

Table 14. Identified Potentially Feasible Flood Management Strategies

FMS ID	FMSName	Description	County	Sponsor	Estimated Study Cost	Water Supply Benefit (Y/N)
142000001	FEMA Levee Accreditation for All Rio Grande Levees at El Paso	Coordination needed between USIBWC, FEMA, El Paso Water, El Paso County, Doña Ana County, and Hudspeth County to certify and accredit all remaining levee segments through El Paso County. Interior drainage studies are needed in Hudspeth and Doña Ana.	El Paso	USIBWC, El Paso Water, El Paso County, Doña Ana County, Hudspeth County	530000	N
142000002	Irrigation and Recharge Application of Captured Rainwater Runoff at Alpine	Construct rainwater basins at 3 locations around Kokernot Park to drain neighboring streets, impound runoff volume, promote infiltration and aquifer recharge, reduce landscaping water costs, and remediate pollutants.	Brewster	City of Alpine, Brewster County	1410000	Y
142000003	Implement Colonia-wide Drainage System and Maintenance and Outreach Program for Roadside Swales and Driveway Culverts at Fort Hancock	Construct drainage improvements as detailed in FME ID: 141000014; maintain existing roadside ditches/swales to ensure positive drainage; and develop an outreach program to encourage residents to maintain and repair driveway culverts.	Hudspeth	Fort Hancock CDP, Hudspeth County	445000	N
142000004	Coordination with Ft. Bliss for FMP Permitting and Maintenance Access	El Paso Water designed NE7 on Ft. Bliss near unexploded ordnances (UXOs), and has an easement to maintain Fusselman and Northgate Dams, but can't access them due to UXOs. El Paso County designed MON1 on Ft. Bliss near a training ground and potential UXOs.	El Paso	El Paso Water, El Paso County, U.S. Army	54000	N
142000005	Maintenance Program to control Salt Cedar vegetation along Rio Grande upstream of Presidio	Study to develop alternatives to clear vegetation along the Rio Grande between Candelaria and City of Presidio to allow for proper drainage for communities located along FM 170. Coordination needed between RGCOG, Presidio County, TXDOT, USACE and USIBWC.	Presidio	RGCOG, Presidio County, TXDOT, USIBWC, USACE	107000	N
142000006	Study Binational Streamflow Recommendations for Big Bend Reach of Rio Grande/Rio Bravo	Conduct study with recommendations for binationally beneficial stream flows for Big Bend reach of the Rio Grande/Rio Bravo. Study will identify stream flows to support the river's ecological environment in state and federal parks in the U.S. and Mexico.	Presidio, Brewster	Presidio County, USIBWC, RG/B Basin Flows Collaboration, Rio Grande Joint Venture	70000	N
142000007	Study to plan the management of saltcedar growth and debris in channels in/adjacent to City of Pecos	Study to identify and characterize alternatives to manage vegetation in natural drainages in and adjacent to the City of Pecos to increase conveyance and reduce flooding within the City of Pecos.	Reeves	City of Pecos, Reeves County	80000	Y
142000008	Develop Certification Package for Cibolo Creek Channel and Levee	Perform planning and design required by FEMA for levee accreditation, then complete certification package for Cibolo Creek levee in vicinity of City of Presidio. Package includes O&M Plan.	Presidio	USACE, Presidio County, City of Presidio	87000	N
142000009	Regulatory Review of Off-Road Traffic on State Lands	Coordination should take place between EPCWID1, El Paso County, and State land owners to discuss enforcement of restrictions associated with off-road motor vehicles on undeveloped land.	El Paso	EPCWID1, El Paso County, Texas GLO	109000	N
142000010	Regulatory Review of Impervious Cover on New Development in El Paso County	Coordination should take place between EPCWID1, El Paso County, and Texas GLO land owners to discuss revisions to development regulations associated with detention and impervious cover.	El Paso	EPCWID1, El Paso County, Texas GLO	70500	N
142000013	Staff augmentation support or funding for at risk communities to join and/or enforce the NFIP	Prioritize and provide staff augmentation support or funding for at risk communities not currently participating in the NFIP or communities with limited resources to enforce the NFIP. Aid communities in implementing recommended minimum standards.	Presidio, Hudspeth, Reeves, Andrews, Edwards, Pecos, Winkler	RGCOG	48500	N
142000014	Develop new flood gages throughout the region	Prioritize, fund, and develop new flood gages (rainfall and/or stream gages) throughout the region to support flood warning system improvements and improve ability to validate or calibrate existing and new flood models	All of Region 14	RGCOG	265000	N
142000015	Develop and design standard options for addressing identified development-related flooding in El Paso	Evaluate COEP and El Paso County drainage design standards for inlets, curb cuts, requirements for on-site storage in new developments, addressing as-built elevations, protecting remaining on-site storage and recovering original storage for existing developments.	El Paso	El Paso Water, El Paso County	40000	N
142000016	Develop regional solutions to address erosion issues in natural channels affecting stormwater conveyance	Develop consensus region-specific erosion-resistant designs to prevent removal of material from drainage conveyances, with functional comparisons to aid selection of best practices.	All of Region 14	RGCOG	63000	N
142000017	Develop solutions to address city/county stormwater conveyance into the Rio Grande (El Paso County)	Refine agency action coordination in conveyance of interior flooding to the Rio Grande. Develop FMP designs and costs for improvements of conveyance from river terrace storm water infrastructure, considering high ground water.	El Paso	El Paso Water, El Paso County	110000	N
142000019	Initiate program to develop integrated solutions to improve irrigation system/ stormwater conveyance system interaction in El Paso area	Initiate program to develop integrated solutions to improve irrigation system/ stormwater conveyance system interaction in El Paso area	El Paso	El Paso Water, El Paso County, EPCWID1	23000	N

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FMS ID	FMSName	Description	County	Sponsor	Estimated Study Cost	Water Supply Benefit (Y/N)
142000020	Develop and Improve Early Warning System for El Paso City/ County interior drainage	Conduct study to evaluate and proposed improvements to Early Warning Systems (EWSs) for interior drainage in El Paso City and El Paso County. Includes assessment of existing flood EWS.	El Paso	El Paso Water, COEP, El Paso County, EPCWID1	154000	N
142000021	Develop and Improve Early Warning System for City of Pecos	Conduct study to evaluate and propose improvements to Early Warning Systems (EWSs) for City of Pecos and adjacent Lindsay Census Designated Place. Includes assessment of existing flood EWS.	Reeves	City of Pecos, Reeves County	55000	N
142000022	Develop and Improve Early Warning System for City of Alpine	Conduct study to evaluate and propose improvements to Early Warning Systems (EWSs) for City of Alpine. Includes assessment of existing flood EWS.	Brewster	City of Alpine, Brewster County	55000	N
142000023	Develop and Improve Early Warning System for City of Presidio, Presidio County	Identify and design access routes and bridges/culverts to provide emergency access during extreme flood events in the City of Presidio.	Presidio	City of Presidio, Presidio County	55000	N
141000024	Develop and Improve Early Warning System for City of Fort Stockton	Conduct study to evaluate and propose improvements to Early Warning Systems (EWSs) for City of Fort Stockton. Includes assessment of existing flood EWS.	Pecos	City of Fort Stockton, Pecos County	55000	N
142000025	Develop and Improve Early Warning System for City of Marfa, Presidio County	Identify and design access routes and bridges/culverts to provide emergency access during extreme flood events in Marfa. Southeast Marfa and dirt portion of FM2810 were identified as problem areas by Presidio County Office of Emergency Management.	Presidio	City of Marfa, Presidio County	55000	N
142000026	Lomalinda Estate Colonia and Desert Heaven Evacuation	Identify and design access routes and bridges/culverts to provide emergency access during extreme flood events in Lomalinda.	Hudspeth	Hudspeth County, Lomalinda Estate Colonia and Desert Heaven	55000	N
142000027	Dell City Evacuation	Identify and design access routes and bridges/culverts to provide emergency access during extreme flood events in Dell City.	Hudspeth	Hudspeth County and Dell City	55000	N