Enhance The Appropriate Websites To Provide Convenient Access To Most Current Hazard Maps.	15000013, 15000014, 15000037, 15000038	Hidalgo	12110207, 12110217			Education and Outreach	0	Urban	Hidalgo County	Hidalgo County	Yes	\$ 50,000	\$ 1,000	Annual Dept. Budget And External Funding	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200038	La Villa #6-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Education and Outreach	0	Urban	La Villa	La Villa	Yes	\$ 1,000	\$ 1,000	N/A	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200039	La Villa #8-1.1	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	La Villa	La Villa	Yes	\$ 31,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200040	McAllen #11-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	McAllen	McAllen	Yes	\$ 1,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200041	McAllen #1-2.1	Develop Emergency Notification Awareness System For Traveling Public Via Transportation System In The Event of Severe Weather In McAllen	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	McAllen	McAllen	Yes	\$ 500,000	\$ 1,000	Grants, Matching City Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200042	McAllen #1-2.1	Develop a plan to provide A Means of Disseminating Emergency Information To The Citizens of McAllen	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	McAllen	McAllen	Yes	\$ 500,000	\$ 1,000	Grants, Matching City Funds	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200043	Mercedes #11-1.1	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Mercedes	Mercedes	Yes	\$ 25,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200044	Mercedes #9-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Other	0	Urban	Mercedes	Mercedes	Yes	\$ 1,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200045	Mission #1-1.1	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Mission	Mission	Yes	\$ 31,000	\$ 1,000	City of Mission	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200046	Mission #7-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Mission	Mission	Yes	\$ 9,000	\$ 1,000	City of Mission	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200047	Palmview #5-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Education and Outreach	0	Urban	Palmview	Palmview	Yes	\$ 1,000	\$ 1,000	N/A	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200048	Palmview #7-1.1	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Palmview	Palmview	Yes	\$ 31,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200049	Pharr #10-1.1	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Pharr	Pharr	Yes	\$ 5,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200050	Pharr #8-1.1	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	15000013, 15000014	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Pharr	Pharr	Yes	\$ 1,000	\$ 1,000	Jurisdiction Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.
15200051	Alamo # 4-1.2	Develop a plan to Provide Traffic Control And Evacuation Assistance During Emergency Situations	15000005, 15000006	Hidalgo	12110208			Flood Measurement and Warning	0	Urban	Alamo	Alamo	Yes	\$ 10,000	\$ 1,000	Identify Grants; Police Department Budget	0	No	No	No	No	No	Yes	Strategy complies with the RFPG & TWDB criteria for FMSs.