

Table 12. Identified Flood Management Evaluations*

FME ID	FME Name	Description	County	Sponsor	Estimated Study Cost
141000001	Develop a plan for a Sediment and Vegetation Control Program in the Rio Grande at El Paso	Assess Rio Grande capacity in El Paso County considering updated hydrology, sediment, and vegetation conditions. Establish maintenance program with minimum risk-based channel capacity. Address maintenance agreements between U.S. and Mexico.	El Paso	El Paso Water, El Paso County, EPCWID1	118000
141000002	Develop H&H Models for Cibolo Creek and arroyos through the City of Presidio, and develop an FMP for flood reduction of buildings and emergency access roadways.	Develop H&H models for Cibolo Creek and the City of Presidio arroyos to evaluate flood risk. Develop FMPs, an interior drainage analysis for east Cibolo Creek levee, and a coincident storm analysis for Cibolo Creek, the Rio Conchos, and the Rio Grande.	Presidio	Presidio city, Presidio County	201000
141000003	Arroyo Siphon at SH20 near Tornillo	Coordinate with TXDOT to install siphon at SH20 to prevent road from overtopping and stormwater from entering EPCWID1 canal system.	El Paso	El Paso County, EPCWID1, TXDOT	42000
141000004	Lower Mesa Drain Improvements at El Paso	Assess capacity of upstream reservoirs; develop detailed hydraulic model of Lower Mesa Drain to design 30+ culvert improvements; assess capacity of Mesa Drain to accept runoff without impacting downstream agricultural property.	El Paso	El Paso Water, El Paso County, EPCWID1	758000
141000005	Develop solution for flooding of San Elizario historic district, and localized flooding in San Elizario and adjacent communities	Develop Stormwater Master Plan for San Elizario, including drainage swales to convey runoff into the River Drain and relieve localized ponding, as well as plantings along flowpaths for butterfly habitat.	El Paso	San Elizario city, El Paso County	80000
141000006	Increase Storage Capacity of Fort Bliss Sump	Excavate Fort Bliss Sump while avoiding newly delineated wetland to increase storage capacity of sump. Requires continued coordination with U.S. Army due to project location on Fort Bliss.	El Paso	El Paso Water	33000
141000008	Sediment Control at Alamito and Termeros Creek	Design sediment control structures on Alamito Creek and Termeros Creek upstream of confluence with the Rio Grande to reduce sediment in the Rio Grande and reduce USIBWC maintenance burden.	Presidio	Presidio County	122000
141000010	Develop city-wide drainage study and stormwater master plan for Pecos	Develop city-wide drainage study and stormwater master plan for City of Pecos and adjacent Lindsay Census Designated Place. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Reeves	Pecos city, Lindsay CDP, Reeves County, TXDOT	101000
141000012	Dam Improvements at Comanche Creek Reservoir at Fort Stockton	Inspect and evaluate rehabilitation improvements for Comanche Creek Reservoir to protect Fort Stockton from similar flooding to that which occurred on April 4, 2004.	Pecos	Fort Stockton city, Pecos County	75000
141000014	Develop a Colonia-wide Drainage System at Fort Hancock	Conduct surveys and drainage study to define flood areas, size 5th St crossing structures, develop H&H models, and propose FMPs. Address flooding at Hwy 20, Mustang Rd, and complete Supplemental Watershed Plans for Camp Rice Dam 1, Alamo Dam 3.	Hudspeth	Hudspeth County	875000
141000015	Prioritize arroyos on their likelihood of producing sediment/debris flows	Investigate uncontrolled arroyos that have created flood damages and high maintenance costs. Develop method to estimate relative production of sediment for uncontrolled arroyos and estimate added flood risk associated with drainage conveyance blockage.	El Paso	El Paso Water, El Paso County, EPCWID1	77000
141000018	Conduct flood risk assessment at El Paso locations where drainage is controlled by river stage, and there are significant flood risks on the non-river side of the levee.	Identify the Rio Grande outfalls that are most susceptible to blockage, and most likely to allow flood damage during periods of high river stage.	El Paso	El Paso Water, El Paso County	77000
141000019	Plan for mitigation of drainage controls where ground water reduces storm water conveyance capacity in the Montoya Drain	Perform H&H modeling to develop a FMP for increasing the capacity of Montoya Drain through measures to control groundwater intrusion into the drain.	El Paso	El Paso Water, EPCWID1	143000
141000021	Develop city-wide drainage study and stormwater master plan for the City of Kermit.	Develop city-wide drainage study and stormwater master plan for Kermit. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Winkler	Kermit city, Winkler County	82500
141000022	Develop solutions for flooding near Sierra Blanca	Develop drainage study and stormwater master plan for Sierra Blanca and surrounding ranches with access issues during floods. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Hudspeth	Hudspeth County	83000
141000023	Develop city-wide drainage study and stormwater master plan for Alpine	Develop city-wide drainage study and stormwater master plan for Alpine. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Brewster	Alpine city, Brewster County	65000
141000024	Develop Supplemental Watershed Plans for flood control dams protecting Sonora	Assess & evaluate rehabilitation improvements for 7 NRCS dams identified by TCEQ as "Hydraulically Inadequate". Define upgrades of dams in Supplemental Watershed Plans for Dry Devils & Lowry Dams 3, 4, 5, 7, 8, 10, & 12.	Sutton	Sonora City, Sutton County	1605000
141000025	Develop Supplemental Watershed Plans for flood control dams protecting Ozona	Assess & evaluate rehabilitation improvements for NRCS dam identified by TCEQ as "Hydraulically Inadequate". Define upgrades of dam in Supplemental Watershed Plans for Johnsons Draw SCS Site 7 Dam.	Crockett	Ozona CDP, Crockett County	1605000
141000026	Develop city-wide drainage study and stormwater master plan for Monahans/Southwest Sandhill	Develop drainage study and stormwater master plan for City of Monahans and Southwest Sandhill Census Designated Place. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Ward, Winkler	Monahans city, Southwest Sandhill CDP, Ward County	115000
141000033	Develop city-wide drainage study and stormwater master plan for City of Socorro	Develop city-wide drainage study and stormwater master plan for Socorro. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	El Paso	Socorro city, El Paso County	80500

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141000034	Develop FMPs for additional projects in City of El Paso/El Paso Water Stormwater Master Plan	Develop all required datasets and models for 52 projects from the City of El Paso/El Paso Water Stormwater Master Plan to be recommended as FMPs in the Regional Flood Plan.	El Paso	El Paso Water	1415000
141000035	Develop FMPs for additional projects from the El Paso County Stormwater Master Plan	Develop all required datasets and models for 21 projects from the El Paso County Stormwater Master Plan to be considered as FMPs in the Regional Flood Plan.	El Paso	El Paso County	305000
141000036	Install Instrumentation to Enhance Estimate of Flood Risk for City of Alpine	Procure and install 5 stage gages and 6 precipitation gages in and upstream of the City of Alpine, Texas.	Brewster	Alpine city, Brewster County	104000
141000037	FM 259 and Railroad Crossing	Improve railroad crossing structure condition through sedimentation remediation. Establish maintenance program with minimum risk-based channel capacity. Address maintenance agreements between the U.S. and Mexico. Assess risks in El Paso County associated with varying levels of Rio Grande channel maintenance.	El Paso	El Paso County	117000
141000038	Anthony Street Flooding	Assess drainage conditions at 1st Street and La Tuna Avenue in the community of Anthony.	El Paso	El Paso County	130000
141000039	1st Avenue Channel Extension	Extend 1st Street channel to help manage discharge from a northern watershed into the Rio Grande.	El Paso	El Paso County	139000
141000040	3rd and Talbot Basin and Channel	Development of a detention basin to the east of 3rd Street.	El Paso	El Paso County	136000
141000041	Sparks Arroyo Lining	Armoring of an arroyo stream flowing through the city of Sparks, Texas and flowing under I-10.	El Paso	El Paso County	130000
141000042	Ozona Low Water Crossing	Several problem low-water crossings have been identified that direct flow south of the city of Ozona. These crossings have been identified due to their potential to impact the nearby floodway and floodplain extents. As such, these structures require detailed modeling.	Crockett	Ozona CDP, Crockett County	188000
141000043	Maple Street Flooding	I-10 passes through the community of Ozona, and the area south of the on ramp connecting to I-10 is experiencing inundation to the area south of Maple Street.	Crockett	Ozona CDP, Crockett County	124000
141000046	Loma Linda Floodplain Analysis	Conduct a detailed floodplain analysis on the immediate area surrounding the community of Loma Linda.	Hudspeth	Hudspeth County	108000
141000047	Standard Avenue Basin	Development of a drainage basin to mitigate flooding affecting the nearby neighborhood area.	Winkler	Kermit city, Winkler County	145000
141000048	Jeffee Drive and Jim Sharp Boulevard Flooding	Study of an identified flooding location at the intersection of Jeffee Drive and Jim Sharp Boulevard.	Winkler	Kermit city, Winkler County	135000
141000049	East Austin Street Flooding	Study of an identified flooding area along Austin Street.	Winkler	Kermit city, Winkler County	145000
141000050	Presidio Northeast Ponding Analysis	Perform H&H modeling to develop a FMP for drainage ponds that are being built within the city of Presidio.	Presidio	Presidio city, Presidio County	142500
141000051	Ojinaga and Longhorn Flooding Analysis	Perform H&H modeling to develop a FMP for two roads experiencing inundation within the city of Presidio.	Presidio	Presidio city, Presidio County	133000
141000052	Presidio Southeast Arroyo Analysis	Perform H&H modeling to develop a FMP for the arroyos affecting the roads running east to west throughout the city of Presidio.	Presidio	Presidio city, Presidio County	204000
141000053	Presidio Arroyo Low Water Crossing Analysis	Perform H&H modeling to develop a FMP for the low water crossing structures channeling arroyos within the city of Presidio.	Presidio	Presidio city, Presidio County	132000
141000054	Park Green Infrastructure and Basin	The community of San Elizario is interested in exploring upgrades to current green infrastructure existing at a park located between Coldwell and Alarcon Road.	El Paso	San Elizario city, El Paso County	132000
141000055	Alarcon Road and Bugambilia Drive Flood	Study of an identified flooding location at the intersection of Alarcon Road and Bugambilia Drive.	El Paso	San Elizario city, El Paso County	132000
141000056	Glorietta Road and San Antonio Street Flooding	Study of an identified flooding location at the intersection of Glorietta Road and San Antonio Street.	El Paso	San Elizario city, El Paso County	128000
141000057	Socorro Road and San Antonio Street Flooding	Study of an identified flooding location at the intersection of Socorro Road and San Antonio Street.	El Paso	San Elizario city, El Paso County	128000
141000058	Historic District Drainage Analysis	The community of San Elizario is interested in exploring upgrades to current infrastructure existing within the historic district in downtown San Elizario.	El Paso	San Elizario city, El Paso County	138000
141000059	San Elizario Basin	The community of San Elizario is interested in exploring upgrades to current infrastructure existing within the historic district in downtown San Elizario.	El Paso	San Elizario city, El Paso County	133000
141000060	Nancy Drive Low Water Crossing	Several low water crossing structures have been identified as experiencing flooding and sedimentation issues. These low water crossings help convey flow from arroyo channels upstream.	El Paso	Socorro city, El Paso County	134000

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14100061	Quail Mesa Colonia Low Water Crossings	Several low water crossing structures have been identified as experiencing flooding and sedimentation issues. These low water crossings help convey flow from arroyo channels upstream, with these specific crossing structures impacting a number of residential and agricultural structures.	El Paso	Socorro city, El Paso County	132000
14100062	Dry Devils Lows Water Crossing Analysis	Detailed study of the Dry Devils River, and the behavior of the low water crossing structures found throughout the community during a storm event.	Sutton	Sonora City, Sutton County	168000
14100063	Lowrey Draw Low Water Crossing Analysis	Detailed study of Lowrey Draw, and the behavior of the low water crossing structures found throughout the community along this reach during a storm event.	Sutton	Sonora City, Sutton County	170000
14100064	Sonora HWY 277 Crossing Analysis	Detailed study of the Low Water Crossing found at the intersection of Highway 277 and the Dry Devils River, and the development of different geometry alternatives for this crossing structure.	Sutton	Sonora City, Sutton County	134000
14100065	Sonora WWTP Low Water Crossing Analysis	Detailed study of the Low Water Crossing found at the intersection of a newly built access road servicing the wastewater treatment plant, and the development of different geometry alternatives for this crossing structure found over the Dry Devils River.	Sutton	Sonora City, Sutton County	138000
14100066	Oak Street and Pecan Lane Flooding	Assess drainage conditions along Oak Street and Pecan Lane near coliche yards in Ward County.	Ward	Monahans city, Southwest Sandhill CDP, Ward County	139000
14100067	36th Street Drainage	Assess drainage conditions along 36th Street near coliche yards in Ward County.	Ward	Monahans city, Southwest Sandhill CDP, Ward County	139000
14100068	Develop city-wide drainage study and stormwater master plan for Ozona CDP	Develop drainage study and stormwater master plan for Ozona CDP. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Crockett	Ozona CDP, Crockett County	60000
14100069	Develop city-wide drainage study and stormwater master plan for Sonora City	Develop drainage study and stormwater master plan for Sonora City. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Sutton	Sonora city, Sutton County	60000
14100070	Develop county-wide drainage study and stormwater master plan for Hudspeth County	Develop drainage study and stormwater master plan for Hudspeth County. Develop detailed H&H models and floodplain maps. Evaluate FMP alternatives.	Hudspeth	Hudspeth County	60000
14100071	El Paso Channels Assessment	Comprehensively assess EPWater's drainage channels by evaluating their hydraulic capacity to manage stormwater flows per current standards and reviewing their structural integrity to ensure ongoing reliability and safety.	El Paso	El Paso Water	1800000
14100072	Alpine DMP		Brewster	Alpine city, Brewster County	60000
14100073	Develop EAPs Hudspeth County Dams (5 dams)	Develop Emergency Action Plans (EAPs) for Hudspeth County Dams to enhance preparedness and response capabilities for potential emergencies with their dams.	Hudspeth	Crockett County	250000
14100074	Develop EAPs Crockett County Dams (7 Dams)	Develop Emergency Action Plans (EAPs) for Crockett County Dams to enhance preparedness and response capabilities for potential emergencies with their dams.	Crockett	Hudspeth County	350000

* This summary table is only applicable for the Technical Memorandum midpoint deliverable and shall include all identified potential flood management evaluations.

^A Leave blank if too many for text field length (254 characters)

^B Should not include power generating structures