

Appendix 5D

FMPs Recommended by the RFPG

Table 5D. Flood Mitigation Projects Recommended by RFPG

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/Structure removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	How No Negative Impact was Determined	Social Vulnerability Index (SVI)	Water Supply Benefit (Y/N)	Benefit-Cost Ratio	RFPG Recommendation (Y/N)	Reason for Recommendation
14300003	Small pond at San Elizario	Construct a new 0.34 ac-ft pond to relieve roadway flooding. Described as Alternative 3 from City of San Elizario "Drainage Feasibility Study" (2018).	14009001, 14009003	El Paso	130401000307	Detention Pond	0.001	Urban/Local	San Elizario city	San Elizario city	No	\$224,000	General Revenue	N/A	0	No	No	Engineering Judgment (Append. 5B, Section 5B-5)	0	No	0	Yes	In alignment with RFPG and Stakeholder Goals
14300005	SH20 Drainage Improvements from Doniphan Drive to Texas Avenue	Improvements to inlet and culvert capacities at 8 crossings, with cost estimates and prioritizations available.	14010001, 14010002	El Paso	130401000107	Storm Drain	0.1	Urban/Local	TXDOT, El Paso Water	TXDOT, El Paso Water	No	\$3,745,000	Revenue bonds, Cash Revenues, Credit	N/A	0	No	No	Engineering Judgment (Append. 5B, Section 5B-6)	0.29	No	0	Yes	In alignment with RFPG and Stakeholder Goals
14300007	Install Flood Gates in Marfa and Monitoring Gage on North Alamito Creek and Highway 17	Add flood gates to roadways at 4 LWCs on Alamito Creek, and a monitoring gage/early detection on North Alamito Creek at Hwy 17 Bridge upstream of Marfa. This provides early warning for Emergency Management to deploy before imminent road flooding.	14005001, 14006001	Presidio County	130402020105	Preparedness	0.02	Riverine	Marfa city	Marfa city	Yes	\$358,000	General Funds	N/A	0	No	No	Engineering Judgment (Append. 5B, Section 5B-7)	0.00	No	0	Yes	In alignment with RFPG and Stakeholder Goals
14300009	Develop and Implement Floodplain Ordinance to Regulate Development at Hudspeth County	Coordinate with Hudspeth County Commissioners, Road & Bridge Departments, Safety & Inspection Departments, & County Attorney to draft a floodplain ordinance (or modify existing subdivision ordinance) to regulate development standards in Hudspeth County.	14001001, 14002001	Hudspeth County		Other	4552.1	Riverine, Playa, Urban/Local	Hudspeth County	Hudspeth County	No	\$50,000	General Revenue	N/A	0	No	No	Engineering Judgment (Append. 5B, Section 5B-7)	0.56	No	0	Yes	In alignment with RFPG and Stakeholder Goals
14300011	SSA4	Detention Basin SSA4	14009003, 14009001, 14011001	El Paso	130401000204	Detention Pond	0.1	Riverine	El Paso County	El Paso County	No	\$14,744,000	General Funds, Bonds, Tax Notes	\$148,929	0	No	No	Model IDs: 140000000016 and 140000000015	0.902	No	0.1	Yes	In alignment with RFPG and Stakeholder Goals
14300021	SOC4	Sediment/Detention Basin at "Mankato Arroyo"	14009003, 14009001, 14011001	El Paso	130401000307	Detention Pond	0.04	Riverine	El Paso County, EPCWID1	El Paso County, EPCWID1	No	\$2,383,000	Taxes, water use fees	\$238,300	0	No	No	Model IDs: 140000000021 and 140000000018	0.943	No	0.1	Yes	In alignment with RFPG and Stakeholder Goals
14300024	MON3	Sediment/Retention Basin	14009003, 14009001, 14011001	El Paso	130401000203	Detention Pond	1.3	Playa	El Paso County	El Paso County	No	\$27,033,000	General Funds, Bonds, Tax Notes	\$82,670	0	No	No	Model IDs: 140000000019 and 140000000020	0.739	No	0.2	Yes	In alignment with RFPG and Stakeholder Goals
14300025	HAC3	Sediment/Retention Basin	14009003, 14009001, 14011001	El Paso	130401000307	Detention Pond	0.1	Riverine	El Paso County	El Paso County	No	\$4,619,000	General Funds, Bonds, Tax Notes	\$461,900	0	No	No	Model IDs: 140000000021 and 140000000022	0.985	No	0	Yes	In alignment with RFPG and Stakeholder Goals
14300097	NW16	Expand channel from Village Ct to Doniphan Dr	14009003, 14009001	El Paso	130301020906	Channel	0.0	Urban/Local	El Paso Water	El Paso Water	No	\$1,570,000	Revenue bonds, Cash Revenues, Credit	\$523,333	0	No	No	Model IDs: 140000000002 and 140000000001	0.889	No	0	Yes	In alignment with RFPG and Stakeholder Goals
143000100	NE3B	Alcan Pond: new catch basin to capture FP15 upstream	14009003, 14009001, 14011001	El Paso	130401000103	Detention Pond	0.1	Urban/Local	El Paso Water	El Paso Water	No	\$21,234,000	Revenue bonds, Cash Revenues, Credit	\$393,222	0	No	No	Model IDs: 140000000031 and 140000000030	0.779	No	0.1	Yes	In alignment with RFPG and Stakeholder Goals
143000105	EA10A	Build sediment/detention basin upstream of Paseo del Este Drive	14009003, 14009001, 1401101	El Paso	130401000204	Detention Pond	0.02	Riverine	El Paso Water	El Paso Water, El Paso County	No	\$9,647,000	Revenue bonds, Cash Revenues, Credit	\$9,647,000	0	No	No	Model IDs: 140000000029 and 140000000028	0.644	No	0	Yes	In alignment with RFPG and Stakeholder Goals
143000111	NW3	Construction of new larger capacity Doniphan Pump Station to replace PS1, with new force main directly to the Rio Grande. Install new catch basin with mechanical bar screen upstream of PS2.	14009003, 14009001	El Paso	130401000107	Storm Drain	0.3	Urban/Local	El Paso Water	El Paso Water	No	\$16,132,000	Revenue bonds, Cash Revenues, Credit	\$2,688,667	0	No	No	Engineering Judgment (Append. 5B, Section 5B-3)	0.786	No	0	Yes	In alignment with RFPG and Stakeholder Goals
143000113	NW26	Acquire land, construct a permanent wetland, install a storm drain system to Doniphan Drive, construct pipeline to Doniphan Pump Station and build new pump station to control flood levels.	14009003, 14009001	El Paso	130401000107	Detention Pond	0.2	Urban/Local	El Paso Water	El Paso Water	No	\$35,568,000	Revenue bonds, Cash Revenues, Credit	N/A	1	No	No	Engineering Judgment (Append. 5B, Section 5B-3)	0	No	0	Yes	In alignment with RFPG and Stakeholder Goals
143000116	EA9A	Build sediment/detention basin upstream of Paseo del Este Drive	14009003, 14009001, 14011001	El Paso	130401000204	Detention Pond	0.04	Riverine	El Paso Water	El Paso Water	No	\$11,897,000	Revenue bonds, Cash Revenues, Credit	\$915,154	0	No	No	Model IDs: 140000000029 and 140000000028	0.644	No	0	Yes	In alignment with RFPG and Stakeholder Goals