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ATTACHMENT 1 – EXHIBIT C TABLES

TWDB Table 12 -
Potential Flood Management Evaluations

TWDB Table 12 - Potential Flood Management Evaluations Identified by the RFPG																									
General Information																			Flood Risk Information					Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)
081000035	1240-acre Fulshear Farms Development	Design of detention and hydraulic structure upgrades to offset development impacts.	08000009	Fort Bend	12070104, 12040205	120701040309, 120701040308, 120402050100	08000013, 08000014	Feasibility Assessment	2	Local	City of Fulshear	City of Fulshear	No	\$147,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0		
081000041	Fulshear Lakes Drainage Improvements	Design of drainage infrastructure to mitigate flooding in Fulshear Lake development.	08000009	Fort Bend	12070104	120701040308	08000013	Feasibility Assessment	1	Riverine	City of Fulshear	City of Fulshear	No	\$151,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	69		1/1/2020
081000042	Lea/Penn and Red Bird Lane Improvements	Design of diversion channel and road construction to reduce flooding and provide access to neighborhoods.	08000009	Fort Bend	12070104, 12040205	120701040309, 120402050100	08000013, 08000014	Preliminary Engineering	14	Riverine Local	City of Fulshear	City of Fulshear	No	\$262,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	80	47	141	0	0	1.6	9	1,414		
081000044	Sienna South Levee System Drainage	Design of lake and channel modifications to mitigate development in the area.	08000009	Fort Bend	12070104, 12040205	120701040403, 120701040409, 120402050200	08000013, 08000014	Feasibility Assessment	11	Riverine Local	Sienna Plantation LID	Sienna Plantation LID, Fort Bend County Drainage District, Sienna Plantation Management District	No	\$320,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	4		1/1/2018
081000045	Sienna North Levee System Drainage	Design of channel improvements to mitigate flow caused by increased development.	08000009	Fort Bend	12070104, 12040205	120701040403, 120402050200	08000013, 08000014	Feasibility Assessment	4	Riverine	Sienna Plantation LID	Sienna Plantation LID, Fort Bend County Drainage District, Sienna Plantation Management District	No	\$236,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	1	2		1/1/2004
081000047	Sugar Creek Drainage Improvements	Design of storm drain updates throughout neighborhood.	08000009	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040402, 120402050100, 120402050200	08000013, 08000014	Preliminary Engineering	43	Riverine	City of Sugar Land	City of Sugar Land	No	\$388,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687		

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081000048	Covington Woods Jess Pirtle Bridge Channel Improvements	Determination of necessary repairs to ditch A-22 channel flow line	08000009	Fort Bend	12040205	120402050100, 120402050200	08000013, 08000014	Preliminary Engineering	35	Riverine Local	City of Sugar Land	City of Sugar Land	No	\$111,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,300	1,205	4,489	2	0	19.3	143	1,143					
081000057	Chimneystone, Austin, and Settlers Parks Improvements Phase II	Design of new concrete channel and storm drain improvements.	08000009	Fort Bend	12070104	120701040403	08000013	Preliminary Engineering	1	Riverine Local	City of Sugar Land	City of Sugar Land	No	\$288,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0					
081000058	Sugar Lakes Drainage Improvements	Determination of necessary storm drain improvements and lake control structure modifications.	08000009	Fort Bend	12040205	120402050100, 120402050200	08000013, 08000014	Preliminary Engineering	35	Local	City of Sugar Land	City of Sugar Land	No	\$348,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,300	1,205	4,489	2	0	19.3	143	1,143					
081000060	Sugar Creek Regional Detention	Update design to account for Atlas 14 rainfall.	08000009	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040402, 120402050100, 120402050200	08000013, 08000014	H&H Modeling	43	Local	City of Sugar Land	City of Sugar Land	No	\$300,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687					
081000061	Sugar Land Business Park Regional Detention	Update design to account for Atlas 14 rainfall.	08000009	Fort Bend	12040205	120402050100, 120402050200	08000013, 08000014	H&H Modeling	16	Local	City of Sugar Land	City of Sugar Land	No	\$300,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	195	144	726	2	0	12.6	77	857					
081000075	Sugar Land MDP - Master Drainage Plan Updates	Review comprehensive plan goals, update detention facility ownership and assets, consider funding mechanisms, evaluate ranking criteria.	08000014	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040402, 120402050100, 120402050200	08000013, 08000014	Drainage Master Plan	43	Riverine Local	City of Sugar Land	City of Sugar Land	No	\$534,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687					
081000089	Riverbend Drainage Improvements Phase II	Update design to account for Atlas 14 rainfall.	08000009	Fort Bend	12040205	120402050200	08000013, 08000014	H&H Modeling	1	Local	City of Sugar Land	City of Sugar Land	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	100	91	249	1	0	2.8	17	4					

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081000091	Sugar Land Citywide Flood Prevention & Drainage Studies	Study to determine how to replace B-B inlets with C-2 or H2 inlets in areas of ponding and structural risk.	08000014	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040402, 120402050100, 120402050200	08000013, 08000014	Preliminary Engineering	43	Riverine Coastal Local	City of Sugar Land	City of Sugar Land	No	\$219,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687					
081000092	Avalon/Brazos Landing/ Commonwealth Drainage Imp 1 & 2	Study to determine improvements needed for FBC LID 14 weir.	08000009	Fort Bend	12070104	120701040403, 120701040402	08000013	Preliminary Engineering	1	Riverine Local	City of Sugar Land	City of Sugar Land	No	\$335,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.2	1	12					
081000107	ATLAS 14 Outfall Structure No. 6	Design of improvements to Outfall Structure No. 6.	08000009	Fort Bend	12070104, 12040205	120701040403, 120701040409, 120402050200	08000013, 08000014	Feasibility Assessment	11	Riverine Coastal Local	Sienna Plantation LID	Sienna Plantation LID, Sienna Plantation Management District	No	\$320,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	4					
081000108	ATLAS 14 Brazos River Outfall Channel	Design of improvements to the Brazos River Outfall Channel.	08000009	Fort Bend	12070104	120701040403	08000013, 08000014	Feasibility Assessment	12	Riverine Coastal Local	Sienna Plantation LID	Sienna Plantation LID, Sienna Plantation Management District	No	\$330,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30	20	36	0	0	1.5	7	362					
081000110	Conversion of N & S Pump Stations to Vertical Turbines	Design of improvements to the N & S Pump Stations.	08000009	Fort Bend	12070104	120701040403	08000013, 08000014	Feasibility Assessment	12	Riverine Coastal Local	Sienna Plantation LID	Sienna Plantation LID, Sienna Plantation Management District	No	\$330,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30	20	36	0	0	1.5	7	362					
081000111	Regional Storage Phase 2	Design of improvement to regional storage.	08000009	Fort Bend	12070104, 12040205	120701040403, 120701040409, 120402050200	08000013, 08000014	Feasibility Assessment	11	Riverine Coastal Local	Sienna Plantation LID	Sienna Plantation LID, Sienna Plantation Management District	No	\$320,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	4					
081000112	Pump Station Conversion at the Woods Acreage Estates Outfall	Design of pump station to provide relief to Woods Acreage Estates in flood events.	08000009	Fort Bend	12070104, 12040205	120701040403, 120402050200	08000013, 08000014	Feasibility Assessment	1	Riverine Coastal Local	Sienna Plantation LID	Sienna Plantation LID, Sienna Plantation Management District	No	\$149,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	8	0	0	0	0	0.0	2	30					

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081000114	400,500 PM Pump Station at Outfall No. 2	Study to design additional pump station at Outfall No. 2	08000009	Fort Bend	12070104, 12040205	120701040403, 120701040409, 120402050200	08000013, 08000014	Preliminary Engineering	11	Riverine Coastal Local	Sienna Plantation LID	Sienna Plantation LID, Sienna Plantation Management District	No	\$571,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	4			
081000115	Fort Bend County Flood Protection Levee for all Pump Station Electrics	Study to design levees to protect pump stations that mitigate flooding in Somervell.	08000012	Fort Bend	12070104, 12040205	120701040403, 120701040409, 120402050200	08000013, 08000014	Feasibility Assessment	15	Riverine Coastal Local	Sienna Plantation LID	Sienna Plantation LID, Sienna Plantation Management District	No	\$365,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	22	1	254	0	0	0.3	2	52			
081000135	Lake Leon Dam & Emergency Spillway Improvements	Study to determine necessary dam improvements to reduce flood risk downstream.	08000009	Comanche, Callahan, Eastland	12070201	120702010103, 120702010102, 120702010104, 120702010101, 120702010107, 120702010108, 120702010202, 120702010203, 120702010207, 120702010204, 120702010201, 120702010209, 120702010208, 120702010105, 120702010501, 120702010408, 120702010503, 120702010307, 120702010409	08000008	Preliminary Engineering	322	Riverine Local	Eastland County	Eastland County	No	\$183,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	680	340	1,018	6	1	57.9	211	10,326			
081000136	Hunting Shirt Creek Culvert Improvements	Design of drainage feature improvements to increase capacity and ensure they are within standards.	08000009	Eastland	12070201	120702010405	08000008	Feasibility Assessment	15	Riverine	City of Carbon	City of Carbon	No	\$360,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	28	18	23	1	0	2.8	14	504			
081000138	Cisco Storm Sewer Upgrades and Extensions	Upgrade storm sewer system and install new water lines to improve existing drainage.	08000009	Eastland	12070201	120702010103, 120702010105	08000008	Drainage Master Plan	5	Local	City of Cisco	City of Cisco	No	\$244,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	73	47	118	1	0	4.1	35	2			

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081000164	Arcola Regional Drainage Improvements	Study to design and place drainage improvements such as detention ponds, pump stations, and road grading improvements.	08000009	Fort Bend	12040205	120402050200	08000014	Drainage Master Plan	2	Riverine Local	City of Arcola	City of Arcola	No	\$193,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	8	8	17	0	0	0.3	1	4			
081000168	Cresson Storm Drainage Improvements	Study to determine how to increase the capacity of the storm drainage system by installing larger culverts and adding drainage points along vulnerable or critical roads.	08000009	Hood, Johnson, Parker	12060201	120602011208, 120602011301	08000001	Drainage Master Plan	11	Riverine Local	City of Cresson	City of Cresson	No	\$326,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	6	0	9	0	0	0.3	5	274			
081000175	City of Lipan Roadside Ditch Improvements	Design infrastructure to improve roadside ditch drainage and build curbs to increase water flow during flood events.	08000009	Hood	12060201	120602011107	08000001	Feasibility Assessment	1	Riverine Local	City of Lipan	City of Lipan	No	\$152,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	6	4	10	0	0	0.3	5	32			
081000177	City of Tolar Roadside Ditch Improvments	Study to determine necessary expansions and improvements to roadside drainage ditches to increase water flow during flood events.	08000009	Hood	12060202	120602020110	08000002	Feasibility Assessment	1	Riverine Local	City of Tolar	City of Tolar	No	\$154,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	14	63	0	3	0.7	5	41			
081000184	Mineral Wells State Park Dam Improvements	Design of dam improvements to reduce flood risk downstream.	08000009	Palo Pinto, Parker, Jack	12060201	120602011102, 120602011101, 120602011103, 120602011104	08000001	Preliminary Engineering	90	Riverine Local	City of Mineral Wells	City of Mineral Wells	No	\$73,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	150	21	685	2	3	11.7	79	4,030			

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081000186	Culvert Additions to Prevent Flash Flooding in City of Mingus	New infrastructure to improve drainage conditions.	08000009	Palo Pinto	12060201	120602010805, 120602010809	08000001	Drainage Master Plan	2	Riverine Local	City of Mingus	City of Mingus	No	\$170,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	22	15	6	0	0	0.9	12	46			
081000188	City of Strawn Mitigations for Flood Prone Areas	Develop study to determine/ address flood risk.	08000014	Stephens, Palo Pinto, Eastland	12060201	120602010806	08000001	Drainage Master Plan	55	Local	City of Strawn	City of Strawn	No	\$588,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	94	33	78	0	2	9.2	27	2,490			
081000189	Tucker Lake Dam and Spillway Maintenance	Design of dam improvements to reduce flood risk downstream.	08000009	Palo Pinto	12060201	120602010802, 120602010806	08000001	Preliminary Engineering	1	Riverine	City of Strawn	City of Strawn	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	5	0	0	0	0	0.2	1	13			
081000193	Palo Pinto Retaining Walls	Design of retaining walls along county roads where landslides due to flooding is probable.	08000009	Palo Pinto	12060201	120602010805, 120602010809	08000001	Feasibility Assessment	982	Riverine Local	Palo Pinto County	Palo Pinto County	No	\$1,856,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,962	1,027	2,649	11	15	113.9	395	36,927			
081000199	Resley Creek Drainage Improvements	Design of improvements to channel to increase conveyance capacity.	08000009	Comanche, Erath	12070201	120702010601	08000004, 08000008	Preliminary Engineering	49	Riverine	City of Dublin	City of Dublin	No	\$52,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	53	26	52	0	9	6.6	56	2,247			
081000207	Austin County - Improve Drainage	Identify and evaluate drainage projects including storm sewer, channel, and crossing improvements.	08000009	Austin	12070104	120701040101, 120701040103, 120701040106, 120701040107, 120701040108, 120701040203, 120701040204, 120701040205, 120701040206, 120701040207, 120701040208, 120701040209, 120701040210	08000013	Drainage Master Plan	263	Riverine Local	Austin County	Austin County	No	\$1,088,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	190	91	133	1	3	32.6	138	15,868			

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081000212	San Felipe Street Elevation	Study to determine necessary elevation of street to decrease inundation in food events.	08000009	Austin	12070104	120701040306, 120701040305, 120701040304, 120701040307	08000013	Preliminary Engineering	9	Riverine Local	City of San Felipe	City of San Felipe	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	180	89	170	0	0	8.0	22	610			
081000213	Pond Improvements to Cryan Park	Design of improvements to detention pond.	08000009	Austin	12070104	120701040305	08000013	Preliminary Engineering	34	Riverine Local	City of Sealy	City of Sealy	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	382	256	725	2	0	13.0	32	2,250			
081000214	Pond Improvements to BPW Park	Design of improvements to detention pond.	08000009	Austin	12070104	120701040305	08000013	Preliminary Engineering	34	Riverine Local	City of Sealy	City of Sealy	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	382	256	725	2	0	13.0	32	2,250			
081000223	Texas A&M Detention Pond	Study to determine placement and sizing of detention facility to contain and mitigate flooding.	08000009	Brazos	12070103	120701030702	08000005, 08000007	Feasibility Assessment	3	Riverine Local	City of College Station	City of College Station	No	\$207,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	73	41	1,140	0	12	1.0	13	0			
081000226	Bee Creek Basin Detention Pond	Design of detention facility to contain and mitigate flooding.	08000009	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000005, 08000007	Preliminary Engineering	9	Riverine Local	City of College Station	City of College Station	No	\$111,000	Local, TWDB FIF, FEMA FMA	66	47	217	1	8	2.1	19	75			
081000228	City of Bryan Flood Study	~~Develop study to determine/ address flood risk.~~ Perform study to determine and address flood risk throughout the City.	08000014	Brazos	12070101, 12070103	120701010610, 120701010613, 120701010701, 120701010702, 120701010703, 120701010705, 120701030603, 120701030602, 120701030704, 120701030702	08000005, 08000007	Drainage Master Plan	54	Riverine Local	City of Bryan	City of Bryan	No	\$584,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	885	677	2,216	3	33	17.0	163	509			

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)
081000233	Dam Failure Analysis for Bryan Utilities Lake	An Emergency Action Plan (EAP) was created for the Bryan Utilities Lake Dam. The EAP contains information on who will be notified in the case of a dam failure.	08000014	Brazos	12070101	120701010610, 120701010613, 120701010701, 120701010702, 120701010703	08000005	Study on Flood Preparedness	22	Riverine	Brazos County	Brazos County	No	\$136,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	7	6	3	0	1	1.6	4	969		
081000235	Burleson County Dam Failure Study	Study to determine condition and salvageability of dams on local lakes.	08000014	Burleson	12070101, 12070102	120602010805, 120602010809	08000005, 08000006	Study on Flood Preparedness	675	Riverine Local	Burleson County	Burleson County	No	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	540	238	722	5	6	91.2	229	73,347		
081000237	Lake Somerville Dam Failure Study	Develop study to determine/ address flood risk.	08000014	Brazoria, Fort Bend, Austin, Waller, Washington, Burleson, Grimes, Brazos	12070101, 12070102, 12070104, 12040205	120402050400, 120402050300	08000005, 08000006, 08000007, 08000013, 08000014	Study on Flood Preparedness	1,312	Riverine	Burleson County	Burleson County	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	21,601	16,599	38,059	43	7	741.9	1,521	196,161		
081000245	Basin-Wide Stormwater Drainage Plan Update	Review and update the basin-wide stormwater drainage plan county-wide	08000014	Bell	12070101, 12070201, 12070202, 12070203, 12070204, 12070205	120702011004	08000005, 08000008, 08000009, 08000010, 08000011, 08000012	Regional Watershed Studies	1,082	Riverine Local	Bell County	Bell County	No	\$4,740,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,764	1,422	8,178	10	146	136.7	684	50,911		
081000250	City of Bartlett Regional Drainage Improvements	Upgrade undersized drainage channels and culverts in flood prone areas.	08000009	Williamson, Bell	12070204	120702040106, 120702040105	08000011	Drainage Master Plan	1	Riverine Local	City of Bartlett	City of Bartlett	No	\$156,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1	0	1	0	0	0.1	1	5		
081000252	City of Holland Drainage Infrastructure Improvements	Upgrade/ improve undersized drainage system to increase capacity and reduce flooding.	08000009	Bell	12070204	120702040104	08000011	Drainage Master Plan	2	Riverine Local	City of Holland	City of Holland	No	\$176,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.2	3	51		

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Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000253	City of Killeen Drainage Infrastructure Improvements	Upgrade undersized drainage system throughout the city to increase storm water capacity and reduce flooding.	08000009	Bell	12070201, 12070202, 12070203	120702011101, 120702020303, 120702030403, 120702030507, 120702030509, 120702030510	08000008, 08000009, 08000010	Drainage Master Plan	54	Riverine Local	City of Killeen	City of Killeen	No	\$583,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	799	564	2,707	2	49	14.7	161	362			
081000256	City of Little River Academy Drainage Infrastructure Improvements	Upgrade undersized drainage system throughout the city to increase storm water capacity and reduce flooding.	08000009	Bell	12070201, 12070204	120702011106, 120702040101	08000008, 08000011	Drainage Master Plan	2	Riverine Local	City of Little River-Academy	City of Little River-Academy	No	\$185,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	7	3	11	0	1	0.4	3	54			
081000259	Improve Levee Crossing and Old Nolanville Road	Design of drainage feature improvements to increase capacity and study to ensure they are within standards.	08000009	Bell	12070201	120702011102	08000008, 08000010	Preliminary Engineering	32	Riverine Coastal Local	City of Nolanville	City of Nolanville	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	247	113	489	1	8	11.6	39	710			
081000266	City of Rogers Drainage Infrastructure Improvements	Drainage feature improvements to increase capacity and ensure infrastructure is within standards.	08000009	Milam, Bell	12070204	120702040107	08000011	Drainage Master Plan	19	Riverine Local	City of Rogers	City of Rogers	No	\$397,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	10	0	9	0	0	0.7	5	1,440			
081000272	City of Temple Drainage Channel Improvements	Upgrade drainage channels within the city to reduce flooding to residential and commercial structures.	08000009	Bell	12070201, 12070202, 12070204	120702011004, 120702011005, 120702011105, 120702011106, 120702020307, 120702040201, 120702040202, 120702040203, 120702040101, 120702040102	08000008, 08000009, 08000011	Drainage Master Plan	74	Riverine Local	City of Temple	City of Temple	No	\$659,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	421	255	2,090	2	8	13.7	127	1,053			
081000273	City of Troy Drainage System Improvements	Upgrade undersized drainage system throughout the city to increase storm water capacity and reduce flooding.	08000009	Bell	12070204	120702040201, 120702040203	08000011	Drainage Master Plan	4	Riverine Local	City of Troy	City of Troy	No	\$230,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	23	13	38	0	2	3.0	8	61			

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Potential Flood Management Evaluations

General Information																Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)
081000277	Cow House Creek Retention Structure	Addition of retention facility to contain flood waters and mitigate flooding.	08000009	Coryell, Mills, Hamilton, Comanche	12070202	120702020101, 120702020106, 120702020104, 120702020102, 120702020103	08000008, 08000009, 08000010	Preliminary Engineering	237	Local	City of Hamilton	City of Hamilton	No	\$73,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	56	21	31	0	3	22.7	76	7,483		
081000278	Hamilton City Lake Dam Failure Study	Develop study to determine/ address flood risk.	08000014	Hamilton	12070201	120702010703	08000008, 08000009	Study on Flood Preparedness	30	Riverine	City of Hamilton	City of Hamilton	No	\$174,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	104	39	410	1	9	4.8	55	761		
081000281	Hamilton County Electric Gates for Pecan Creek Dam	Improve dam to reduce flood risk downstream.	08000009	Hamilton	12070201	120702010703	08000008, 08000009	Preliminary Engineering	30	Riverine Local	Hamilton County	Hamilton County	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	104	39	410	1	9	4.8	55	761		
081000289	City of Hico Drainage System Improvements	Upgrade undersized culverts to increase capacity and implement debris removal for ditches.	08000009	Hamilton	12060204	120602040204	08000004	Drainage Master Plan	1	Riverine Local	City of Hico	City of Hico	No	\$165,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	71	40	105	1	0	3.4	31	71		
081000290	Milam County Emergency Hazard Plan	Obtain Belton and Stillhouse Dam inundation maps and participate in hazard drills.	08000016	Milam	12070101, 12070102, 12070204, 12070205	120602040204	08000005, 08000006, 08000011, 08000012	Study on Flood Preparedness	1,017	Riverine Local	Milam County	Milam County	No	\$20,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	496	288	589	3	14	82.9	254	97,008		
081000291	Milam County Roads Improvements	Improvement of drainage across county roads.	08000009	Milam	12070101, 12070102, 12070204, 12070205	120602040204	08000005, 08000006, 08000011, 08000012	Drainage Master Plan	1,017	Riverine Local	Milam County	Milam County	No	\$1,883,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	496	288	589	3	14	82.9	254	97,008		
081000295	City of Buckholts Drainage Master Plan	Develop study to determine/ address flood risk.	08000014	Milam	12070204	120702040110, 120702040207	08000011	Drainage Master Plan	1	Riverine Local	City of Buckholts	City of Buckholts	No	\$164,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	10		

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																		Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)		
081000296	City of Cameron H&H Study to Determine Projects	Develop study to determine/ address flood risk.	08000014	Milam	12070204	120702040303, 120702040207	08000011	Drainage Master Plan	5	Riverine Local	City of Cameron	City of Cameron	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	47	37	107	1	1	1.1	15	115				
081000297	Little River Ox Bow and Dam Improvement and Relocation	Improve dam to reduce flood risk downstream.	08000009	Milam	12070204	120702040303	08000011	Preliminary Engineering	35	Riverine Local	City of Cameron	City of Cameron	No	\$219,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	51	37	111	1	1	5.2	21	4,143				
081000298	City of Milano H&H Study to Determine Improvement Projects	Develop study to determine/ address flood risk.	08000014	Milam	12070102, 12070204, 12070205	120701020201, 120702040301, 120702050410	08000006, 08000011, 08000012	Drainage Master Plan	4	Riverine Local	City of Cameron	City of Cameron	No	\$179,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	1	0	0.0	0	0				
081000300	City of Rockdale H&H Study to Determine Improvement Projects	Develop study to determine/ address flood risk.	08000014	Milam	12070101, 12070204	120701010611, 120702040301, 120702040304	08000005, 08000011	Drainage Master Plan	2	Riverine Local	City of Cameron	City of Cameron	No	\$229,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	187	153	289	0	0	3.7	35	10				
081000322	Teague Master Drainage Plan	Develop study to determine/ address flood risk.	08000014	Freestone	12070103	120701030301	08000007	Drainage Master Plan	5	Riverine Local	City of Teague	City of Teague	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	9				
081000323	Teague Riverine Erosion Control Master Plan	Develop study to determine/ address flood risk.	08000014	Freestone	12070103	120701030301	08000007	Drainage Master Plan	21	Riverine	City of Teague	City of Teague	No	\$406,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	55	27	38	0	0	1.3	9	712				
081000324	City of Teague Drainage Infrastructure Improvements	Drainage feature improvements to increase capacity and ensure they are within standards.	08000009	Freestone	12070103	120701030301	08000007	Drainage Master Plan	3	Riverine Local	City of Teague	City of Teague	No	\$216,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0				

TWDB Table 12 -
Potential Flood Management Evaluations

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)				
081000327	Grimes County Drainage Infrastructure Improvements	Identify flood-prone areas and determine mitigation including enlarging culverts under roads and bridges.	08000009	Washington, Grimes	12070101, 12070103	120701010802, 120701010803, 120701010804, 120701030701, 120701030804, 120701030801, 120701030802, 120701030803, 120701030510, 120701030601, 120701030604, 120701030704, 120701030703, 120701030705, 120701030706, 120701030707	08000005, 08000007	Drainage Master Plan	799	Riverine Local	Grimes County	Grimes County	No	\$1,706,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	662	383	1,533	5	13	36.9	149	30,990						
081000331	Improve Cedar Creek	Improvements to channel to increase conveyance capacity.	08000009	Grimes, Brazos	12070103	120701030804	08000005, 08000007	Preliminary Engineering	13	Riverine	City of Navasota	City of Navasota	No	\$111,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	286	189	1,048	2	4	9.5	57	2,157						
081000333	Drainage Study of Cedar Creek	Conduct a drainage study of Cedar Creek to identify flood areas and provide accurate data to assist the community with existing and future management of mitigation issues.	08000014	Bell	12070201	120702011004	08000008, 08000011	Regional Watershed Studies	30	Riverine	City of Navasota	City of Navasota	No	\$174,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	11	0	3	0	3	3.8	12	612						
081000334	Drainage Study of Sandy Creek Tributary	Conduct drainage study of Sandy Creek Tributary and complete a flood control project to reduce flood levels on new structures.	08000014	Grimes	12070101	120701010802	08000005, 08000007	Regional Watershed Studies	59	Riverine	City of Navasota	City of Navasota	No	\$305,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	226	137	426	3	0	8.0	38	3,030						

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081000359	Johnson County Inundation Study of Hazardous Dams	Identify, through inundation studies, what property, utility or infrastructure would be impacted by dam failure within county	08000014	Johnson	12060201, 12060202	120602011301, 120602011302, 120602011303, 120602020205, 120602020503, 120602020303, 120602020304, 120602020306, 120602020201, 120602020202, 120602020203, 120602020204, 120602020206	08000001, 08000002	Study on Flood Preparedness	731	Riverine	Johnson County	Johnson County	No	\$75,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,136	791	2,734	8	19	55.0	263	15,319					
081000365	City of Cleburne Inundation Study of Hazardous Dams	Identify, through inundation studies, what property, utility or infrastructure would be impacted by dam failure within county	08000014	Johnson	12060202	120602020201, 120602020202, 120602020203	08000002	Study on Flood Preparedness	38	Riverine	Johnson County	Johnson County	No	\$214,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	600	432	2,390	8	8	23.6	132	1,759					
081000366	City of Godley Inundation Study of Hazardous Dams	Identify, through inundation studies, what property, utility or infrastructure would be impacted by dam failure within county	08000014	Johnson	12060202	120602020201	08000002	Study on Flood Preparedness	2	Riverine	Johnson County	Johnson County	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	19	9	32	0	0	0.3	10	104					
081000368	City of Joshua Inundation Study of Hazardous Dams	Identify, through inundation studies, what property, utility or infrastructure would be impacted by dam failure within county	08000014	Johnson	12060202	120602020201, 120602020202	08000002	Study on Flood Preparedness	9	Riverine	City of Joshua	City of Joshua	No	\$79,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	53	46	105	0	0	0.9	7	187					
081000371	Drainage Improvements along CR1139	Drainage feature improvements to increase capacity and ensure they are within standards.	08000009	Lampasas	12070203	120702030305	08000010	Preliminary Engineering	5	Riverine Local	Lampasas County	Lampasas County	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.1	2	13					

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081000372	Drainage Improvements along CR4450	Drainage feature improvements to increase capacity and ensure they are within standards.	08000009	Lampasas	12070203	120702030306, 120702030307, 120702030309	08000010	Preliminary Engineering	2	Riverine Local	Lampasas County	Lampasas County	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1	0	0	0	0	0.0	0	17			
081000373	Lampasas County Curbing and Drainage Improvements	Study to determine how to install an effective curbing and drainage system	08000009	Lampasas	12070202, 12070203	120702030305	08000009, 08000010	Drainage Master Plan	711	Riverine Local	Lampasas County	Lampasas County	No	\$1,627,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	788	299	3,183	6	34	25.3	161	9,390			
081000378	Improve Flood Risk Assessment for Lee County	Incorporating the procedures for tracking high-water marks following a flood into emergency response plans. Using GIS to map areas that are at risk from flooding. Developing and maintaining a database to track community exposure to flood risk.	08000009	Lee	12070102		08000006	Study on Flood Preparedness	631	Riverine Local	Lee County	Lee County	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	204	45	59	0	38	31.9	85	19,785			
081000379	Lee County Floodplain Management Plan	Develop a new floodplain management plan. Adopting a post-disaster recovery ordinance.	08000009	Lee	12070102	120702011004	08000006	Study on Flood Preparedness	631	Riverine	Lee County	Lee County	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	204	45	59	0	38	31.9	85	19,785			
081000384	Lee County Project Prioritization Study	Develop study to determine/ address flood risk.	08000014	Lee	12070102		08000006	Feasibility Assessment	631	Riverine Local	Lee County	Lee County	No	\$1,550,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	204	45	59	0	38	31.9	85	19,785			

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081000388	City of Lexington Floodplain Management Plan	Develop a new floodplain management plan. Adopting a post-disaster recovery ordinance.	08000009	Lee	12070102	120701020204, 120701020105, 120701020106	08000006	Study on Flood Preparedness	1	Riverine	Lee County	Lee County	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000396	City of Marquez Drainage Infrastructure Improvements	Study to determine whether new infrastructure is needed or how to improve existing drainage infrastructure.	08000009	Leon	12070103	120701030309, 120701030402	08000007	Drainage Master Plan	1	Riverine Local	City of Marquez	City of Marquez	No	\$162,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	58	0	31	0	0	1.2	11	44			
081000398	City of Normangee Drainage Infrastructure Improvements	Study to determine whether new infrastructure is needed or how to improve existing drainage infrastructure.	08000009	Madison, Leon	12070103	120701030504	08000007	Drainage Master Plan	1	Riverine Local	City of Normangee	City of Normangee	No	\$155,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	78	0	82	0	0	0.5	5	11			
081000405	City of Groesbeck Expand Drainage Ditches	Determine where to deepen and widen ditches to allow for rapid runoff of stormwater.	08000009	Limestone	12070103	120701030108, 120701030106, 120701030107	08000007	Drainage Master Plan	4	Riverine Local	City of Groesbeck	City of Groesbeck	No	\$236,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	62	48	105	0	0	0.9	19	70			
081000508	City of Bryson Stream Restoration Program	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwater.	08000009	Jack	12060201	120602010201	08000001	Feasibility Assessment	1	Riverine	City of Bryson	City of Bryson	No	\$159,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000518	City of Graham Upgrade Drainage Features	Upgrade undersized stormwater drains and culverts.	08000009	Young	12060201	120602010106, 120602010107, 120602010502	08000001	Drainage Master Plan	6	Riverine Local	City of Graham	City of Graham	No	\$256,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	408	220	777	3	5	9.2	36	32			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)
081000523	Create 2nd Main Water Line	New water line to increase capacity of system.	08000009	Young	12060201	120602010106, 120602010107, 120602010502	08000001	Preliminary Engineering	27	Local	City of Graham	City of Graham	No	\$73,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	506	248	868	3	6	13.4	51	762		
081000534	Comprehensive Flood Risk Study	Develop study to determine/ address flood risk.	08000014	Young, Archer	12060201	120602010101	08000001	Study on Flood Preparedness	29	Riverine Local	City of Olney	City of Olney	No	\$171,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	254	164	237	0	0	12.4	48	1,971		
081000542	City of Olney Upgrade Drainage Features	Comprehensive study of flood risk and reduction alternatives.	08000009	Young	12060201	120602010101	08000001	Drainage Master Plan	2	Riverine Local	City of Olney	City of Olney	No	\$184,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	203	140	192	0	0	4.6	30	40		
081000551	Robertson County Master Drainage Plan	Develop study to determine/ address flood risk.	08000014	Robertson	12070101, 12070103	120701010305, 120701010502, 120701010601, 120701010602	08000005, 08000007	Drainage Master Plan	862	Riverine Local	Robertson County	Robertson County	No	\$1,759,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	928	479	1,676	5	7	97.2	177	88,095		
081000553	Dam/Levee Failure Study	Develop study to determine/ address flood risk.	08000014	Robertson	12070101, 12070103	120701010305, 120701010502, 120701010601, 120701010602	08000005, 08000007	Study on Flood Preparedness	862	Riverine	Robertson County	Robertson County	No	\$3,799,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	928	479	1,676	5	7	97.2	177	88,095		
081000555	Bremond Master Drainage Plan	Develop study to determine/ address flood risk.	08000014	Robertson	12070101	120701010305, 120701010502	08000005	Drainage Master Plan	1	Riverine Local	City of Bremond	City of Bremond	No	\$145,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	2	2		
081000559	Calvert Master Drainage Plan	Develop study to determine/ address flood risk.	08000014	Robertson	12070101	120701010601, 120701010602	08000005	Drainage Master Plan	4	Riverine Local	City of Calvert	City of Calvert	No	\$227,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	25	10	23	0	0	1.8	17	143		

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000563	Franklin Master Drainage Plan	Develop study to determine/ address flood risk.	08000014	Robertson	12070101, 12070103	120701010602, 120701030404, 120701030507	08000005, 08000007	Drainage Master Plan	1	Riverine Local	City of Franklin	City of Franklin	No	\$157,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	28	1	0	0.0	0	34			
081000572	Somervell County Drainage System Improvements	Study to identify capital improvements for the storm drainage system.	08000009	Somervell	12060201, 12060202, 12060204	120602011303, 120602020302, 120602020304, 120602020107, 120602020110, 120602020109, 120602020111, 120602020301, 120602040302, 120602040301	08000001, 08000002, 08000004	Drainage Master Plan	191	Riverine Local	Somervell County	Somervell County	No	\$958,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	395	194	1,350	10	27	18.2	88	4,655			
081000574	Somervell County Dam Failure Study	Develop study to determine/ address flood risk.	08000014	Johnson, Bosque, Hill, Somervell	12060201, 12060202	120602011303, 120602020601, 120602020403, 120602020404, 120602020406, 120602020405, 120602020407, 120602020408, 120602020302, 120602020303, 120602020304, 120602020305, 120602020306, 120602020401, 120602020110, 120602020111, 120602020206, 120602020207, 120602020301	08000001, 08000002	Study on Flood Preparedness	238	Riverine	Somervell County	Somervell County	No	\$1,100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	472	196	1,321	10	13	70.3	156	12,815			
081000579	Glen Rose Master Drainage Plan	Develop study to determine/ address flood risk.	08000014	Somervell	12060202	120602020110, 120602020111	08000002	Drainage Master Plan	4	Riverine Local	City of Glen Rose	City of Glen Rose	No	\$227,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	175	73	1,188	10	6	6.5	40	154			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																		Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)		
081000581	Three Mile Creek Watershed Study	Watershed based planning and analysis to determine flood risk.	08000014	Waller	12070101, 12070104, 12040205	120701010908, 120701010803, 120701010804, 120701040102, 120701040103, 120701040104, 120701040105, 120701040106, 120701040108, 120701040210, 120701040301, 120701040302, 120701040303, 120701040304, 120701040307, 120701040308, 120402050100	08000005, 08000013, 08000014	Regional Watershed Studies	516	Riverine	Waller County	Waller County	No	\$2,312,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,038	1,007	1,327	0	15	88.9	194	43,836				
081000601	Cleanup of Indian Creek	Maintenance efforts to preserve hydraulic capacity and decrease risk to Railroad St.	08000009	Washington	12070104	120701040201	08000005, 08000006, 08000013	Preliminary Engineering	40	Riverine	City of Brenham	City of Brenham	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	28	13	279	1	2	9.4	28	2,581				
081000605	Williamson County Comprehensive Flood Protection Plan	Develop study to determine/ address flood risk.	08000014	Williamson	12070102, 12070203, 12070204, 12070205	120702011004	08000006, 08000010, 08000011, 08000012	Study on Flood Preparedness	1,131	Riverine Local	Williamson County	Williamson County	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3,519	2,758	7,496	5	167	167.4	728	67,370				
081000610	New Town West Outlet Structure	New infrastructure to improve drainage conditions.	08000009	Travis, Williamson	12070205	120702050404	08000012	Preliminary Engineering	46	Riverine Local	City of Hutto	City of Hutto	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	234	175	624	1	8	8.5	49	2,253				
081000611	Town of San Felipe Harvey State Mitigation Project	Improvement and upgrade of many drainage features throughout San Felipe.	08000009	Austin	12070104	120701040306, 120701040305, 120701040304, 120701040307	08000013	Preliminary Engineering	9	Riverine Local	City of San Felipe	City of San Felipe	No	\$155,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	177	87	169	0	0	8.0	23	597				

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081000613	City of Freeport Sanitary System Flood Proofing	Implementation of point repairs, lateral seals, and manhole rehabilitation to protect system from storm events.	08000012	Brazoria	12070104, 12040205	120701040505, 120402050400, 120402050500	08000013, 08000014	Preliminary Engineering	18	Local	City of Freeport	City of Freeport	No	\$251,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	575	428	2,566	3	0	17.9	45	76					
081000615	Clute Regional Flood Risk Reduction	Ditch improvements at several key locations to reduce flood risk.	08000009	Brazoria	12040205	120402050400	08000014	Study on Flood Preparedness	6	Local	City of Clute	City of Clute	No	\$62,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	7	0	18	0	0	1.3	2	52					
081000616	City of Oyster Creek Sanitary System Flood Proofing	Implementation of point repairs, lateral seals, and manhole rehabilitation to protect system from storm events.	08000012	Brazoria	12040205	120402050400	08000014	Preliminary Engineering	2	Local	City of Oyster Creek	City of Oyster Creek	No	\$229,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	14	7	3	0	0	0.7	2	7					
081000618	Glenwood Bayou Drainage Improvements	Improvement and upgrade of many drainage features throughout Glenwood Bayou.	08000009	Brazoria	12040205	120402050400	08000014	Preliminary Engineering	5	Local	City of Richwood	City of Richwood	No	\$157,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,000	917	2,783	6	0	15.6	38	217					
081000619	Angleton Drainage Project	Improvement and upgrade of many drainage features throughout Glenwood Bayou.	08000009	Brazoria	12040205	120402050400, 120402050300	08000014	Preliminary Engineering	12	Local	City of Angleton	City of Angleton	No	\$1,127,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	67	65	170	0	0	6.7	10	104					
081000625	Texas Historical Commission & Brazoria County Joint Mitigation Application 1 FINAL	Phased project to assess, design, and build both service and emergency spillways and implement drainage improvements to the Columbia Lakes Reservoir.	08000009	Brazoria	12070104	120701040503	08000013	Preliminary Engineering	5	Local	Brazoria County	Brazoria County	No	\$329,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	20	12	11	0	0	1.1	4	166					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																		Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)				
081000626	Town of Holiday Lakes Hurricane Harvey HUD Application	Improvements to road drainage at several locations, and addition of sluice gates into the drainage system.	08000009	Brazoria	12040205	120402050200	08000014	Preliminary Engineering	1	Riverine Local	City of Holiday Lakes	City of Holiday Lakes	No	\$163,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	474	416	553	2	0	15.0	65	82						
081000627	West Columbia Drainage Improvements	Improvements to 7 major drainage channels.	08000009	Brazoria	12070104	120701040504, 120701040503	08000013	Preliminary Engineering	3	Local	City of West Columbia	City of West Columbia	No	\$231,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	21	20	50	0	0	0.2	6	1						
081000628	Oyster Creek Wastewater Treatment Plant Improvements	Floodproofing of wastewater treatment plant.	08000012	Brazoria	12040205	120402050400	08000014	Preliminary Engineering	0	Riverine Local	City of Angleton	City of Angleton	No	\$480,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	5	0	4	0	0	0.0	0	2						
081000629	City of Eastland Dam Repairs	Maintenance and spillway improvements to Ringling Lake dam and Lake Eastland Dam.	08000009	Eastland	12070201	120702010105	08000008	Preliminary Engineering	46	Riverine	City of Eastland	City of Eastland	No	\$388,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	334	181	829	5	0	13.6	92	394						
081000630	Lake Leon Dam Safety Improvements	Stabilization of the upstream embankment and rehabilitation of the spillway.	08000009	Eastland	12070201	120702010108	08000008	Preliminary Engineering	0	Riverine	City of Eastland	City of Eastland	No	\$382,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0						
081000632	Richmond Northside Drainage Improvements	Engineering study to determine how to elevate several key structures above base flood elevations.	08000009	Fort Bend	12070104	120701040402, 120701040401	08000013	Preliminary Engineering	5	Local	City of Richmond	City of Richmond	No	\$303,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	252	151	385	6	0	6.1	22	545						
081000633	Brazos River Stabilization	Riverbank stabilization along SH 99 and US 59/I-69 using environmentally friendly solutions.	08000009	Fort Bend	12070104	120701040402	08000013	Preliminary Engineering	2	Riverine	Fort Bend County	Brazoria County, Fort Bend County	No	\$2,958,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3	0	0	0	0	3.3	2	255						

TWDB Table 12 -
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General Information																Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)
081000634	City of Navasota Harvey State Mitigation Project	Drainage and street improvements along 3 major routes integral to the City.	08000009	Grimes, Brazos	12070101, 12070103	120701010802, 120701010804, 120701030804, 120701030803	08000005, 08000007	Preliminary Engineering	8	Local	Grimes County	Grimes County	No	\$173,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	455	319	1,428	5	4	12.4	76	348		
081000635	City of Lexington Drainage Improvements	Storm sewer, culvert, and drainage ditch improvements at 3 areas of interest.	08000009	Lee	12070102	120701020204, 120701020105, 120701020106	08000006	Preliminary Engineering	1	Local	City of Lexington	City of Lexington	No	\$267,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0		
081000636	City of Rockdale Supplemental Drainage Project	Addition of storm sewer drainage to supplement roadside ditch.	08000009	Milam	12070102, 12070204, 12070205	120701020201, 120702040301, 120702050410	08000006, 08000011, 08000012	Feasibility Assessment	4	Local	City of Rockdale	City of Rockdale	No	\$229,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	187	153	289	1	0	3.7	35	10		
081000637	Town of Buckholts Harvey Mitigation	Increase capacity of hydraulic features and redirect water away from water treatment plant.	08000009	Milam	12070204	120702040110, 120702040207	08000011	Preliminary Engineering	1	Riverine Local	City of Buckholts	City of Buckholts	No	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	10		
081000639	Ham Branch Watershed Flood Mitigation	Implementation of several drainage features and streambank stabilization.	08000009	Milam	12070102	120701020201	08000006, 08000011, 08000012	Regional Watershed Studies	17	Riverine Local	City of Rockdale	City of Rockdale	No	\$113,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	192	156	295	1	0	4.3	38	124		
081000640	City of Milano Citywide Road and Drainage Improvements	Street improvements and addition of accompanying drainage features.	08000009	Milam	12070101, 12070204	120701010611, 120702040301, 120702040304	08000005, 08000011	Preliminary Engineering	2	Local	City of Milano	City of Milano	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0		
081000641	Hempstead Citywide Drainage Project	Improvements to roadside ditch and addition of 2 detention facilities.	08000009	Waller	12070101, 12070104	120701010908, 120701040102, 120701040104, 120701040105, 120701040106	08000005, 08000013	Preliminary Engineering	7	Riverine Local	City of Hempstead	City of Hempstead	No	\$368,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	53	50	88	0	3	4.0	40	27		

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000642	Burton Drainage & Flooding Improvements	Floodproofing of lift stations and water treatment plants, and street drainage improvements.	08000009	Washington	12070104	120701040201	08000013	Preliminary Engineering	1	Local	City of Burton	City of Burton	No	\$177,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	108	1	0	0.6	6	27			
081000643	Hogg Branch Creek Improvements	Channel improvements to increase drainage throughout Brenham.	08000009	Washington	12070101	120701010902	08000005, 08000013	Preliminary Engineering	9	Riverine Local	City of Brenham	City of Brenham	No	\$219,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	62	28	140	1	2	2.1	32	688			
081000644	City of Taylor Regional Detention and Channel Improvements	Addition of 2 drainage facilities in the region and corresponding channel improvements.	08000009	Williamson	12070205	120702050505, 120702050405, 120702050406, 120702050409, 120702050507, 120702050408	08000012	Drainage Master Plan	21	Riverine Local	City of Taylor	City of Taylor	No	\$406,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	88	63	194	0	11	4.5	35	741			
081000646	Briar Creek Improvements	Channel and crossing improvements along Briar Creek and Red River Trib to increase capacity of hydraulic infrastructure.	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	3	Riverine	City of Bryan	City of Bryan	No	\$364,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	100	93	191	0	5	1.9	15	7			
081000657	Briarcreek Court Flooding	Study to determine source and mitigation for flooding in the subdivision.	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	1	Local	City of Bryan	City of Bryan	No	\$83,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	77	73	160	0	2	1.0	9	0			
081000663	Burton Creek Crossings	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070103	120701030702	08000005, 08000007	H&H Modeling	5	Riverine	City of Bryan	City of Bryan	No	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	276	224	1,179	1	5	2.8	36	0			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)			
081000669	Burton Creek Trib C Improvements	2-9'x5' box culverts are needed to replace the existing culverts in order to convey the 50-year storm event per the TxDOT design requirement. Channel widening and re-grading may be necessary to mitigate any adverse impacts. Detailed design for the 100-y*	08000009	Brazos	12070103	120701030702	08000007	H&H Modeling	1	Riverine	City of Bryan	City of Bryan	No	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	20	20	49	0	0	0.2	1	0					
081000671	Tract North of Carson Crossing	Channel and crossing improvements along Trib D feeding into County Club Lake.	08000014	Brazos	12070101, 12070103	120701010702, 120701010703, 120701030702	08000005, 08000007	Preliminary Engineering	2	Riverine	City of Bryan	City of Bryan	No	\$214,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	72	30	167	1	4	1.5	11	0					
081000678	Burton Creek Main Stem Improvements	Channel and crossing improvements along Burton Creek mainstem from SH 6 to S Coulter Dr.	08000014	Brazos	12070101, 12070103	120701010702, 120701010703, 120701030702	08000005, 08000007	Preliminary Engineering	7	Riverine	City of Bryan	City of Bryan	No	\$514,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	348	254	1,235	2	9	4.3	47	0					
081000686	Oakridge Drive and Barak Lake	Study to determine storm sewer needed to mitigate flooding in subdivision.	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	1	Local	City of Bryan	City of Bryan	No	\$129,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	76	38	730	1	0	0.2	7	0					
081000689	Sprucewood Street Flooding	A study of the Sprucewood Street drainage and a detailed design phase is needed to assess existing flooding and propose improvements that will reduce flooding in the area. This project includes the local analysis to determine the cause of flooding and *	08000014	Brazos	12070101, 12070103	120701010703, 120701030702	08000005, 08000007	Preliminary Engineering	0	Local	City of Bryan	City of Bryan	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000690	Burton Creek Trib 5 Mitigation	Design of erosion control and channel improvements for Trib 5 of Burton Creek.	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	3	Riverine	City of Bryan	City of Bryan	No	\$194,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	159	105	838	1	4	1.8	18	0			
081000693	Spring Lane Residential Flooding	Drainage study to assess flooding in the neighborhood and propose improvements	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	1	Local	City of Bryan	City of Bryan	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	67	61	103	0	2	1.1	11	0			
081000697	Burton Creek Trib 7 Mitigation	Detailed study to determine flooding caused by Burton Creek Trib 7 and determine flood mitigation solutions.	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	1	Riverine	City of Bryan	City of Bryan	No	\$86,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	100	93	274	0	3	0.8	12	0			
081000706	Briar Oaks Drive Storm Sewer Improvements	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070103	120701030702	08000007	H&H Modeling	1	Local	City of Bryan	City of Bryan	No	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	76	38	730	1	0	0.3	7	0			
081000716	Pecan Ridge Subdivision Flooding	Masterplan to determine source of flooding and identify potential solutions.	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	3	Local	City of Bryan	City of Bryan	No	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	88	84	383	0	0	1.0	14	20			
081000717	Old Reliance Road Overtopping	Study to determine design of culvert improvements.	08000014	Brazos	12070103	120701030602, 120701030702	08000007	Preliminary Engineering	5	Local	City of Bryan	City of Bryan	No	\$51,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	130	119	397	0	2	1.4	18	90			
081000718	Castle Heights Subdivision Flooding	Study to determine necessary detention, storm sewer, and other drainage improvements for Castle Heights subdivision.	08000014	Brazos	12070103	120701030602, 120701030702	08000007	Preliminary Engineering	2	Local	City of Bryan	City of Bryan	No	\$221,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	39	31	11	0	0	0.2	6	64			
081000719	Carter's Creek Trib B Improvements	Study to design culvert improvements along Carter's Creek Trib B.	08000014	Brazos	12070101, 12070103	120701010702, 120701030702	08000005, 08000007	Preliminary Engineering	3	Riverine	City of Bryan	City of Bryan	No	\$127,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	32	25	32	0	4	1.9	22	3			

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General Information																		Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)				
081000723	Ranchettes 2 and 3 - East	Update road and add drainage swale.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$53,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000724	Ranchettes 2 and 3 - West	Update road and add drainage swale.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$81,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000725	Ranchettes 4 - North	Local infrastructure improvements including additon of drainage swales to the roads.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$96,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000726	Ranchettes 4 - South A	Update road and add drainage swale.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$83,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000727	Ranchettes 4 - South B	Update road and add drainage swale.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$71,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000728	Ranchettes 6 and 6A - North B	Addition of roadside and interconnecting drainage swales.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$130,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000729	Ranchettes 6 and 6A - North A	Addition of drainage swales that outfall into Block House Creek.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$56,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				

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Potential Flood Management Evaluations

General Information																		Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)				
081000730	Block House Creek	Property acquisition and crossing improvements to create room for consistent channelization.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$192,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000733	Ranchettes 6 and 6A - South A	Local infrastructure improvements adjacent to the creek.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$126,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000734	Ranchettes 6 and 6A - South B	Addition of roadside and interconnecting drainage swales. Addition of roadside and interconnecting drainage swales.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$127,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000735	Riviera - Northwest	Addition of roadside drainage swale and several outfalls into the floodplain.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$76,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000736	Riviera - East	Addition of roadside drainage swale and several outfalls into the floodplain.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$125,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				
081000737	Riviera - Southwest	Addition of roadside drainage swale and several outfalls into the floodplain.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$74,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019				

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Potential Flood Management Evaluations

General Information																		Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)		
081000738	Cluck Creek - Upper	Re-grading of natural channel.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$78,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019		
081000739	Cluck Creek - Lower	Re-grading of natural channel.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$155,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019		
081000740	Deer Run	Addition of underground storm drainage and associated inlets.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$80,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019		
081000741	Spanish Oak Creek	Increase channel capacity.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$80,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2019		
081000745	Suja Lane	Implementation of detention basin to alleviate street and property flooding.	08000009	Lampasas, Coryell	12070203	120702030506	08000009, 08000010	Preliminary Engineering	3	Riverine Local	City of Copperas Cove	City of Copperas Cove	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	20	20	35	0	2	1.2	23	4		1/1/2016		
081000752	Goode - Connell Park Regional Detention Pond Improvement & Proposed Drainage Channel	Expand the regional detention pond to reduce outflow and improve outlet channel.	08000009	Bell	12070201	120702011102	08000008, 08000010	Preliminary Engineering	32	Riverine Local	City of Harker Heights	City of Harker Heights	No	\$66,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	247	113	489	1	8	11.6	39	710				
081000756	Christina Circle Drainage Improvements	Re-grading of cul-de-sac to improve drainage and replacement of existing flume.	08000009	Bell	12070201	120702011102	08000008	Preliminary Engineering	0	Riverine Local	City of Harker Heights	City of Harker Heights	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0		1/1/2015		

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081000757	Indian Trail Downstream Channel Improvements	Channel improvements.	08000009	Bell	12070201, 12070203	120702011101, 120702011102, 120702030510	08000008, 08000010	Preliminary Engineering	16	Riverine Local	City of Harker Heights	City of Harker Heights	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	257	127	599	0	7	4.1	45	118		1/1/2015		
081000762	Warriors Path Drainage Improvements	Drainage channel and structure improvements.	08000009	Bell	12070201	120702011102	08000008, 08000010	Feasibility Assessment	6	Riverine Local	City of Harker Heights	City of Harker Heights	No	\$266,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	35	0	41	1	2	3.2	10	207		1/1/2015		
081000764	City of Round Rock Erosion Control	Erosion control at several key tributaries.	08000009	Travis, Williamson	12070205	120702050402, 120702050502, 120702050403, 120702050404	08000012	Drainage Master Plan	38	Riverine	City of Round Rock	City of Round Rock	No	\$510,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	234	192	698	1	11	5.0	57	414				
081000767	Chisolm Valley	Additional modeling to determine detention basin improvements and placement.	08000009	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Preliminary Engineering	26	Riverine Local	City of Round Rock	City of Round Rock	No	\$138,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	11	5.4	41	102		1/1/2014		
081000779	Stewart Ditch Channel Repair and Improvements	Channel-improvements. Study to design channel improvements along Stewart Ditch.	08000009	Bell	12070201	120702011101	08000008, 08000009	Preliminary Engineering	2	Riverine Local	City of Killeen	City of Killeen	No	\$67,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	158	135	468	1	8	1.8	20	3		1/1/2010		
081000780	Dickens Ditch Stream Repair	Stabilization efforts downstream of Westcliff Road.	08000009	Bell	12070201	120702011101	08000008	Preliminary Engineering	1	Local	City of Killeen	City of Killeen	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1	1	2	0	1	0.0	0	0		1/1/2010		
081000782	Bunny Trail Drainage Improvements	Preliminary engineering to determine drainage improvements.	08000009	Bell	12070101, 12070201, 12070202, 12070203, 12070204, 12070205	120702011004	08000005, 08000008, 08000009, 08000010, 08000011, 08000012	Preliminary Engineering	1,082	Local	City of Killeen	City of Killeen	No	\$52,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,764	1,422	8,178	10	146	136.7	684	50,911		1/1/2012		

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081000785	Andrus Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	12040205	120402050100	08000014	H&H Modeling	5.3	Riverine Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$300,000	Local, FEMA FMA, HUD CDBG-MIT	149	107	137	0	0	1	8	272					
081000865	Flat Bank Creek Widening and Clean-Out Project	Improvements to Flat Bank Creek.	08000009	Fort Bend	12070104	120701040403	08000013, 08000014	Preliminary Engineering	12	Riverine	Sienna Plantation LID	Sienna Plantation LID	No	\$133,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30	20	36	0	0	1.5	7	362					
081000874	Nolan Creek Flood Protection Planning Study	Study to provide flood protection planning in the Nolan Creek Watershed and to develop an early warning system, local flood response plan, and possible flood protection plan.	08000014	Bell	12070201	120702011104, 120702011103, 120702011102	08000008, 08000009, 08000010	Regional Watershed Studies	68	Riverine	Bell County	Bell County	No	\$349,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	388	153	2,305	5	11	17.3	85	1,864					
081000875	~~Mary Avenue~~ Waco Creek Diversion Tunnel	~~Diversion channel to redirect water away from Mary Avenue.~~ Addition of a diversion culvert to reroute flow from Waco Creek to the Brazos River. Additional improvements to existing diversion tunnels and crossings.	08000009	McLennan	12060202	120602020803	08000002, 08000003	Preliminary Engineering	15	Riverine Local	City of Waco	City of Waco	No	\$1,909,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	622	455	9,503	3	2	10.3	138	6					
081000877	New Road to Homan Avenue Channel Improvements	Channel improvements to increase the conveyance capacity of the roadside ditch.	08000009	McLennan	12060202	120602020803	08000002, 08000003	H&H Modeling	1.1	Riverine Local	City of Waco	City of Waco	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	8	93	0	0	2	0	0					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081000878	S. MLK Jr Boulevard Channel Improvements	Channel improvements to increase the conveyance capacity of the roadside ditch.	08000009	McLennan	12060202	120602020803	08000002	Preliminary Engineering	13	Riverine Local	City of Waco	City of Waco	No	\$117,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	578	328	5,346	8	1	32.0	108	196					
081000881	~~Sharondale Drainage Improvements~~ Sharondale, Carver and Browns Lake Drainage Improvements	~~Drainage infrastructure improvements to reduce flooding in the Sharondale area.~~ Drainage infrastructure improvements to reduce flooding in the Sharondale, Carve, and Browns Lake areas.	08000009	McLennan	12060202	120602020803	08000002	Preliminary Engineering	2	Riverine Local	City of Waco	City of Waco	No	~~\$157,000~~ \$715,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	578	328	5,346	1	1	32.0	108	196					
081000884	N. 10th, 15th, 31st, 33rd Street, and Grice Drive Buyouts	Property acquisition of several residences at high flood risk.	08000009	McLennan	12060202	120602020803	08000002	Preliminary Engineering	1	Riverine Local	City of Waco	City of Waco	No	\$366,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	129	121	549	1	0	1.5	31	0					
081000890	Loop 340 Berm & Frontage Road Improvements	~~Infrastructure improvements to lessen the impact of flood events on the intersection.~~ Study to expand on the recently completed existing conditions model assessmnet. Conduct a needs assessment and identify mitigation solutions (FMPs) to be incorporated into the flood plan.	08000009	McLennan	12060202	120602020803	08000002	H&H Modeling	5.6	Riverine Local	City of Waco	City of Waco	No	~~\$100,000~~ \$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	24	8	138	0	0	1	0	152					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081000917	Develop Capital Improvements Plan	Develop plan to provide prediction of funds available for long term improvements and equipment that would be beneficial.	08000014	Williamson	12070203	120702030401	08000010	Study on Flood Preparedness	1	Riverine Local	City of Florence	City of Florence	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	57	50	89	0	0	2.4	12	46					
081000921	City of Georgetown Increase River/Channel Flow Capacity	Increase flow by deepening and widening the channel.	08000009	Williamson	12070205	120702050502, 120702050302, 120702050403, 120702050106, 120702050401, 120702050404, 120702050501, 120702050203, 120702050105, 120702050303	08000012	Feasibility Assessment	59	Riverine	City of Georgetown	City of Georgetown	No	\$606,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	175	123	1,526	0	6	18.7	82	1,792					
081000922	City of Georgetown River Erosion Control	Reduce flood and erosion risk with riverbank stabilization and riverbank walls.	08000009	Williamson	12070205	120702050502, 120702050302, 120702050403, 120702050106, 120702050401, 120702050404, 120702050501, 120702050203, 120702050105, 120702050303	08000012	Feasibility Assessment	59	Riverine	City of Georgetown	City of Georgetown	No	\$606,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	175	123	1,526	0	6	18.7	82	1,792					
081000924	City of Georgetown Culvert Improvements	Increase size of culverts at key locations to adequately convey storm water.	08000009	Williamson	12070205	120702050502, 120702050302, 120702050403, 120702050106, 120702050401, 120702050404, 120702050501, 120702050203, 120702050105, 120702050303	08000012	Feasibility Assessment	59	Riverine Local	City of Georgetown	City of Georgetown	No	\$606,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	175	123	1,526	0	6	18.7	82	1,792					
081000926	Channel Stabilization	Stabilize channel at inner loop culverts.	08000009	Williamson	12070205	120702050502, 120702050501	08000012	Feasibility Assessment	48	Riverine	City of Georgetown	City of Georgetown	No	\$556,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	366	282	795	0	9	19.3	102	2,627					
081000934	Low Water Crossing Monitoring & Mitigation	Install automated warning devices or elevate 2 low water crossings on CR 305.	08000007	Williamson	12070203, 12070204, 12070205	120702030402, 120702040106, 120702050503, 120702050302	08000010, 08000011, 08000012	Feasibility Assessment	3	Riverine	City of Jarrell	City of Jarrell	No	\$217,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	1	0	2	0	0	2.0	4	45					

TWDB Table 12 -
Potential Flood Management Evaluations

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081000936	Lift Station Floodproofing	Flood proof city lift stations or improve culverts to lessen flood risk.	08000012	Williamson	12070203, 12070204, 12070205	120702030402, 120702040106, 120702050503, 120702050302	08000010, 08000011, 08000012	Feasibility Assessment	3	Riverine Local	City of Jarrell	City of Jarrell	No	\$217,000	Local, TWDB FIF, FEMA HMGP, TWDB CWSRF, FEMA BRIC, FEMA FMA	1	0	2	0	0	2.0	4	45					
081000939	Dam Emergency Action Plan	Complete EAPs for Sites 9, 29, 2, 3, 6, 7, 17, 18, and 25 to be in compliance with TCEQ standards.	08000014	Williamson	12070102, 12070203, 12070204, 12070205	120702011004	08000006, 08000010, 08000011, 08000012	Study on Flood Preparedness	1,131	Riverine	Williamson County	Lower Brushy Creek WC&ID	No	\$500,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	3,519	2,758	7,496	5	167	167.4	728	67,370					
081000941	Mustang Creek Study	Detailed H&H modeling to mitigate flooding from Upper Mustang Creek on the City of Taylor.	08000014	Williamson	12070205	120702050405	08000012	Regional Watershed Studies	55	Riverine	City of Taylor	City of Taylor	No	\$290,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	111	71	199	0	13	6.6	51	4,157					
081000942	Stream Crossing Upgrades	Upgrade crossings at CR 368, 369, 445, and 424.	08000007	Williamson	12070205	120702050405, 120702050408	08000012	Feasibility Assessment	29	Riverine	City of Taylor	City of Taylor	No	\$463,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	14	33	0	4	3.6	19	3,255					
081000943	Lake Creek Structural Elevation	Elevate or floodproof structures currently in high risk areas. Use H&H modeling to prioritize properties.	08000009	Travis, Williamson	12070205	120702050402, 120702050502, 120702050403, 120702050404	08000012	Feasibility Assessment	38	Riverine Local	City of Round Rock	City of Round Rock	No	\$510,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	234	192	698	1	11	5.0	57	414					
081000944	Lake Creek Tributary 2	Develop H&H models for watershed and evaluate methods to provide flood protection to the area.	08000014	Travis, Williamson	12070205	120702050402	08000012	Regional Watershed Studies	28	Riverine	City of Round Rock	City of Round Rock	No	\$166,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	224	195	1,458	1	13	7.2	45	151					
081000945	Improve Chandler Branch Tributary	Channel improvements from Eagles Nest St to Settlement Dr.	08000009	Williamson	12070205	120702050402	08000012	Feasibility Assessment	3	Riverine	City of Round Rock	City of Round Rock	No	\$202,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	21	18	38	0	1	0.4	13	10					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000946	Brushy Creek Stabilization	Use toe blocks and re-establish riparian vegetation zone to stabilize 1200 feet of stream banks.	08000009	Williamson	12070205	120702050402	08000012	Feasibility Assessment	0	Riverine	City of Round Rock	City of Round Rock	No	\$121,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	25	22	77	0	0	0.1	3	1			
081000950	Barker Street Neighborhood Improvements	Determine optimal drainage improvements to maximize flood protection for the area.	08000014	Travis, Williamson	12070205	120702050402, 120702050401	08000012	Drainage Master Plan	26	Local	City of Thrall	City of Thrall	No	\$440,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	269	230	819	0	11	5.4	41	102			
081000951	Brushy Creek Tributaries Study	Perform a detailed study of the Brushy Creek tributaries in the City of Thrall.	08000014	Williamson	12070205	120702050408	08000012	Regional Watershed Studies	11	Riverine	City of Thrall	City of Thrall	No	\$88,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	11	5	10	0	1	1.8	8	1,105			
081000953	A21	Addition of in-line detention along Cottonwood Creek.	08000009	Williamson	12070205	120702050404	08000012	Preliminary Engineering	11	Riverine Local	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	68	43	122	0	2	1.4	17	466			
081000954	A12	New Broade Street off-channel detention.	08000009	Travis, Williamson	12070205	120702050401	08000012	Preliminary Engineering	61	Riverine Local	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$257,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	388	325	1,064	0	20	8.5	81	216			
081000955	Dam 101	Construction of dam to provide flood storage for Lake Creek.	08000009	Travis, Williamson	12070205	120702050402	08000012	Preliminary Engineering	28	Riverine	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$1,262,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	224	195	1,458	1	13	7.2	44	151			
081000956	Dam 102	Study to design dam to provide flood storage for Lake Creek.	08000009	Travis, Williamson	12070205	120702050402	08000012	Preliminary Engineering	28	Riverine	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$1,000,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	224	195	1,458	1	13	7.2	44	151			
081000957	620 Quarry Solution	Study to determine needed flood storage to address Lake Creek flooding.	08000009	Travis, Williamson	12070205	120702050402	08000012	Preliminary Engineering	28	Riverine	City of Round Rock	City of Round Rock	No	\$877,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	224	195	1,458	0	13	7.2	44	151			

TWDB Table 12 -
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081000958	Dam 14 Rehabilitation	Study to design erosion repairs for the downstream slope, mitigation for the longitudinal cracking on the dam crest, and auxiliary spillway improvements.	08000009	Williamson	12070205	120702050403	08000012	Preliminary Engineering	24	Riverine	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$148,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	28	11	91	0	0	0.9	12	399					
081000959	A14	Addition of in-line detention west of Dam 17.	08000009	Williamson	12070205	120702050404	08000012	Preliminary Engineering	12	Riverine Local	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	8	3	216	0	2	0.7	9	427					
081000960	A13	Addition of in-line detention between Dam 15 and 16.	08000009	Williamson	12070205	120702050403	08000012	Preliminary Engineering	24	Riverine Local	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	28	11	91	0	0	0.9	12	399					
081000961	Dam 15 Rehabilitation	The rehabilitation project will repair erosion along the upstream toe of the dam that has been caused by wind-driven wave action.	08000009	Williamson	12070205	120702050404	08000012	Preliminary Engineering	1	Riverine Local	Upper Brushy Creek WCID	Upper Brushy Creek WCID, Lower Brushy Creek WCID	No	\$111,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1	0	0	0	0	0.0	0	92					
081000962	Rowland Ave/Frey St Drainage Improvements	Update design to account for Atlas 14 rainfall.	08000009	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	37	31	152	0	1	0.7	5	3					
081000963	Tarleton St/Rowland Ave Drainage Improvements Ph 1&2	Update design to account for Atlas 14 rainfall.	08000009	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0					

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081000964	Crow St/Long St Drainage Improvements	Update design to account for Atlas 14 rainfall.	08000009	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	12	2	9	0	0	0.3	4	15						
081000966	Simonton Ring Levee	Construction of a ring levee to protect Brazos Valley Development between Bessie's Creek and the Brazos River.	08000009	Fort Bend, Austin, Waller	12070104	120701040309, 120701040307, 120701040308	08000013, 08000014	Preliminary Engineering	113	Riverine	City of Simonton	City of Simonton	No	\$1,828,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,546	1,703	2,826	1	2	88.4	171	22,600						
081000967	Weston Lakes Levee	Construction of 2 levees to protect the Weston Lake Development.	08000009	Fort Bend, Austin, Waller	12070104	120701040309, 120701040308	08000013, 08000014	Preliminary Engineering	83	Riverine	City of Fulshear	City of Fulshear	No	\$551,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,308	836	1,951	1	2	39.0	114	12,478						
081000968	Columbia Lakes Levee	Construction of 2 levees to protect the Columbia Lakes Development.	08000009	Brazoria	12070104	120701040503	08000013, 08000014	Preliminary Engineering	49	Riverine	City of West Columbia	City of West Columbia	No	\$382,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	620	442	850	0	0	20.8	49	5,093						
081000969	Oyster Creek Levee	Construction of a ring levee to protect the Lake Jackson Development.	08000009	Brazoria	12070104, 12040205	120701040505, 120402050400	08000013, 08000014	Preliminary Engineering	94	Riverine	City of Lake Jackson	City of Lake Jackson	No	\$4,686,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3,718	3,208	7,487	3	0	148.5	235	17,819						
081000970	Pecan Grove Levee	Construction of a ring levee to protect development in the Bullhead Bayou and Pecan Grove area.	08000009	Fort Bend	12070104	120701040402, 120701040401	08000013, 08000014	Preliminary Engineering	116	Riverine	City of Richmond	City of Richmond	No	\$2,368,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3,662	2,928	6,574	12	1	72.8	231	16,072						

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000973	Lower Oyster Creek Improvements	Channel bank fill and improvements to create smooth transitions between diversion, flume, and creek channels during large storm improvements.	08000009	Fort Bend	12040205, 12070104	120402050200, 120701040403, 120701040409	08000013, 08000014	Preliminary Engineering	2	Riverine Local	City of Missouri City	City of Missouri City	No	\$54,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30	26	58	0	0	3.4	18	373			
081000974	Commonwealth Blvd Drainage Improvements	Design and construct drainage improvements along Commonwealth Blvd between Monarch Dr, Elkins Rd, St Michaels Ct, and Knightsbridge Ct.	08000009	Fort Bend	12070104	120701040403	08000013	Preliminary Engineering	1	Local	City of Sugar Land	City of Sugar Land	No	\$183,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000975	Covington West and Imperial Woods Drainage Improvements	Drainage infrastructure improvements to reduce flooding in the Covington West drainage area.	08000009	Fort Bend	12040205	120402050100	08000014	Preliminary Engineering	1	Local	City of Sugar Land	City of Sugar Land	No	\$215,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000976	Sugar Creek Watershed Analysis	Complete a drainage study for the Sugar Creek neighborhood to mitigate flooding risk.	08000014	Fort Bend	12040205	120402050200	08000014	Regional Watershed Studies	2	Riverine	City of Sugar Land	City of Sugar Land	No	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	26	14	165	0	0	2.3	18	1			
081000978	Colony Bend, Colony Grant, Stephens Grant Drainage Improvements	Complete a drainage study, design, and construction of drainage improvements to reduce flooding risk in the neighborhoods.	08000009	Fort Bend	12070104	120701040403	08000013	Preliminary Engineering	1	Local	City of Sugar Land	City of Sugar Land	No	\$421,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000979	City of Sugar Land Flood Innundation Mapping	Update of the Integrated Stormwater Management Model to include improvements to predictions in leveed areas.	08000014	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040402, 120402050100, 120402050200	08000013, 08000014	Regional Watershed Studies	43	Riverine	City of Sugar Land	City of Sugar Land	No	\$233,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000980	Chimneystone, Austin, and Settlers Parks Improvements Phase III	Design and construct drainage improvements to Wagon Trail and Settlers Way in Settlers Park.	08000009	Fort Bend	12070104	120701040403	08000013	Preliminary Engineering	1	Local	City of Sugar Land	City of Sugar Land	No	\$551,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000981	Sugar Creek East Ditch	Install box culverts in the Sugar Creek East Ditch for storm water control.	08000009	Fort Bend	12040205	120402050200	08000014	Preliminary Engineering	2	Riverine	City of Sugar Land	City of Sugar Land	No	\$253,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	26	14	165	0	0	2.3	18	1			
081000982	Lakebend Sugar Creek Outfall & Drainage	Replace outfall structure and channel improvements at Sugar Creek & Parkway Blvd and upsize storm water systems.	08000009	Fort Bend	12040205	120402050200	08000014	Preliminary Engineering	2	Riverine	City of Sugar Land	City of Sugar Land	No	\$388,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	26	14	165	0	0	2.3	18	1			
081000983	Imperial Woods/Lynnwood Lane Drainage Improvements	Upsize water system and inlet replacement along Woodchester, Lynnwood, Oakwood, and Fernhill.	08000009	Fort Bend	12040205	120402050100	08000014	Preliminary Engineering	0	Local	City of Sugar Land	City of Sugar Land	No	\$166,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000984	Monarch Dr Drainage Improvements	Upsize storm water system south of Commonwealth Blvd.	08000009	Fort Bend	12070104	120701040403, 120701040402	08000013	Preliminary Engineering	0	Local	City of Sugar Land	City of Sugar Land	No	\$183,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	1	0			
081000985	Riverbend North Drainage improvements	Upsize storm water system and inlets in Riverbend North.	08000009	Fort Bend	12040205	120402050200	08000014	Preliminary Engineering	0	Local	City of Sugar Land	City of Sugar Land	No	\$166,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	199	192	348	1	0	2.6	10	4			
081000986	Lakes of Austin Park Drainage Improvements	Upsize storm water systems and inlets.	08000009	Fort Bend	12070104	120701040403	08000013	Preliminary Engineering	0	Local	City of Sugar Land	City of Sugar Land	No	\$129,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			

TWDB Table 12 -
 Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081000987	Telfair Inlet Replacements	Update storm water inlets.	08000009	Fort Bend	12070104	120701040402	08000013	Preliminary Engineering	2	Local	City of Sugar Land	City of Sugar Land	No	\$73,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000988	Greatwood Inlet Replacements	Update storm water inlets.	08000009	Fort Bend	12070104	120701040402	08000013	Preliminary Engineering	3	Local	City of Sugar Land	City of Sugar Land	No	\$82,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000989	New Territory Inlet Replacements	Update storm water inlets.	08000009	Fort Bend	12070104	120701040402	08000013	Preliminary Engineering	3	Local	City of Sugar Land	City of Sugar Land	No	\$92,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	1	0			
081000990	LID 2 Watershed Analysis	Complete a drainage study for the Sugar Creek neighborhood to mitigate flooding risk.	08000014	Fort Bend	12070104	120701040402	08000013, 08000014	Regional Watershed Studies	8	Riverine Local	City of Sugar Land	City of Sugar Land	No	\$75,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	2			
081000991	Williams Trace and Highlands Drainage Improvements	Upsize storm water system and install inlet improvements along Williams Trace from south of SH 6 to Oyster Creek and Lexington Blvd from Williams Trace to Oyster Creek.	08000009	Fort Bend	12040205	120402050200	08000013, 08000014	Preliminary Engineering	1	Local	City of Sugar Land	City of Sugar Land	No	\$388,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081000998	Pierce Street Storm Drain Improvements	Upsizing of storm sewer throughout the neighborhood to prevent flooding for the 10-year storm.	08000009	Brazos	12070103	120701030702	08000007	Preliminary Engineering	1	Riverine	City of Bryan	City of Bryan	No	\$129,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	20	20	49	0	0	0.2	0	0			
081000999	Hudson Creek Regional Detention	Study to design regional detention upstream of Copperfield to mitigate flooding and maintenance problems.	08000014	Brazos	12070103	120701030603, 120701030702	08000007	Feasibility Assessment	3	Riverine Local	City of Bryan	City of Bryan	No	\$160,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	26	21	86	0	0	0.3	3	12			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001002	23rd Street Draining & Maintenance	Study to determine cause and proposed alternatives to mitigate flooding in the subdivision.	08000014	Brazos	12070101	120701010702	08000005, 08000007	Preliminary Engineering	1	Local	City of Bryan	City of Bryan	No	\$128,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1	1	1	0	0	0.0	2	0			
081001003	Tennessee Avenue Crossing	A study and detailed design needs to be completed to assess the flooding and design culvert improvements to reduce road overtopping.	08000014	Brazos	12070101, 12070103	120701010702, 120701030702	08000005, 08000007	Preliminary Engineering	4	Local	City of Bryan	City of Bryan	No	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	126	117	310	0	5	2.3	36	20			
081001004	Shirley Lane Flooding	Street reconstruction to better direct flow and expand roadside ditch.	08000010	Brazos	12070101, 12070103	120701010702, 120701030702	08000005, 08000007	Preliminary Engineering	1	Local	City of Bryan	City of Bryan	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	22	19	63	0	1	0.4	4	0			
081001005	Lynndale Acres Ph 2: Old Hearne and McHaney Street	A study of the drainage area is needed to assess and propose improvements to reduce flooding in the area. As part of this study, alternatives should be recommended.	08000014	Brazos	12070101, 12070103	120701010702, 120701030702	08000005, 08000007	Preliminary Engineering	2	Local	City of Bryan	City of Bryan	No	\$73,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	98	92	221	0	4	1.4	23	0			
081001009	Thompsons Branch & SH 6 Drainage Improvements	Study to design several improvements to mitigate flooding at the crossing.	08000014	Brazos	12070101	120701010609, 120701010610, 120701010613, 120701010701, 120701010702, 120701010703	08000005, 08000007	Preliminary Engineering	28	Riverine Local	City of Bryan	City of Bryan	No	\$137,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	7	6	3	0	3	2.0	6	978			
081001015	Turkey Creek Drainage Improvements	Detailed design of improvements throughout the Turkey Creek watershed, especially to fix erosion problems.	08000014	Brazos	12070101, 12070103	120701010702, 120701010703, 120701010705, 120701030702	08000005, 08000007	Preliminary Engineering	9	Riverine Local	City of Bryan	City of Bryan	No	\$222,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	14	14	22	0	0	0.5	9	19			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)			
081001020	South For of Turkey Creek Improvements	Erosion control and crossing improvements along South Fork of Turkey Creek.	08000010	Brazos	12070101, 12070103	120701010702, 120701010703, 120701010705, 120701030702	08000005, 08000007	Preliminary Engineering	9	Riverine Local	City of Bryan	City of Bryan	No	\$61,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	14	14	22	0	0	0.5	9	19					
081001021	Burton Creek Extension of Flood Study	Expansion of previous study to improve characterization of flood risk.	08000014	Brazos	12070101, 12070103	120701010702, 120701010703, 120701030702	08000005, 08000007	Regional Watershed Studies	7	Riverine	City of Bryan	City of Bryan	No	\$71,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	348	254	1,235	2	9	4.3	47	0					
081001022	Thompson Creek Floodplain Study from RELIS to HW 6 to Establish Floodway	Study of Thompson Creek to determine flood risk.	08000014	Brazos	12070101	120701010609, 120701010610, 120701010613, 120701010701, 120701010702, 120701010703	08000005, 08000007	Regional Watershed Studies	28	Riverine	City of Bryan	City of Bryan	No	\$164,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	7	6	3	0	3	2.0	6	978					
081001023	Study Wickson Creek for Floodplain/Floodway from FM 974 to Navasota River	Study of Wickerson Creek to determine flood risk.	08000014	Brazos	12070103	120701030603, 120701030602	08000005, 08000007	Regional Watershed Studies	88	Riverine	City of Bryan	City of Bryan	No	\$436,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	52	45	39	0	4	5.2	25	3,489					
081001027	Citywide FEMA Flood Study	City wide updates to floodplain mapping.	08000014	Brazos	12070101, 12070103	120701010702, 120701010703, 120701030702	08000005, 08000007	Regional Watershed Studies	45	Riverine	City of Bryan	City of Bryan	No	\$241,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	1,120	870	2,013	3	36	37.2	94	4,194					
081001028	Storm Sewer at UPRR Rail and 31st Street	Design of improvements to storm sewer to increase capacity under the identified crossing.	08000009	Brazos	12070101, 12070103	120701010702, 120701030702	08000005, 08000007	Preliminary Engineering	0	Local	City of Bryan	City of Bryan	No	\$80,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	40	0	0	0.1	1	0					
081001029	Downtown Storm Sewer Improvements to Still Creek	Study and design of storm drain improvements throughout the Still Creek watershed.	08000009	Brazos	12070101	120701010702	08000005, 08000007	Feasibility Assessment	1	Local	City of Bryan	City of Bryan	No	\$126,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	1	0					
081001030	Erosion Master Plans: Briar Creek at Bob Bond Park	Study to determine erosion solutions along Briar Creek.	08000009	Brazos	12070103	120701030702	08000007	Drainage Master Plan	0	Riverine	City of Bryan	City of Bryan	No	\$94,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	10	10	20	0	1	0.1	2	0					

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081001031	Burton Creek Failed Channel Linings	Study to design fixes for channel linings along Burton Creek.	08000014	Brazos	12070103	120701030702	08000007	Preliminary Engineering	1	Riverine	City of Bryan	City of Bryan	No	\$148,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	195	171	781	1	5	2.2	25	0		
081001032	Brushy Creek Flood Study Extension	Expansion of previous study to improve characterization of flood risk.	08000014	Brazos	12070103	120701030603	08000007	Regional Watershed Studies	12	Riverine	City of Bryan	City of Bryan	No	\$92,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	7	7	5	0	0	0.2	4	324		
081001033	Philips Event Center Detention Pond at Hole 8 - Maintenance and Dredging	Maintenance on detention pond to increase storage.	08000010	Brazos	12070103	120701030702	08000007	Preliminary Engineering	3	Riverine Local	City of Bryan	City of Bryan	No	\$129,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	100	93	191	0	5	1.9	15	7		
081001035	Improve Undersized Storm Sewers in Briar Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	12070103	120701030702	08000007	H&H Modeling	3	Local	City of Bryan	City of Bryan	No	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	100	93	191	0	5	1.9	15	7		
081001036	Improve Undersized Storm Sewers in Burton Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	12070101, 12070103	120701010702, 120701010703, 120701030702	08000005, 08000007	H&H Modeling	7	Local	City of Bryan	City of Bryan	No	\$300,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	348	254	1,235	2	9	4.3	47	0		
081001037	Improve Undersized Storm Sewers in Carter Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	12070101, 12070103	120701010702, 120701030602, 120701030702	08000005, 08000007	H&H Modeling	12	Local	City of Bryan	City of Bryan	No	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	190	158	491	1	6	5.0	48	184		
081001038	Improve Undersized Storm Sewers in Hudson Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	12070103	120701030603, 120701030702	08000007	H&H Modeling	3	Local	City of Bryan	City of Bryan	No	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	26	21	86	0	0	0.3	3	12		
081001039	Improve Undersized Storm Sewers in Cottonwood Branch/Still Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	12070101, 12070103	120701010702, 120701010703, 120701030702	08000005, 08000007	H&H Modeling	17	Local	City of Bryan	City of Bryan	No	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	254	166	581	0	12	5.5	51	292		

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Potential Flood Management Evaluations

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081001040	Improve Undersized Storm Sewers in Turkey Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	12070101, 12070103	120701010702, 120701010703, 120701010705, 120701030702	08000005, 08000007	H&H Modeling	9	Local	City of Bryan	City of Bryan	No	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	14	14	22	0	0	0.5	9	19			
081001042	Elm St/Graham Ave Drainage Improvements Ph 1&2	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081001043	Second Ave/Hyman Ave/Alexaner Rd Drainage Improvements	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	2	0			
081001044	Lingleville Rd Drainage Improvements	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Erath	12060204	120602040103	08000004	H&H Modeling	1	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	4	2	7	0	0	0.2	1	25			
081001045	Moonlight Tr Drainage Improvements	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Erath	12060204	120602040102	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081001046	Old Hico Rd Drainage Improvements	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0			
081001047	Dale Ave Drainage Improvements	Update design to account for Atlas 14 rainfall.	08000006	Erath	12060204	120602040102	08000004	H&H Modeling	1	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1	1	2	0	2	0.6	8	0			

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081001048	Belknap Drainage Improvements	Update design to account for Atlas 14 rainfall.	08000006	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	9	2	10	0	0	0.3	3	10				
081001049	Northwest Loop Subbasin	Update design to account for Atlas 14 rainfall.	08000006	Erath	12060204	120602040103	08000004	H&H Modeling	3	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	58	35	174	0	2	1.3	12	14				
081001051	Lockhart Rd Culverts	Proposed improvements to culverts, need a more in depth study of associated road improvements.	08000014	Erath	12060204	120602040103	08000004	Preliminary Engineering	2	Riverine Local	City of Stephenville	City of Stephenville	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1	1	1	0	0	0.2	3	10				
081001052	Swan St Culverts	Update design to account for Atlas 14 rainfall.	08000006	Erath	12060204	120602040103	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	20	16	37	0	0	0.5	4	1				
081001053	Prairie Wind Improvements	Update design to account for Atlas 14 rainfall.	08000006	Erath	12060204	120602040102	08000004	H&H Modeling	2	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	9	9	30	0	3	1.1	10	61				
081001055	Rowland Channel Drainage Improvements	Alternative analysis to determine whether property acquisition or addition of detention is more feasible.	08000014	Erath	12060204	120602040103	08000004	Feasibility Assessment	3	Riverine Local	City of Stephenville	City of Stephenville	No	\$198,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	58	35	174	0	2	1.3	12	14				
081001056	Spring Bouquet Drainage Improvements	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Erath	12060204	120602040102	08000004	H&H Modeling	0	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	17				

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001065	Carters Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Brazos	12070103	120701030704, 120701030702	08000005, 08000007	Regional Watershed Studies	58	Riverine	City of College Station	City of College Station	No	\$304,000	Local, TWDB FIF, FEMA FMA	849	646	2,564	8	43	17.1	152	1,275			
081001066	Hope's Creek Flood Study	Study to determine flood risk across the watershed.	08000014	Brazos	12070101	120701010705	08000005, 08000007	Regional Watershed Studies	10	Riverine	City of College Station	City of College Station	No	\$158,000	Local, TWDB FIF, FEMA FMA	37	24	62	0	0	1.3	5	702			
081001067	Peach Creek Flood Study	Study to determine flood risk across the watershed.	08000014	Brazos	12070103	120701030707	08000005, 08000007	Regional Watershed Studies	26	Riverine	City of College Station	City of College Station	No	\$84,000	Local, TWDB FIF, FEMA FMA	15	13	2	0	0	0.2	2	106			
081001068	FBCDD Drop Structures - Condition Assessments & Upgrades	Create inventory of structures and condition, prioritize and design upgrades to structures as needed.	08000014	Fort Bend	12070104, 12040205	120701040404, 120701040405, 120701040406, 120701040403, 120701040408, 120701040409, 120701040407, 120701040501, 120701040402, 120701040401, 120701040309, 120701040307, 120701040308, 120402050100, 120402050300, 120402050200	08000013, 08000014	Study on Flood Preparedness	609	Riverine Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	No	\$2,712,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	14,277	11,612	26,966	28	2	299.9	1,167	95,254			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)
081001115	City of Killeen Early Flood Warning System	~~Develop and implement a warning system to notify public of flood risk.~~ Development of an early flood warning system for Killeen including identification of potential gauge placements, development of software and GUI to monitor flood risk at gauged locations, and incorporation with the City's existing systems.	08000019	Bell	12070201, 12070202, 12070203	120702011101, 120702020303, 120702030403, 120702030507, 120702030509, 120702030510	08000008, 08000009, 08000010	Study on Flood Preparedness	53.8	Riverine	City of Killeen	City of Killeen	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	799	564	2,707	2	49	15	265	3,037		
081001117	City of Cleburne Early Flood Warning System	Develop an early warning system for Buffalo and Meaner Creek which would remotely alert at the site when the water reaches a dangerous level.	08000019	Johnson	12060202	120602020201, 120602020202, 120602020203	08000002	Study on Flood Preparedness	31.2	Riverine	City of Cleburne	City of Cleburne	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	584	422	2,384	8	8	22	239	7,290		
081001145	Dam 18 Rehabilitation	Improvements to ensure dam provides necessary protection against flood risk.	08000009	Williamson	12070205	120702050408	08000012	Preliminary Engineering	11	Riverine	Upper Brushy Creek WCID	Upper Brushy Creek WCID	No	\$500,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	11	5	10	0	1	1.8	8	1,105		

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Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001146	Waller County Master Drainage Plan	Study to determine food risk and potential solutions throughout the county.	08000014	Waller	12070101, 12070104	120701010908, 120701010803, 120701010804, 120701040102, 120701040103, 120701040104, 120701040105, 120701040106, 120701040108, 120701040210, 120701040301, 120701040302, 120701040303, 120701040304, 120701040307, 120701040308	08000005, 08000013, 08000014	Drainage Master Plan	516	Riverine Local	Waller County	Waller County	No	\$1,430,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,038	1,007	1,327	0	0	90.2	0	3					
081001147	University Oaks Crossing	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	1	Riverine Local	City of College Station	City of College Station	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	13	150	0	5	1.3	2	24					
081001148	Texas Ave Crossing & Channel Improvements (Hwy 6 to Texas) & Detenton Pond	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	1207010107, 1207010307	08000005, 08000007	H&H Modeling	9	Riverine Local	City of College Station	City of College Station	No	\$100,000	Local, TWDB FIF, FEMA FMA	69	50	85	1	9	2.1	19	75					
081001149	Southwest Pkwy Crossing Trib B.1	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	0	Riverine Local	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	1.6	1	4					
081001150	Southwest Pkwy Crossing Trib B.2.1	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	0	Riverine Local	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	2	5	0	0	0.2	0	2					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001151	Southwest Pkwy Crossing Trib B.2	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	0	Riverine Local	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	14	32	0	0	0.5	0	3			
081001152	Miliff Rd Crossing	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	1207010107, 1207010307	08000005, 08000007	H&H Modeling	1	Riverine Local	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	9	9	136	0	2	1.0	0	1			
081001153	Hwy 6 Crossing & DS Channel Improvements	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	2	Riverine Local	City of College Station	City of College Station	No	\$100,000	Local, TWDB FIF, FEMA FMA	26	26	86	1	0	1.7	2	12			
081001154	Holleman Crossing & Channel Improvements (Glade to Holleman)	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000005, 08000007	H&H Modeling	1	Riverine Local	City of College Station	City of College Station	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3	3	8	0	0	1.3	2	9			
081001155	Harvey Rd Crossing	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	1	Riverine Local	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	13	150	0	5	1.3	2	24			
081001156	FM 2818 Crossing & Channel Improvements (FM-2818 to Welsh) & Detention Pond	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000005, 08000007	H&H Modeling	5	Riverine Local	City of College Station	City of College Station	No	\$100,000	Local, TWDB FIF, FEMA FMA	22	19	45	1	9	1.2	7	33			
081001157	Brothers Blvd Crossing & Channel (Rio Grande to Longmire)	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	1	Riverine Local	City of College Station	City of College Station	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.6	1	12			

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Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001158	Channel Upstream of Welsh	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	0	Riverine Local	City of College Station	City of College Station	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.3	0	14			
081001159	Texas Ave Crossing & Channel Improvements (Longmire to Hwy 6)	Update design to account for Atlas 14 rainfall.	08000006	Brazos	12070101, 12070103	120701010705, 120701030704, 120701030702, 120701030707	08000007	H&H Modeling	1	Riverine Local	City of College Station	City of College Station	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	24	14	6	0	0	1.3	3	16			
081001160	Berry Branch Brushy Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson, Milam	12070205	120702050408	08000006, 08000012	Drainage Master Plan	56	Riverine Local	Williamson County	Williamson County	No	\$591,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	41	21	27	1	8	9.8	36	7,744			
081001161	Big Creek Navasota DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Grimes, Brazos	12070103	120701030804	08000005, 08000007	Drainage Master Plan	59	Riverine Local	Brazos County	Brazos County	No	\$604,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	346	233	1,065	2	4	16.9	60	15,184			
081001162	Boggy Creek Brushy Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Travis, Williamson	12070205	120702050406	08000012	Drainage Master Plan	60	Riverine Local	Williamson County	Williamson County	No	\$607,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	143	118	141	0	6	7.5	25	8,636			
081001163	Brazoria DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Brazoria, Fort Bend	12070104, 12040205	120701040503, 120701040505, 120402050400, 120402050300, 120402050200	08000013, 08000014	Drainage Master Plan	608	Riverine Local	Brazoria County	Brazoria County	No	\$1,526,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	13,458	10,611	26,103	25	0	449.1	751	87,452			

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Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001164	Lampasas Sulphur Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Burnet, Lampasas	12070203	120702030306	08000010	Drainage Master Plan	66	Riverine Local	Lampasas County	Lampasas County	No	\$629,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	663	273	3,160	6	12	15.2	90	1,094					
081001165	Thompson Branch-Davidson Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Burleson	12070102	120701020402	08000005, 08000006	Drainage Master Plan	48	Riverine Local	Burleson County	Burleson County	No	\$560,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	129	61	320	5	1	6.4	34	2,118					
081001166	Castleman Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan	12060202	120602020804	08000002, 08000003, 08000005	Drainage Master Plan	28	Riverine Local	McLennan County	McLennan County	No	\$454,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	160	132	504	1	1	4.0	30	1,854					
081001167	Cleburne-Buffalo Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Johnson	12060202	120602020202	08000002	Drainage Master Plan	68	Riverine Local	Johnson County	Johnson County	No	\$639,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	816	601	2,541	8	12	21.4	152	2,859					
081001168	Clifton DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Bosque	12060204	120602040404	08000002, 08000004	Drainage Master Plan	41	Riverine Local	Bosque County	Bosque County	No	\$528,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	285	156	692	1	6	13.3	77	4,983					
081001169	Copperas Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Brown, Comanche, Eastland	12070201	120702010301	08000008	Drainage Master Plan	54	Riverine Local	Comanche County	Comanche County	No	\$585,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	168	94	122	2	1	13.6	55	2,670					

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001170	Cottonwood Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan	12060202	120602020803	08000002, 08000003	Drainage Master Plan	50	Riverine Local	McLennan County	McLennan County	No	\$567,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,546	974	15,805	11	3	62.3	290	3,255			
081001171	Dry Berry Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050302	08000010, 08000012	Drainage Master Plan	38	Riverine Local	Williamson County	Williamson County	No	\$509,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	100	53	86	0	5	7.1	26	2,790			
081001172	Flat Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan	12060202	120602020802	08000002, 08000003	Drainage Master Plan	19	Riverine Local	McLennan County	McLennan County	No	\$392,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	201	114	1,789	3	1	5.7	41	886			
081001173	Hogpen Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Falls, Limestone, McLennan	12070101	120701010201	08000002, 08000005, 08000007	Drainage Master Plan	49	Riverine Local	McLennan County	McLennan County	No	\$561,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	42	25	40	0	6	3.3	31	3,521			
081001174	Comanche-Indian Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Comanche	12070201	120702010502	08000008	Drainage Master Plan	55	Riverine Local	Comanche County	Comanche County	No	\$587,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	237	148	367	1	4	8.9	64	3,167			
081001175	Lake Waco DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Coryell, McLennan	12060203, 12060204	120602030302, 120602030303, 120602040407	08000002, 08000003, 08000004, 08000005, 08000008	Drainage Master Plan	107	Riverine Local	McLennan County	McLennan County	No	\$763,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	387	212	575	1	8	54.7	108	6,807			

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Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001176	Mustang Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050405	08000012	Drainage Master Plan	55	Riverine Local	Williamson County	Williamson County	No	\$589,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	111	71	199	0	13	6.6	51	4,157					
081001177	Nash Creek-Leon DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Eastland	12070201	120702010201	08000001, 08000008	Drainage Master Plan	58	Riverine Local	Eastland County	Eastland County	No	\$601,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	8	0	2	0	3	7.9	26	2,361					
081001178	Eastland-Lake Leon DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Eastland	12070201	120702010104, 120702010108, 120702010105	08000008	Drainage Master Plan	147	Riverine Local	Eastland County	Eastland County	No	\$864,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	626	325	1,006	6	0	36.6	143	2,717					
081001179	Sandy Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Grimes	12070101	120701010802	08000005, 08000007	Drainage Master Plan	59	Riverine Local	Grimes County	Grimes County	No	\$603,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	226	137	426	3	0	8.0	38	3,030					
081001180	South Nolan Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Bell, Coryell	12070201	120702011101, 120702011104, 120702011102	08000008, 08000009, 08000010	Drainage Master Plan	92	Riverine Local	Bell County	Bell County	No	\$718,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,237	740	5,003	7	60	30.2	208	1,514					
081001181	Tradinghouse Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Limestone, McLennan	12060202	120602020707	08000002, 08000005, 08000007	Drainage Master Plan	39	Riverine Local	McLennan County	McLennan County	No	\$516,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	46	28	55	0	4	4.0	23	1,643					

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Potential Flood Management Evaluations

General Information																Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)
081001182	Turkey Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson, Milam	12070205	120702050409	08000012	Drainage Master Plan	63	Riverine Local	Williamson County	Williamson County	No	\$619,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	92	69	81	0	4	7.1	34	7,858		
081001183	White Rock Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan	12060202	120602020801	08000002, 08000003, 08000004	Drainage Master Plan	53	Riverine Local	McLennan County	McLennan County	No	\$582,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	288	155	513	0	3	6.8	36	5,620		
081001184	Lake Graham-Salt Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Young	12060201	120602010107	08000001	Drainage Master Plan	60	Riverine Local	Young County	Young County	No	\$607,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	595	369	873	3	5	14.0	49	2,247		
081001185	Walnut Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Hood	12060201	120602011208	08000001, 08000002	Drainage Master Plan	62	Riverine Local	Hood County	Hood County	No	\$617,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	616	525	1,180	0	7	6.9	58	335		
081001186	Bee Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Hood, Parker	12060201	120602011207	08000001	Drainage Master Plan	60	Riverine Local	Brazos County	Brazos County	No	\$609,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,220	976	2,076	1	1	26.4	104	3,868		
081001187	Pollard Creek-Crystal Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Palo Pinto	12060201	120602011002	08000001	Drainage Master Plan	55	Riverine Local	Palo Pinto County	Palo Pinto County	No	\$586,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	398	242	1,541	4	1	17.8	147	1,800		

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Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001188	Middle Rock Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000014	Palo Pinto, Parker	12060201	120602011103	08000001	Drainage Master Plan	22	Local	Parker County	Parker County	No	\$419,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	71	7	575	2	1	4.1	39	679			
081001189	Rice Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan, Hill	12060202	120602020702	08000002	Drainage Master Plan	29	Riverine	McLennan County	McLennan County	No	\$460,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	29	8	40	0	2	3.7	21	2,922			
081001190	Tehuacana Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Limestone, McLennan, Hill	12060202	120602020706, 120602020708, 120602020705	08000002, 08000007	Drainage Master Plan	121	Riverine Local	McLennan County	McLennan County	No	\$799,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	265	156	331	1	5	27.1	67	11,022			
081001191	Dry Creek-Aquilla Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan, Hill	12060202	120602020509	08000002	Drainage Master Plan	67	Riverine Local	McLennan County	McLennan County	No	\$636,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	47	18	58	0	0	2.8	19	5,729			
081001192	Eagle Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan	12060202	120602020605	08000002, 08000004	Drainage Master Plan	26	Riverine Local	McLennan County	McLennan County	No	\$443,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	228	158	328	0	2	1.0	9	1,998			
081001193	Manos Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	McLennan	12060202	120602020805	08000002, 08000005	Drainage Master Plan	57	Riverine Local	McLennan County	McLennan County	No	\$597,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	52	17	62	0	2	5.8	24	9,195			

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Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001194	Lower Hackberry Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Hill	12060202	120602020502	080000002	Drainage Master Plan	66	Riverine Local	Hill County	Hill County	No	\$630,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	57	29	292	0	3	7.9	52	3,637					
081001195	Cottonwood Creek-Aquilla Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Johnson, Hill	12060202	120602020503	080000002	Drainage Master Plan	64	Riverine Local	Hill County	Hill County	No	\$624,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	47	19	44	0	1	4.4	19	2,347					
081001196	Somervell-Paluxy River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Hood, Bosque, Somervell	12060202	120602020111	080000002, 080000004	Drainage Master Plan	57	Riverine Local	Somervell County	Somervell County	No	\$596,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	219	97	1,221	10	14	9.6	55	935					
081001197	Stanifer Branch-North Bosque River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Bosque	12060204	120602040309	080000002, 080000004	Drainage Master Plan	50	Riverine Local	Bosque County	Bosque County	No	\$569,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	110	50	184	2	0	6.5	36	4,235					
081001198	South Fork North Bosque River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Erath	12060204	120602040102	080000001, 080000004, 080000008	Drainage Master Plan	50	Riverine Local	Erath County	Erath County	No	\$567,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	42	21	56	0	6	5.7	33	2,471					
081001199	Indian Creek-North Bosque River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Erath	12060204	120602040103	080000002, 080000004	Drainage Master Plan	49	Riverine	Erath County	Erath County	No	\$563,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	210	121	354	0	7	6.3	56	2,377					

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Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001200	Green Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Erath	12060204	120602040106	08000004, 08000008	Drainage Master Plan	74	Riverine Local	Erath County	Erath County	No	\$659,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	98	56	101	0	5	9.9	47	3,561					
081001201	Bull Hide Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Falls, McLennan	12070101	120701010101	08000002, 08000003, 08000005	Drainage Master Plan	36	Riverine Local	McLennan County	McLennan County	No	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	15	9	14	0	3	2.8	21	1,857					
081001202	South Cow Bayou DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Falls, McLennan	12070101	120701010106	08000003, 08000005, 08000008, 08000011	Drainage Master Plan	48	Riverine Local	McLennan County	McLennan County	No	\$558,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	14	11	11	0	0	1.6	13	1,509					
081001203	North Cow Bayou DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Falls, McLennan	12070101	120701010105	08000003, 08000005	Drainage Master Plan	37	Riverine Local	McLennan County	McLennan County	No	\$507,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	37	22	35	0	1	2.7	20	1,433					
081001204	Big Sandy Creek-New Year Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Washington	12070101	120701010902	08000005, 08000013	Drainage Master Plan	33	Riverine Local	Washington County	Washington County	No	\$483,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	96	38	162	1	6	3.7	47	1,856					
081001205	Donahoe Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Waller, Washington	12070101	120701010908	08000005, 08000013	Drainage Master Plan	58	Riverine Local	Waller County	Waller County	No	\$600,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	41	5	22	0	0	11.3	9	12,819					

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Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001206	Lost Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Milam, Robertson	12070101	120701010606	08000005, 08000011	Drainage Master Plan	61	Riverine Local	Robertson County	Robertson County	No	\$611,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	280	172	814	2	0	27.6	49	16,807			
081001207	Bryan-Thompsons Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Brazos	12070101	120701010702	08000005, 08000007	Drainage Master Plan	53	Riverine Local	City of Bryan	City of Bryan	No	\$581,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	264	172	584	0	15	8.6	56	1,520			
081001208	Rocky Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Waller, Washington, Grimes	12070101	120701010804	08000005, 08000007, 08000013	Drainage Master Plan	61	Riverine Local	Grimes County	Grimes County	No	\$611,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	67	8	75	0	0	4.2	8	11,477			
081001209	Second Davidson Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Burleson	12070102	120701020403	08000006	Drainage Master Plan	41	Riverine Local	Burleson County	Burleson County	No	\$527,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	48	36	84	0	0	3.5	31	1,036			
081001210	Holland Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Grimes	12070103	120701030802	08000005, 08000007	Drainage Master Plan	42	Riverine Local	Grimes County	Grimes County	No	\$533,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	7	2	9	0	5	2.8	11	2,564			
081001211	Bee Creek-Carters Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Brazos	12070103	120701030702	08000005, 08000007	Drainage Master Plan	43	Riverine Local	Brazos County	Brazos County	No	\$535,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16.1	148	591			

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Potential Flood Management Evaluations

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001212	Upper Resley Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Comanche, Erath	12070201	120702010601	08000004, 08000008	Drainage Master Plan	49	Riverine Local	Erath County	Erath County	No	\$565,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	53	26	52	0	9	6.6	56	2,247			
081001213	Hamilton-Pecan Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Hamilton	12070201	120702010703	08000008, 08000009	Drainage Master Plan	30	Riverine Local	Hamilton County	Hamilton County	No	\$465,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	104	39	410	1	9	4.8	55	761			
081001214	Pepper Creek-Leon River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Bell	12070201	120702011105	08000008, 08000011	Drainage Master Plan	47	Riverine Local	Bell County	Bell County	No	\$553,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	234	132	703	1	4	4.3	51	889			
081001215	Cottonwood Creek-Leon River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Coryell	12070201	120702010905	08000008, 08000009	Drainage Master Plan	64	Riverine Local	Coryell County	Coryell County	No	\$623,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	101	54	226	0	4	5.7	39	2,819			
081001216	Little Elm Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Bell	12070204	120702040202	08000008, 08000011	Drainage Master Plan	35	Riverine Local	Bell County	Bell County	No	\$498,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	171	85	1,015	1	7	7.5	63	1,732			
081001217	Camp Creek-Big Elm Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Milam, Bell, Falls	12070204	120702040205	08000005, 08000011	Drainage Master Plan	59	Riverine Local	Bell County	Bell County	No	\$603,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	48	5	39	0	4	8.0	29	6,617			

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Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001218	Upper Donahoe Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson, Bell	12070204	120702040106	08000010, 08000011, 08000012	Drainage Master Plan	45	Riverine Local	Williamson County	Williamson County	No	\$547,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	14	7	10	0	9	3.5	15	2,171					
081001219	Mileham Branch-San Gabriel River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050502	08000012	Drainage Master Plan	39	Riverine Local	Williamson County	Williamson County	No	\$516,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	401	314	610	0	8	14.6	67	3,411					
081001220	Opossum Creek-Willis Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050503	08000010, 08000011, 08000012	Drainage Master Plan	56	Riverine Local	Williamson County	Williamson County	No	\$591,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	197	141	151	0	10	10.3	43	4,793					
081001221	Pecan Branch-San Gabriel River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050504	08000012	Drainage Master Plan	30	Riverine Local	Williamson County	Williamson County	No	\$466,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	174	115	196	0	3	6.8	21	5,640					
081001222	Granger Lake DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050505	08000011, 08000012	Drainage Master Plan	54	Riverine Local	Williamson County	Williamson County	No	\$583,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	118	84	152	1	5	7.8	27	4,460					
081001223	Upper Brushy Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Travis, Williamson	12070205	120702050402, 120702050403, 120702050401, 120702050404	08000012	Drainage Master Plan	185	Riverine Local	Williamson County	Williamson County	No	\$946,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	993	792	2,875	3	47	29.1	203	3,184					

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General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001224	Smith Branch-San Gabriel River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050501	08000012	Drainage Master Plan	22	Riverine Local	Williamson County	Williamson County	No	\$413,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	193	152	490	0	3	9.1	55	637					
081001225	Lower Berry Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Williamson	12070205	120702050303	08000010, 08000012	Drainage Master Plan	49	Riverine Local	Williamson County	Williamson County	No	\$565,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	68	64	166	0	5	5.3	24	865					
081001226	Lower Allens Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Austin	12070104	120701040306	08000013	Drainage Master Plan	34	Riverine Local	Austin County	Austin County	No	\$491,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	106	65	136	0	0	7.2	10	5,670					
081001227	Upper Allens Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Austin	12070104	120701040305	08000013	Drainage Master Plan	34	Riverine Local	Austin County	Austin County	No	\$489,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	382	256	725	2	0	13.0	32	2,250					
081001228	Ponds Creek-Clear Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000014	Waller	12070104	120701040104	08000005, 08000013	Drainage Master Plan	47	Riverine Local	Waller County	Waller County	No	\$554,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	66	50	68	0	1	3.9	26	438					
081001229	Threemile Creek-Clear Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Waller	12070104	120701040105	08000013	Drainage Master Plan	29	Riverine Local	Waller County	Waller County	No	\$459,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	227	71	146	0	2	6.9	43	2,523					

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001230	Hempstead-Blasingame Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Austin, Waller	12070104	120701040106	080000013	Drainage Master Plan	28	Riverine Local	Waller County	Waller County	No	\$456,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	68	44	50	0	1	2.5	30	3,423			
081001231	Ives Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Austin, Waller	12070104	120701040108	080000013	Drainage Master Plan	44	Riverine Local	Austin County	Austin County	No	\$540,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	255	88	86	0	0	12.4	21	9,796			
081001232	Sandy Creek-Mill Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Austin	12070104	120701040209	080000013	Drainage Master Plan	56	Riverine Local	Austin County	Austin County	No	\$593,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	149	90	519	1	3	9.4	56	4,376			
081001233	Deadman Creek-Mill Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000014	Austin, Waller	12070104	120701040210	080000013	Drainage Master Plan	53	Riverine	Austin County	Austin County	No	\$578,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	321	171	95	0	0	19.0	26	10,181			
081001234	Harris Creek-Irons Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Waller	12070104	120701040301	080000013	Drainage Master Plan	31	Riverine Local	Waller County	Waller County	No	\$473,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	126	58	72	0	0	9.3	23	7,417			
081001235	Mulberry Creek-Irons Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000014	Waller	12070104	120701040302	080000013	Drainage Master Plan	24	Riverine Local	Waller County	Waller County	No	\$430,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	213	100	72	0	1	6.5	16	5,976			

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Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001236	Bessies Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Waller	12070104	120701040303	08000013	Drainage Master Plan	53	Riverine Local	Waller County	Waller County	No	\$578,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	343	186	198	0	8	10.9	22	6,110			
081001237	Bullinger Creek-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000014	Austin, Waller	12070104	120701040304	08000013	Drainage Master Plan	28	Riverine	City of San Felipe	City of San Felipe	No	\$458,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	307	179	353	0	1	12.7	38	4,316			
081001238	Cannons Lake-Brazos River DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Austin, Waller	12070104	120701040307	08000013	Drainage Master Plan	23	Riverine Local	Austin County	Austin County	No	\$421,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	597	344	301	0	0	29.4	23	7,109			
081001239	Brookshire DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Waller	12070104	120701040308	08000013, 08000014	Drainage Master Plan	26	Riverine Local	Waller County	Waller County	No	\$442,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	423	216	683	0	1	9.5	40	2,128			
081001240	Dry Brushy Creek-Brushy Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Bastrop, Travis, Williamson	12070205	120702050407	08000006, 08000012	Drainage Master Plan	44	Riverine Local	Williamson County	Williamson County	No	\$538,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	41	33	29	0	3	5.7	24	5,162			
081001241	Lake Proctor	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Stephens, Brown, Comanche, Callahan, Eastland, Erath	12070201	120702050407	08000001, 08000004, 08000008	Regional Watershed Studies	1,021	Riverine	Comanche County	Comanche County	No	\$4,477,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	654	261	768	6	16	148.7	436	46,579			

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General Information																		Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)				
081001242	Middle Bosque River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Coryell, McLennan, Bosque	12060203	120602030104, 120602030103, 120602030105, 120602030101, 120602030102	08000003, 08000008	Regional Watershed Studies	198	Riverine	McLennan County	McLennan County	No	\$928,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	154	74	199	0	4	12.1	78	16,003						
081001243	Hog Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Coryell, McLennan, Hamilton, Bosque	12060203	120602030201, 120602030202	08000003, 08000004, 08000008	Regional Watershed Studies	90	Riverine	McLennan County	McLennan County	No	\$446,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	99	29	104	0	6	10.4	43	7,391						
081001244	North Bosque River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Coryell, McLennan, Hamilton, Bosque, Somervell, Erath	12060204	120602030201, 120602030202	08000001, 08000002, 08000003, 08000004, 08000008	Regional Watershed Studies	1,238	Riverine	Bosque County	Bosque County	No	\$5,405,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,426	686	1,790	7	45	146.7	538	69,770						
081001245	Aquilla Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Johnson, McLennan, Hill	12060202	120602020509, 120602020501, 120602020502, 120602020503, 120602020504, 120602020505, 120602020506, 120602020507, 120602020508	08000002	Regional Watershed Studies	409	Riverine Local	Hill County	Hill County	No	\$1,846,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	204	88	374	0	7	32.7	178	20,746						
081001246	Keechi Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Palo Pinto, Parker, Jack	12060201	120602010605, 120602010606, 120602010601, 120602010602, 120602010603, 120602010604, 120602010608, 120602010607	08000001	Regional Watershed Studies	265	Riverine	Jack County	Jack County	No	\$1,221,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	105	37	56	0	2	15.6	53	7,364						
081001247	Possum Kingdom Lake	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Stephens, Palo Pinto, Young, Archer, Jack	12060201	120602010605, 120602010606, 120602010601, 120602010602, 120602010603, 120602010604, 120602010608, 120602010607	08000001, 08000008	Regional Watershed Studies	923	Riverine	Young County	Young County	No	\$4,059,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,669	969	1,322	4	7	75.8	247	34,912						

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001248	Palo Pinto Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Stephens, Palo Pinto, Eastland, Erath	12060201	120602010803, 120602010801, 120602010802, 120602010807, 120602010804, 120602010805, 120602010806, 120602010808, 120602010809, 120602010905, 120602010902, 120602010901, 120602010903, 120602010904, 120602010906, 120602010907	08000001, 08000002, 08000004, 08000008	Regional Watershed Studies	635	Riverine	Palo Pinto County	Palo Pinto County	No	\$2,826,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,014	386	686	4	13	114.9	217	25,160			
081001249	Lake Granbury	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Hood, Stephens, Palo Pinto, Parker, Erath, Jack	12060201	120602010803, 120602010801, 120602010802, 120602010807, 120602010804, 120602010805, 120602010806, 120602010808, 120602010809, 120602010905, 120602010902, 120602010901, 120602010903, 120602010904, 120602010906, 120602010907	08000001, 08000002	Regional Watershed Studies	1,179	Riverine	Palo Pinto County	Palo Pinto County	No	\$5,152,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3,876	2,488	5,724	9	36	150.1	709	49,241			
081001250	Navasota River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Grimes, Brazos, Madison, Robertson, Leon, Limestone, Freestone, Hill	12070103	120602010803, 120602010801, 120602010802, 120602010807, 120602010804, 120602010805, 120602010806, 120602010808, 120602010809, 120602010905, 120602010902, 120602010901, 120602010903, 120602010904, 120602010906, 120602010907	08000002, 08000005, 08000007	Regional Watershed Studies	2,237	Riverine Local	Brazos County	Brazos County	No	\$9,620,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3,354	2,058	4,952	6	92	146.3	634	104,322			

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General Information																		Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)		
081001251	Mill Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Austin, Fayette, Washington	12070104	120701040201, 120701040202, 120701040203, 120701040204, 120701040205, 120701040206, 120701040207, 120701040208, 120701040209	08000005, 08000006, 08000013	Regional Watershed Studies	370	Riverine	Austin County	Austin County	No	\$1,677,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	317	177	861	2	13	54.2	223	24,202				
081001252	Lampasas River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Williamson, Burnet, Bell, Lampasas, Coryell, Mills, Hamilton	12070203	120701040201, 120701040202, 120701040203, 120701040204, 120701040205, 120701040206, 120701040207, 120701040208, 120701040209	08000008, 08000009, 08000010, 08000012	Regional Watershed Studies	1,307	Riverine Local	Lampasas County	Lampasas County	No	\$5,697,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,050	445	3,297	6	60	48.7	319	16,657				
081001253	Cowhouse Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Bell, Lampasas, Coryell, Mills, Hamilton, Comanche	12070202	120702020204, 120702020101, 120702020105, 120702020106, 120702020201, 120702020104, 120702020102, 120702020103, 120702020202, 120702020205, 120702020301, 120702020203, 120702020302, 120702020303, 120702020304, 120702020305, 120702020306, 120702020307	08000008, 08000009, 08000010	Regional Watershed Studies	724	Riverine Local	Coryell County	Coryell County	No	\$3,210,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	632	418	5,398	2	7	82.1	366	21,601				
081001254	Brushy Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Bastrop, Travis, Williamson, Milam	12070205	120702050402, 120702050403, 120702050401, 120702050404, 120702050405, 120702050406, 120702050407, 120702050409, 120702050410, 120702050408	08000006, 08000011, 08000012	Regional Watershed Studies	518	Riverine	Williamson County	Williamson County	No	\$2,319,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,451	1,115	3,372	4	81	77.7	362	42,040				

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001255	Lake Leon	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Callahan, Eastland	12070201	120702010103, 120702010102, 120702010104, 120702010101, 120702010108, 120702010105	08000008	Regional Watershed Studies	257	Riverine	Eastland County	Eastland County	No	\$1,186,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	658	333	1,013	6	0	50.3	179	4,532			
081001256	Leon River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Bell, Coryell, Mills, McLennan, Hamilton, Comanche, Erath	12070201	120702010103, 120702010102, 120702010104, 120702010101, 120702010108, 120702010105	08000003, 08000004, 08000005, 08000008, 08000009, 08000011	Regional Watershed Studies	1,553	Riverine Local	Coryell County	Coryell County	No	\$6,740,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,101	545	1,586	5	62	168.7	517	84,539			
081001257	Lake Whitney	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Hood, Johnson, Parker, Bosque, Hill, Somervell	12060201, 12060202	120602011301, 120602011302, 120602011303, 120602020403, 120602020404, 120602020406, 120602020405, 120602020407, 120602020408, 120602020302, 120602020303, 120602020304, 120602020402, 120602020305, 120602020306, 120602020401, 120602020301	08000001, 08000002, 08000004	Regional Watershed Studies	676	Riverine	Bosque County	Bosque County	No	\$3,004,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	799	462	932	1	12	83.8	234	22,846			
081001258	Paluxy River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Hood, Bosque, Somervell, Erath	12060202	120602020105, 120602020101, 120602020102, 120602020103, 120602020104, 120602020106, 120602020107, 120602020110, 120602020108, 120602020109, 120602020111	08000001, 08000002, 08000004	Regional Watershed Studies	508	Riverine	Erath County	Erath County	No	\$2,277,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	374	188	1,367	10	35	23.7	115	8,902			
081001259	Nolan River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Johnson, Hill	12060202	120602020205, 120602020201, 120602020202, 120602020203, 120602020204, 120602020206, 120602020207	08000001, 08000002	Regional Watershed Studies	319	Riverine Coastal Local	Johnson County	Johnson County	No	\$1,456,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,123	789	2,719	10	16	54.8	262	15,288			

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001260	Big Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Falls, Limestone, McLennan	12070101	120701010201, 120701010204, 120701010202, 120701010205, 120701010206, 120701010207, 120701010208, 120701010203	08000002, 08000005, 08000007	Regional Watershed Studies	311	Riverine	Falls County	Falls County	No	\$1,419,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	86	38	55	0	18	21.0	96	28,197			
081001261	Pond Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Milam, Bell, Falls	12070101	120701010403, 120701010401, 120701010402, 120701010405, 120701010404	08000005, 08000011	Regional Watershed Studies	228	Riverine	Falls County	Falls County	No	\$1,059,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	43	7	29	0	8	11.9	65	18,006			
081001262	Bull Hide Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Falls, McLennan	12070101	120701010101	08000002, 08000003, 08000005	Regional Watershed Studies	36	Riverine	McLennan County	McLennan County	No	\$202,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	15	9	14	0	3	2.8	21	1,857			
081001263	Cow Bayou	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Falls, McLennan	12070101	120701010106, 120701010107, 120701010105	08000003, 08000005, 08000008, 08000011	Regional Watershed Studies	115	Riverine	McLennan County	McLennan County	No	\$558,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	56	34	50	0	1	6.6	39	7,509			
081001264	Deer Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Bell, Falls, McLennan	12070101	120701010108, 120701010109, 120701010110	08000005, 08000011	Regional Watershed Studies	115	Riverine	Falls County	Falls County	No	\$557,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	8	4	8	0	12	6.5	40	5,501			
081001265	Middle Brazos DS Lake Whitney	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Falls, McLennan, Bosque, Hill	12060202, 12070101	120602020603, 120602020601, 120602020801, 120602020802, 120602020602, 120602020604, 120602020605, 120602020803, 120602020804, 120602020805, 120701010102, 120701010103, 120701010111, 120701010104	08000002, 08000003, 08000004, 08000005	Regional Watershed Studies	526	Riverine	McLennan County	McLennan County	No	\$2,357,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,670	1,653	18,044	15	17	107.7	495	52,348			

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001266	Lower Brazos-Little Brazos	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Waller, Washington, Burleson, Grimes, Brazos, Milam, Robertson, Falls, Limestone	12070101	120602020603, 120602020601, 120602020801, 120602020802, 120602020602, 120602020604, 120602020605, 120602020803, 120602020804, 120602020805, 120701010102, 120701010103, 120701010111, 120701010104	08000005, 08000006, 08000007, 08000011, 08000013	Regional Watershed Studies	1,771	Riverine Local	Robertson County	Robertson County	No	\$7,659,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,830	867	3,030	9	37	245.7	495	234,255			
081001267	San Gabriel River DS Granger Lake	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Williamson, Milam, Bell	12070205	120702050507, 120702050506, 120702050508	08000011, 08000012	Regional Watershed Studies	117	Riverine	Milam County	Milam County	No	\$567,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	115	72	112	0	9	15.5	45	15,123			
081001268	San Gabriel River US Granger Lake	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Travis, Williamson, Burnet	12070205	120702050502, 120702050503, 120702050504, 120702050505, 120702050302, 120702050202, 120702050106, 120702050201, 120702050501, 120702050203, 120702050105, 120702050301, 120702050303, 120702050103, 120702050104, 120702050101, 120702050102	08000010, 08000011, 08000012	Regional Watershed Studies	726	Riverine	Williamson County	Williamson County	No	\$3,219,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,192	1,692	4,248	1	83	108.5	393	31,497			
081001269	Salado Creek-Lampasas River (Little River)	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Williamson, Bell	12070203	120702030401, 120702030403, 120702030404, 120702030402, 120702030511	08000008, 08000010, 08000011, 08000012	Regional Watershed Studies	199	Riverine	Bell County	Bell County	No	\$929,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	461	291	655	2	26	22.6	103	5,268			

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001270	Nolan Creek-Leon River (Little River)	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Bell, Coryell	12070201	120702011101, 120702011104, 120702011103, 120702011102, 120702011105, 120702011106	08000008, 08000009, 08000010, 08000011	Regional Watershed Studies	177	Riverine	Bell County	Bell County	No	\$835,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,559	927	5,854	8	66	36.9	277	5,083			
081001271	Little River	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Williamson, Milam, Bell, Falls	12070204	120702040110, 120702040108, 120702040109, 120702040111, 120702040303, 120702040301, 120702040302, 120702040304, 120702040305, 120702040306, 120702040307, 120702040308, 120702040101, 120702040102, 120702040104, 120702040103, 120702040106, 120702040105, 120702040107	08000005, 08000006, 08000008, 08000010, 08000011, 08000012	Regional Watershed Studies	677	Riverine	Milam County	Milam County	No	\$3,006,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	352	120	520	1	32	49.9	184	69,618			
081001272	Big Elm Creek	Upgrade drainage channels within the city to reduce flooding to residential and commercial structures.	08000009	Milam, Bell, Falls, McLennan	12070204	120702040201, 120702040202, 120702040203, 120702040204, 120702040206, 120702040205, 120702040207	08000005, 08000008, 08000011	Regional Watershed Studies	322	Riverine Local	Bell County	Bell County	No	\$1,470,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	337	123	1,089	1	23	38.2	156	23,045			
081001273	Davidson-Yegua	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Washington, Burleson, Brazos, Milam	12070102	120701020406, 120701020501, 120701020309, 120701020401, 120701020405, 120701020402, 120701020403, 120701020404, 120701020502	08000005, 08000006, 08000011	Regional Watershed Studies	312	Riverine Local	Burleson County	Burleson County	No	\$1,426,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	273	150	437	5	3	25.5	130	19,146			

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001274	Yegua-Lake Somerville	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Fayette, Bastrop, Washington, Lee, Burleson, Williamson, Milam	12070102	120701020406, 120701020501, 120701020309, 120701020401, 120701020405, 120701020402, 120701020403, 120701020404, 120701020502	08000005, 08000006, 08000011, 08000012, 08000013	Regional Watershed Studies	1,004	Riverine	Lee County	Burleson County, City of Clay, City of Independence	No	\$4,407,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	579	278	447	1	49	80.3	233	31,804			
081001275	Brazos River Tributaries DS Hempstead	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Fort Bend, Austin, Waller, Washington	12070104	120701040306, 120701040305, 120701040101, 120701040102, 120701040103, 120701040104, 120701040105, 120701040106, 120701040107, 120701040108, 120701040210, 120701040301, 120701040302, 120701040303, 120701040304, 120701040307, 120701040308	08000005, 08000013, 08000014	Regional Watershed Studies	603	Riverine	Waller County	Waller County	No	\$2,688,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	4,658	2,740	3,800	3	17	199.6	425	88,010			
081001276	Carters Creek	Study to determine flood risk across the watershed.	08000014	Brazos	12070103	120701030704, 120701030702	08000005, 08000007	Regional Watershed Studies	58	Riverine	City of College Station	City of College Station	No	\$304,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	849	646	2,974	8	43	17.1	152	1,275			
081001277	Peach Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Brazos	12070103	120701030707	08000005, 08000007	Regional Watershed Studies	26	Local	City of College Station	City of College Station	No	\$158,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	37	24	59	0	0	1.3	5	702			
081001278	Hopes Creek	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Brazos	12070101	120701010705	08000005, 08000007	Regional Watershed Studies	10	Riverine	City of College Station	City of College Station	No	\$84,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	15	13	2	0	0	0.2	2	106			

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General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)			
081001279	Lick Creek-Lick Creek Watershed Study	~~Regional watershed study developed under Task 4A to improve understanding of flood risk in the region.~~ Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	12070103	120701030707	08000005, 08000007	Regional Watershed Studies	17	Riverine	City of College Station	City of College Station	No	\$117,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	56	50	117	0	2	2.2	20	278					
081001280	Angleton Levee	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040409, 120701040402, 120701040401, 120402050100, 120402050200	08000014	Study on Flood Preparedness	29	Riverine	West Brazoria County Drainage District	West Brazoria County Drainage District	No	\$307,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	3					
081001281	Fort Bend County LIDs Internal Flood Study	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000009	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040409, 120701040402, 120701040401, 120402050100, 120402050200	08000013, 08000014	Study on Flood Preparedness	59	Riverine Local	Fort Bend County	Fort Bend County	No	\$170,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	621	573	1,347	6	0	13.5	95	107					
081001282	Velasco Levee	Regional watershed study developed under Task 4A to improve understanding of flood risk in the region	08000014	Brazoria	12070104, 12040205	120701040505, 120402050400, 120402050500	08000013, 08000014	Study on Flood Preparedness	43	Riverine	Velasco Drainage District	Velasco Drainage District	No	\$232,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	582	444	0	2	0	16.5	61	40					
081001283	Fort Bend County Levee Vulnerability Study	Evaluate the critical impacts and vulnerability of Fort Bend County levees. Create a prioritization of potential projects and strategies to mitigate risk, and develop protocols for failure events.	08000014	Fort Bend	12070104, 12040205	120701040403, 120701040408, 120701040409, 120701040402, 120701040401, 120402050100, 120402050200	08000013, 08000014	Study on Flood Preparedness	59	Riverine	Fort Bend County	Fort Bend County	No	\$307,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	621	573	0	6	0	13.5	95	107					

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081001284	~~Waco Creek Diversion Tunnel~~ Webster-Mary Connector	~~Addition of a diversion culvert to reroute flow from Waco Creek to the Brazos River.~~ Additional improvements to existing diversion tunnels and crossings. Relief connector between Webster and Mary.	08000009	McLennan	12060202	120602020803	08000002	H&H Modeling	2.9	Riverine Local	City of Waco	City of Waco	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	76	27	1,723	1	0	20	0	1			
081001285	Oakwood Channel & Bridge Improvements	Widening of Primrose Creek to increase flow capacity, as well as removal and replacement of several crossings along the channel improvements.	08000009	McLennan	12060202	120602020803	08000002	H&H Modeling	4.3	Riverine Local	City of Waco	City of Waco	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	39	28	505	0	0	6	0	34			
081001286	Taylor / Elm Storm Infrastructure & Outfall	Extension of current storm infrastructure in the area to improve drainage. Potential levee along MLK Boulevard to direct flow and prohibit road overtopping.	08000014	McLennan	12060202	120602020803	08000197	Preliminary Engineering	2	Local	City of Waco	City of Waco	No	\$917,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	69	47	705	1	0	6.6	0	15			
081001287	Cross Creek Road Low Water Crossing Removal	Removal of the Cross Creek Road low water crossing and associated 18" culverts. Extension of Stone Creek Ridge Drive to maintain access to existing properties.	08000007	McLennan	12060203, 12070201	120602030104, 120602030105, 120602030301, 120602030302, 120702011002	08000008	H&H Modeling	24.5	Riverine	City of Waco	City of Waco	No	~~\$100,000~~ \$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	13	9	37	0	1	1	0	18			
081001298	Nolanville Drainage Master Plan	Atlas 14 H&H modeling and CIP development. Focus on developing BCAs and prioritization plan.	08000009	Bell	12070201	120702011102	08000008, 08000075, 08000500	Drainage Master Plan	4.3	Riverine	City of Nolanville	City of Nolanville	No	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	96	48	125	1	3	7	50	610			

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General Information																Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)
081001299	Cedar Park Drainage Master Plan	Atlas 14 H&H modeling and CIP development. Focus on developing BCAs and prioritization plan.	08000009	Williamson	12070205	120702050401, 120702050402	08000012, 08000090, 08000586, 08000596	Drainage Master Plan	25.5	Riverine Local	City of Cedar Park	City of Cedar Park	No	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	12	5	130	399		
081001300	City of Stephenville FEWS	Assessment of the most beneficial gauge placements and development of data interface.	08000016, 08000017, 08000018	Erath	12060204	120602040102, 120602040103, 120602040104	08000004, 08000039, 08000258, 08000259,	Study on Flood Preparedness	11.9	Riverine Local	City of Stephenville	City of Stephenville	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	151	92	324	0	9	5	85	4,305		
081001301	City of Waco FEWS	Assessment of the most beneficial gauge placements and development of data interface.	08000016, 08000017, 08000018	McLennan	12060202, 12060203, 12060204, 12070101	120602020605, 120602020706, 120602020708, 120602020801, 120602020802, 120602020803, 120602020804, 120602020805, 120602030105, 120602030202, 120602030302, 120602030303, 120602040406, 120602040407, 120701010101	08000002, 08000003, 08000004, 08000005, 08000028, 08000029, 08000030, 08000036, 08000037, 08000038, 08000042, 08000044, 08000183, 08000185, 08000187, 08000188, 08000192, 08000197, 08000198, 08000199, 08000241, 08000244, 08000248, 08000249, 08000260, 0800	Study on Flood Preparedness	100.7	Riverine Local	City of Waco	City of Waco	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,282	754	15,824	8	3	88	1,368	18,445		

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)			
081001302	City of Georgetown FEWS	Assessment of the most beneficial gauge placements and development of data interface.	08000016, 08000017, 08000018	Williamson	12070205	120702050105, 120702050106, 120702050203, 120702050302, 120702050303, 120702050401, 120702050403, 120702050404, 120702050501, 120702050502	08000012, 08000087, 08000088, 08000089, 08000090, 08000091, 08000587, 08000591, 08000592, 08000594, 08000596, 08000597, 08000603, 08000606, 08000607, 08000609	Study on Flood Preparedness	59.4	Riverine Local	City of Georgetown	City of Georgetown	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	173	122	1,521	0	6	19	294	7,804					
081001303	Brazos River Flood Protection Plan Update	Update to previously completed Brazos FPP to incorporate latest modeling and data and create comprehensive analysis for the Brazos River.	08000009	All	All	All	All	Watershed Planning	9914.4	Riverine Coastal Local	Brazoria County, Fort Bend County, Waller County	Brazoria County, Fort Bend County, Waller County	No	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	35,864	24,887	67,805	91	477	1,583	15,072	947,725	#####				
081001304	City of Clifton Master Drainage Plan	Update hydrologic modeling for the Bosque Creek watershed to utilize Atlas 14 rainfall and latest land use. Update hydraulic modeling to incorporate more detail and latest data. Identify existing flood risk and develop potential mitigation solutions.	08000014, 08000009	Bosque	12060204	120602040404	08000002, 08000004	Drainage Master Plan	41.5	Riverine	City of Clifton	City of Clifton	No	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	285	156	692	1	6	13	77	1,871					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001305	Glen Rose Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 12.9 miles of detailed hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	Hood, Bosque, Somervell	12060202	120602020110, 120602020111	08000001, 08000002, 08000004	Drainage Master Plan	131.7	Riverine	City of Glen Rose	City of Glen Rose	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	316	147	1,337	10	18	14	74	123			
081001306	City of Hewitt Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 8.44 miles of detailed study hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	Falls, McLennan	12060202, 12070101	120602020802, 120602020804, 120701010101	08000002, 08000003, 08000005	Drainage Master Plan	82.3	Riverine	City of Hewitt	City of Hewitt; McLennan County	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	376	255	1,967	5	5	13	82	2,022			
081001307	City of Robinson Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 51.9 miles of detailed study hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	Falls, McLennan	12060202, 12070101	120602020802, 120602020803, 120602020804, 120602020805, 120701010101	08000002, 08000003, 08000005	Drainage Master Plan	189.6	Riverine	City of Robinson	City of Robinson; McLennan County	No	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,972	1,245	17,784	16	10	81	383	9,960			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001308	City of West Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 1.42 miles of detailed study hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	McLennan, Hill	12060202	120602020702, 120602020704, 120602020507	08000002	Drainage Master Plan	100.4	Riverine	City of West	City of West	No	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	51	16	59	0	3	9	53	4,013			
081001309	Barron's Branch Creek Improvements	Assessment and design of Barron's Branch creek upstream of proposed downtown Waco master development. Design will propose solutions to address flooding and erosion, as well as propose green infrastructure options for this urban creek.	08000009	McLennan	12060202	120602020803	08000002, 08000003	Feasibility Assessment	50.1	Riverine	City of Waco	City of Waco	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,546	974	15,805	11	3	62	290	1,858			
081001310	City of Lacy Lakeview Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	McLennan	12060202	120602020706, 120602020801, 120602020803	08000002, 08000003, 08000004	Drainage Master Plan	145.6	Riverine	City of Lacy-Lakeview	City of Lacy-Lakeview	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,964	1,207	16,154	12	9	81	357	5,667			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001311	City of Hillsboro Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Hill	12060202	120602020502	08000002	Drainage Master Plan	65.7	Riverine	City of Hillsboro	City of Hillsboro	No	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	57	29	292	0	3	8	52	1,232			
081001312	City of Gholson Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	McLennan, Bosque, Hill	12060202	120602020509, 120602020604, 120602020605	08000002, 08000004	Drainage Master Plan	155.4	Riverine	City of Gholson	City of Gholson	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	370	241	473	0	2	6	38	4,038			
081001313	City of Marlin Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Falls	12070101	120701010111, 120701010208	08000005	Drainage Master Plan	98.8	Riverine	City of Marlin	City of Marlin	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	43	10	53	0	1	13	43	14,073			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001314	City of Mart Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Falls, Limestone, McLennan	12070101	120701010201	08000002, 08000005	Drainage Master Plan	48.6	Riverine	City of Mart	City of Mart	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	42	25	40	0	6	3	31	1,183			
081001315	Village of Salado Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Bell	12070203	120702030403, 120702030404	08000010, 08000011	Drainage Master Plan	72.9	Riverine	City of Salado	City of Salado	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	315	200	507	1	17	8	62	476			
081001316	Morgan's Point Resort Master Drainage Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Bell, Coryell	12070201	120702011004, 120702011005	08000008, 08000009, 08000011	Drainage Master Plan	87.0	Riverine	City of Morgan's Point Resort	City of Morgan's Point Resort	No	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	36	8	23	0	3	14	26	408			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001317	City of Troy Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Bell, McLennan	12070204	120702040201	08000005, 08000008, 08000011	Drainage Master Plan	51.1	Riverine	City of Troy	City of Troy	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	58	26	66	0	4	5	26	650			
081001318	College Station Master Drainage Plan	Master drainage plan for the entire City including hydrologic and hydraulic modeling, pluvial and fluvial flood risk assessment, flood risk mapping, and flood mitigation project development.	08000014, 08000009	Burleson, Grimes, Brazos	12070101, 12070103	120701010703, 120701010705, 120701030704, 120701030702, 120701030707	08000005, 08000006, 08000007	Drainage Master Plan	253.3	Riverine	City of College Station	City of College Station	No	\$820,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,104	792	3,345	4	45	48	206	20,877			
081001319	McGregor Executive Airport Master Draiange Plan	Create a Master Drainage Plan for the airport property. This will provide options to the City of McGregor and the City of Waco for decreasing airport property runoff to reduce flooding in adjacent Waco neighborhoods.	08000009	Coryell, McLennan	12060203	120602030105, 120602030302	08000002, 08000003, 08000005, 08000008	Drainage Master Plan	85.9	Riverine	City of Waco	City of Waco	No	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	187	106	360	1	4	15	74	2,419			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001320	East Brazos County Master Drainage Plan	Master drainage plan (including hydrologic and hydraulic modeling, flood risk assessment, and flood mitigation project development) for several watersheds throughout the eastern portion of Brazos County including areas of known high flood risk.	08000014, 08000009	Grimes, Brazos, Madison, Robertson	12070103	120701030804, 120701030803, 120701030603, 120701030506, 120701030510, 120701030508, 120701030601, 120701030602, 120701030604, 120701030704, 120701030707	08000005, 08000007	Drainage Master Plan	515.5	Riverine	Brazos County	Brazos County	No	\$1,430,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	616	450	1,236	2	10	44	153	9,112					
081001321	City of Bryan Stormwater Master Plan Update	Update the existing master drainage plan to use the latest data (including atlas 14 rainfall) and re-assess flood risk and flood mitigation projects.	08000014, 08000009	Burleson, Brazos, Robertson	12070101, 12070103	120701010613, 120701010701, 120701010702, 120701010703, 120701030702	08000005, 08000006, 08000007	Drainage Master Plan	263.7	Riverine	City of Bryan	City of Bryan	No	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,343	928	3,818	4	58	66	249	25,877					
081001322	City of Snook Master Drainage Plan	Perform a master drainage plan for the City of Snook including, but not limited to, developing hydrologic and hydraulic modeling, identifying areas of high flood risk, developing conceptual alternatives, and ranking the identified projects.	08000014, 08000009	Burleson, Brazos	12070101	120701010703, 120701010704, 120701010705	08000005, 08000006, 08000007	Drainage Master Plan	149.9	Riverine	City of Snook	Burleson County, City of Snook	No	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	168	65	262	0	0	27	41	21,822					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001323	North Front Crossing Culvert Improvements at Town Branch	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for larger culverts to replace existing pipe culverts at the North Front Street crossing of Town Branch.	08000007	Williamson, Bell	12070204	120702040105	08000010, 08000011	Preliminary Engineering	26.3	Riverine	City of Bartlett	City of Bartlett	No	\$15,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	2	30	0	1	1	12	317			
081001324	TX 95 Crossing Channel Improvements at Town Branch	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for channel grading and rehabilitation of Town Branch downstream of the TX 95 crossing.	08000007	Williamson, Bell	12070204	120702040105	08000010, 08000011	Preliminary Engineering	26.3	Riverine	City of Bartlett	City of Bartlett	No	\$30,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	2	30	0	1	1	12	317			
081001325	West Clark Street and West Front Street Storm Sewer Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for a network of inlets & pipes along West Clark Street & West Front Street.	08000007	Williamson, Bell	12070204	120702040106	08000010, 08000011, 08000012	Preliminary Engineering	45.4	Riverine	City of Bartlett	City of Bartlett	No	\$15,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	14	7	10	0	9	4	15	873			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001326	West Bartlett Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for increasing the capacity of culverts and ditches west of the railroad.	08000007	Williamson, Bell	12070204	120702040106, 120702040105	08000010, 08000011, 08000012	Preliminary Engineering	71.7	Riverine	City of Bartlett	City of Bartlett	No	\$35,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	9	40	0	10	5	26	1,190			
081001327	East Bartlett Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for increasing the capacity of culverts and ditches east of the railroad.	08000007	Williamson, Bell	12070204	120702040106, 120702040105	08000010, 08000011, 08000012	Preliminary Engineering	71.7	Riverine	City of Bartlett	City of Bartlett	No	\$40,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	9	40	0	10	5	26	1,190			
081001328	Bell Street and Front Street Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for increasing the capacity culverts and ditches near Bell Street and Front Street .	08000007	Williamson, Bell	12070204	120702040106, 120702040105	08000010, 08000011, 08000012	Preliminary Engineering	71.7	Riverine	City of Bartlett	City of Bartlett	No	\$75,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	9	40	0	10	5	26	1,190			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001329	City of Marlin Preliminary Design for Service Spillway Replacements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for City of Marlin Old and New City Lake Dam spillway replacement.	08000009	Falls	12070101	120701010207	08000005	Preliminary Engineering	38.4	Riverine	City of Marlin	City of Marlin	No	\$560,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	15	3	3	0	1	2	15	475			
081001330	City of Mart Dam Rehabilitation Study	Detailed Description: Design up to 30% of dam rehabilitation.	08000009	Limestone, McLennan	12060202	120602020707	08000002, 08000005, 08000007	Preliminary Engineering	39.0	Riverine	City of Mart	City of Mart	No	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	46	28	55	0	4	4	23	281			
081001331	City of Bellmead Drainage Study	Coordination and evaluation of flood modeling in the City of Bellmead city limits. Determining and analyzing the movement of water through the City of Bellmead and impacted areas recognized in FEMA Flood Plain maps.	08000014	McLennan	12060202	120602020706, 120602020803	08000002, 08000003	Regional Watershed Studies	92.1	Riverine	City of Bellmead	City of Bellmead	No	\$575,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,676	1,052	16,042	12	6	74	327	3,601			
081001332	Brushy Creek Crossing Roadway Improvement at North FM 908	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for bridge and roadway profile adjustments at the North Farm to Market Road 908 crossing of Brushy Creek.	08000007	Milam	12070205	120702050410	08000006, 08000011, 08000012	Preliminary Engineering	55.5	Riverine	Milam County	Milam County	No	\$480,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30	11	22	0	0	12	32	2,190			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001333	Brushy Creek Crossing Channel Improvement at South FM 486	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for approximately 100 linear feet of channel grading and rehabilitation at the South Farm to Market Road 486 crossing of Brushy Creek.	08000007	Williamson, Milam	12070205	120702050408	08000006, 08000012	Preliminary Engineering	55.7	Riverine	Milam County	Milam County	No	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	41	21	27	1	8	10	36	4,285			
081001334	Davidson Creek Crossing Roadway Improvement at County Road 327	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for bridge and roadway profile adjustments at the County Road 327 crossing of Davidson Creek.	08000007	Burleson, Milam	12070102	120701020401	08000005, 08000006, 08000011	Preliminary Engineering	35.2	Riverine	Milam County	Milam County	No	\$115,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	6	2	8	0	0	2	7	80			
081001335	Cedar Creek Crossing Improvement at County Road 330	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for a 50-foot bridge to replace a pipe culvert at the County Road 330 crossing of Cedar Creek.	08000007	Burleson, Milam	12070101	120701010612, 120701010611	08000005, 08000006, 08000011	Preliminary Engineering	99.4	Riverine	Milam County	Milam County	No	\$65,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	13	6	5	0	0	4	14	388			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information									Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)		
081001336	Alum Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Grimes, Brazos	12070103	120701030707	08000005, 08000007	Regional Watershed Studies	65.7	Riverine	City of College Station	City of College Station	No	\$70,000	Local, TWDB FIF, TWDB CWSRF	106	85	177	0	2	5	28	206				
081001337	Bee Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	12070103	120701030702	08000005, 08000007	Regional Watershed Studies	43.0	Riverine	City of College Station	City of College Station	No	\$80,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16	148	50				
081001338	Burton Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	12070103	120701030702	08000005, 08000007	Regional Watershed Studies	43.0	Riverine	City of College Station	City of College Station	No	\$70,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16	148	50				
081001339	Spring Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Grimes, Brazos	12070103	120701030707	08000005, 08000007	Regional Watershed Studies	65.7	Riverine	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF	106	85	177	0	2	5	28	206				
081001340	Turkey Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Burleson, Brazos	12070101	120701010703	08000005, 08000006, 08000007	Regional Watershed Studies	58.7	Riverine	City of College Station	City of College Station	No	\$70,000	Local, TWDB FIF, TWDB CWSRF	60	24	182	0	0	10	21	7,288				

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information										Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)			
081001341	White Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Burleson, Brazos	12070101	120701010705	08000005, 08000007	Regional Watershed Studies	61.2	Riverine	City of College Station	City of College Station	No	\$85,000	Local, TWDB FIF, TWDB CWSRF	84	32	60	0	0	13	13	13,284					
081001342	Wolf Pen Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	12070103	120701030702	08000005, 08000007	Regional Watershed Studies	43.0	Riverine	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16	148	50					
081001343	Harvey Hillside Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	12070103	120701030702	08000005, 08000007	Regional Watershed Studies	43.0	Riverine	City of College Station	City of College Station	No	\$50,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16	148	50					
081001344	Carters Creek Geomorphology Study	Perform a geomorphology study of Carters Creek to determine migration, erosion, and sedimentation patterns and develop potential mitigation projects to reduce the effects.	08000014	Grimes, Brazos	12070103	120701030704, 120701030702	08000005, 08000007	Regional Watershed Studies	67.7	Riverine	City of College Station	City of College Station	No	\$340,000	Local, TWDB FIF, TWDB CWSRF	854	651	2,974	4	43	19	152	99					

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001345	Wolf Pen Creek Geomorphology Study	Perform a geomorphology study of Wolf Pen Creek to determine migration, erosion, and sedimentation patterns and develop potential mitigation projects to reduce the effects, focusing on known issues.	08000014	Brazos	12070103	120701030702	08000005, 08000007	Regional Watershed Studies	43.0	Riverine	City of College Station	City of College Station	No	\$75,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16	148	50			
081001346	Project Development for Wolf Pen Creek Watershed	Update the conceptual flood mitigation projects and supporting modeling within the Wolf Pen Creek watershed (including projects for Miliff Rd Crossing, University Oaks Crossing, and Harvey Road Crossing), to account for the latest available data.	08000009	Brazos	12070103	120701030702	08000005, 08000007	H&H Modeling	43.0	Riverine	City of College Station	City of College Station	No	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16	148	50			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001347	Project Development for Bee Creek Watershed	Update the conceptual flood mitigation projects and supporting modeling within the Bee Creek watershed (including projects for SW Pkwy Crossings, Holleman Crossing, and various channel improvements), to account for the latest available data.	08000009	Brazos	12070103	120701030702	08000005, 08000007	H&H Modeling	43.0	Riverine	City of College Station	City of College Station	No	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16	148	50			
081001348	Project Development for Bee Creek Trib A Watershed	Update the conceptual flood mitigation projects and supporting modeling for the stream crossings and channel improvements at Southwest Parkway from upstream of Welsh Ave to Highway 6 to account for latest available data.	08000009	Brazos	12070103	120701030702	08000005, 08000007	H&H Modeling	43.0	Riverine	City of College Station	City of College Station	No	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16	148	50			
081001349	Still Creek Detention Pond Study	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for a detention pond in the Still Creek watershed.	08000009	Brazos	12070101	120701010702	08000005, 08000007	Preliminary Engineering	53.3	Riverine	City of Bryan	City of Bryan	No	\$270,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	264	172	584	0	15	9	56	108			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001350	Burton Creek Channel Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for Burton Creek Channel Improvements.	08000009	Brazos	12070103	120701030702	08000005, 08000007	Preliminary Engineering	43.0	Riverine	City of Bryan	City of Bryan	No	\$265,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16	148	50			
081001351	Old River Drainage Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, prepare flood risk maps for the Old River watershed, and develop flood risk mitigation projects with a focus on crossings and regions with known flooding.	08000014, 08000009	Burleson, Brazos	12070101	120701010703, 120701010704, 120701010705	08000005, 08000006, 08000007	Regional Watershed Studies	149.9	Riverine	Burleson County	Burleson County, City of Snook	No	\$550,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	168	65	262	0	0	27	41	21,822			
081001352	Cluck Creek Channel Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for channel improvement to Cluck Creek to reduce flood risk in flood prone areas of Cedar Park.	08000009	Travis, Williamson	12070205	120702050401	08000012	Preliminary Engineering	61.2	Riverine	City of Cedar Park	City of Cedar Park	No	\$155,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	388	325	1,064	0	20	8	80	34			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (Yr)	Existing or Anticipated Maps (Yr)	
081001353	Blockhouse Creek Channel Improvements Phase II	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for channel improvements to Blockhouse Creek to reduce flood risk in flood prone areas of Cedar Park.	08000009	Travis, Williamson	12070205	120702050401	08000012	Preliminary Engineering	61.2	Riverine	City of Cedar Park	City of Cedar Park	No	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	388	325	1,064	0	20	8	80	34			
081001354	City of Killeen Low Water Crossing Flood Mitigation Phases 1 to 3	Study, including hydraulic and hydrologic analysis, of low water crossings within the City. Focus on project development (including up to 30% design) at previously prioritized high risk locations.	08000007	Bell, Coryell	12070201, 12070202, 12070203	120702011101, 120702020303, 120702030507, 120702030509, 120702030510	08000008, 08000009, 08000010	Feasibility Assessment	214.5	Riverine	City of Killeen	City of Killeen	No	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,046	667	3,331	2	58	33	247	796			
081001355	Long Branch Environmental Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for improvements along Long Branch including a wet pond and stream bank improvements.	08000009	Bell, Coryell	12070201	120702011101	08000008, 08000009, 08000010	Preliminary Engineering	45.0	Riverine	City of Killeen	City of Killeen	No	\$80,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	865	593	2,708	2	49	14	140	19			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001356	City of Round Rock Regional Detention Feasibility Study	Study to identify locations for detention in the Brushy Creek Basin. The study will account for increases in rainfall shown in Atlas 14 data to help mitigate flood risk for neighborhoods and critical infrastructure in the city.	08000014, 08000009	Travis, Williamson	12070205	120702050402, 120702050403, 120702050404	08000012	Feasibility Assessment	124.0	Riverine	City of Round Rock	City of Round Rock	No	\$810,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	606	468	2,372	3	27	21	126	1,082			
081001357	County Road 462 Crossing at Deer Creek Improvement	Design up to 30% of a 90' bridge to replace pipe culverts at the County Road 462 crossing of Deer Creek.	08000007	Bell, Falls, McLennan	12070101	120701010108	08000005, 08000011	Preliminary Engineering	47.1	Riverine	Falls County	Falls County	No	\$95,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	6	4	5	0	4	2	18	367			
081001358	State Highway 7 Roadway Improvement at Little Brazos River Crossing	Perform up to 30% design for roadway profile adjustments, and west bridge improvements or replacement at State Highway 7 and Little Brazos River Crossing.	08000007	Falls, Limestone	12070101	120701010303	08000005, 08000007	Preliminary Engineering	41.8	Riverine	Falls County	Falls County	No	\$105,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	5	2	3	0	2	4	16	318			
081001359	Brazos County Flood Risk Assessment	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for creeks throughout Brazos County that are currently listed as Zone A on the FEMA floodplain maps.	08000014	Washington, Burleson, Grimes, Brazos, Madison, Robertson	12070101, 12070103	120701010801, 120701010613, 120701010701, 120701010702, 120701010703, 120701010705, 120701010706, 120701030804, 120701030603, 120701030506, 120701030510, 120701030508, 120701030601, 120701030602, 120701030604, 120701030704, 120701030702, 120701030707	08000005, 08000006, 08000007	Regional Watershed Studies	902.1	Riverine	Brazos County	Brazos County	No	\$1,700,000	Local, TWDB FIF, TWDB CWSRF	2,093	1,431	4,805	6	68	144	418	61,956			

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Potential Flood Management Evaluations

General Information																			Flood Risk Information							Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)		
081001360	Big Creek Grade Control Study	Leverage preliminary study completed by the USACE to develop projects to mitigate erosion in identified problem areas along Big Creek.	08000014	Brazoria, Fort Bend	12070104	120701040409	08000013, 08000014	Feasibility Assessment	56.6	Riverine	Fort Bend County Drainage District	Fort Bend County, Fort Bend County Drainage District	No	\$370,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	353	178	333	2	0	24	23	703				
081001361	Bessie's Creek Grade Control Study	Leverage preliminary study completed by the USACE to develop projects to mitigate erosion in identified problem areas along Bessie's Creek.	08000014	Fort Bend, Austin	12070104	120701040309	08000013, 08000014	Feasibility Assessment	36.7	Riverine	Fort Bend County Drainage District	Fort Bend County, Fort Bend County Drainage District	No	\$230,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	413	288	568	0	1	13	36	1,043				
081001362	Stafford Run Improvements Study Update	Update to Stafford Run Creek Study to ensure it meets guidelines for FMP qualification.	08000009	Brazoria, Galveston, Fort Bend	12040205	120402050200	08000013, 08000014	H&H Modeling	419.0	Riverine Coastal	Fort Bend County Drainage District	Fort Bend County, Fort Bend County Drainage District, City of Stafford	No	\$315,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3,556	2,682	10,987	11	0	114	378	10,937				
081001363	Brazos River Study Update (Fort Bend County)	Update the latest Brazos River 1D/2D models to reflect the latest data including terrain, utilize the latest modeling methodologies including full 2D analysis, and perform alternative analysis to develop flood mitigation projects and strategies.	08000014	Brazoria, Galveston, Fort Bend, Austin, Waller, Washington	12070101, 12070104, 12040205	120701010908, 120701040404, 120701040405, 120701040403, 120701040502, 120701040408, 120701040409, 120701040407, 120701040501, 120701040306, 120701040503, 120701040505, 120701040305, 120701040402, 120701040401, 120701040102, 120701040103, 120701040105, 120701040106	08000005, 08000013, 08000014	Regional Watershed Studies	1850.8	Riverine Coastal	Fort Bend County Drainage District	Fort Bend County, Fort Bend County Drainage District	No	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30,020	22,991	53,443	54	22	916	2,170	82,213				

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General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001364	Williamson Countywide Enhancements to Atlas 14 Modeling and Mapping	Enhancements to existing Williamson County modeling potentially including updates with new terrain, updates to land conditions (existing and future), rainfall changes, modeling software updates, and other enhancements as identified.	08000014	Bastrop, Lee, Travis, Williamson, Burnet, Milam, Bell, Lampasas, Coryell, Mills, Hamilton	12070102, 12070203, 12070204, 12070205	120701020101, 120701020104, 120702030101, 120702030105, 120702030401, 120702030106, 120702030403, 120702030508, 120702030203, 120702030301, 120702030404, 120702030501, 120702030102, 120702030104, 120702030103, 120702030201, 120702030202, 120702030305, 120702030302	08000006, 08000008, 08000009, 08000010, 08000011, 08000012	Regional Watershed Studies	2841.5	Riverine	Williamson County	Williamson County	No	\$10,300,000	Local, TWDB FIF, TWDB CWSRF	5,215	3,581	10,275	12	272	253	1,124	38,997			
081001365	Countywide Road Washout Study	Hydrologic and hydraulic analysis and preliminary engineering for several commonly washed-out road segments to identify solutions.	08000007	Harris, Waller, Washington, Montgomery, Grimes, Brazos, Walker, Madison	12070101, 12070103	120701010802, 120701010803, 120701010804, 120701030701, 120701030804, 120701030801, 120701030802, 120701030803, 120701030510, 120701030601, 120701030604, 120701030704, 120701030703, 120701030705, 120701030706, 120701030707	08000005, 08000007, 08000013	Feasibility Assessment	1494.0	Riverine	Grimes County	Grimes County	No	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	914	572	1,688	5	15	59	195	14,271			
081001366	Grimes County Road 162 Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for CR 162 to identify mitigation project to prevent washout.	08000007	Grimes, Brazos	12070103	120701030604	08000007	Feasibility Assessment	59.0	Riverine	Grimes County	Grimes County	No	\$195,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	33	20	16	0	0	3	11	189			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001367	Evaluation of Culvert Enlargement and Bridge Elevation in Grimes County	Countywide study to identify flood prone areas and mitigate flood damage through culvert and bridge crossing improvements.	08000007	Harris, Waller, Washington, Montgomery, Grimes, Brazos, Walker, Madison	12070101, 12070103	120701010802, 120701010803, 120701010804, 120701030701, 120701030804, 120701030801, 120701030802, 120701030803, 120701030510, 120701030601, 120701030604, 120701030704, 120701030703, 120701030705, 120701030706, 120701030707	08000005, 08000007, 08000013	Feasibility Assessment	1494.0	Riverine	Grimes County	Grimes County	No	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	914	572	1,688	5	15	59	195	14,271			
081001368	Grimes County Flood Map Updates	Hydrologic and hydraulic modeling of Zone A areas, especially where there is expected development, to evaluate existing flood risk and develop flood risk maps.	08000014	Harris, Waller, Washington, Montgomery, Grimes, Brazos, Walker, Madison	12070101, 12070103	120701010802, 120701010803, 120701010804, 120701030701, 120701030804, 120701030801, 120701030802, 120701030803, 120701030510, 120701030601, 120701030604, 120701030704, 120701030703, 120701030705, 120701030706, 120701030707	08000005, 08000007, 08000013	Regional Watershed Studies	1494.0	Riverine	Grimes County	Grimes County	No	\$1,500,000	Local, TWDB FIF, TWDB CWSRF	914	572	1,688	5	15	59	195	14,271			
081001369	Holland Creek Crossing Improvement Study	Study crossings within the Holland Creek watershed (including crossing CR 404, CR 403, CR 447, CR 405, CR 227, CR 189, and CR 40) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos	12070103	120701030801, 120701030802, 120701030803	08000005, 08000007	Feasibility Assessment	120.4	Riverine	Grimes County	Grimes County	No	\$595,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	37	17	34	0	5	5	19	479			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																			Flood Risk Information							Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)		
081001370	Rocky Creek Crossing Improvement Study	Study crossings within the Rocky Creek watershed (including crossing CR 185, CRF 224, CR 188 CR 223, and CR 180) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes	12070103	120701030801	08000007	Feasibility Assessment	46.1	Riverine	Grimes County	Grimes County	No	\$515,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	12	5	12	0	0	2	7	138				
081001371	Gibbons Creek Crossing Improvement Study	Study crossings within the Gibbons Creek watershed (including crossing CR 190, CR 192, CR 171, and CR 166) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes	12070103	120701030701, 120701030705, 120701030706	08000007	Feasibility Assessment	117.7	Riverine	Grimes County	Grimes County	No	\$515,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	43	30	23	0	2	5	17	139				
081001372	Panther Creek Crossing Improvement Study	Study crossings within the Panther Creek watershed (including crossing CR 175, CR 173, Roese Rd, Rodemel Ranch Rd, and S Fork Ln) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes	12070103	120701030703	08000007	Feasibility Assessment	15.6	Riverine	Grimes County	Grimes County	No	\$310,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	7	3	4	0	0	1	6	37				
081001373	Ragan Creek Crossing Improvement Study	Study crossings within the Ragan Creek watershed (including crossing CR 103) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos, Madison	12070103	120701030601	08000007	Feasibility Assessment	57.4	Riverine	Grimes County	Grimes County	No	\$235,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	0	0	0	2	11	49				

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001374	Morgan Creek Crossing Improvement Study	Study crossings within the Morgan Creek watershed (including crossing CR 103, CR 104, and CR 104A) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos, Madison	12070103	120701030601	08000007	Feasibility Assessment	57.4	Riverine	Grimes County	Grimes County	No	\$295,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	0	0	0	2	11	49			
081001375	Neville Creek Crossing Improvement Study	Study crossings within the Neville Creek watershed (including crossing CR 102) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos, Madison	12070103	120701030601	08000007	Feasibility Assessment	57.4	Riverine	Grimes County	Grimes County	No	\$240,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	0	0	0	2	11	49			
081001376	Williamson Countywide Enhanced Mitigation Analysis	Analysis of flood-prone areas (including damage centers and low water crossings and enhanced mobility) across the County for the purpose of developing additional Flood Mitigation Projects.	08000014, 08000009	Bastrop, Lee, Travis, Williamson, Burnet, Milam, Bell, Lampasas, Coryell, Mills, Hamilton	12070102, 12070203, 12070204, 12070205	120701020101, 120701020104, 120702030101, 120702030105, 120702030401, 120702030106, 120702030403, 120702030508, 120702030203, 120702030301, 120702030404, 120702030501, 120702030102, 120702030104, 120702030103, 120702030201, 120702030202, 120702030305, 120702030302	08000006, 08000008, 08000009, 08000010, 08000011, 08000012	Drainage Master Plan	2841.5	Riverine	Williamson County	Williamson County	No	\$2,060,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	5,215	3,581	10,275	12	272	253	1,124	38,997			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001377	City of Somerville Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Washington, Burleson	12070102	120701020309	08000005, 08000006	Drainage Master Plan	24.5	Riverine	City of Somerville	Somervell County	No	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	45	30	64	0	1	3	28	241			
081001378	Fort Bend Extreme Event Levee Analysis & Evacuation Plan	Evaluate critical impacts and vulnerability of the Fort Bend County levee districts at various stages using existing hydrologic and hydraulic modeling. Develop an emergency action plan and identify areas of critical risk.	08000016, 08000017, 08000020	Brazoria, Wharton, Fort Bend, Austin, Harris, Waller, Matagorda	12070104, 12040205	120701040404, 120701040405, 120701040406, 120701040403, 120701040408, 120701040409, 120701040407, 120701040501, 120701040402, 120701040401, 120701040309, 120701040307, 120701040308, 120402050100, 120402050200	08000013, 08000014	Study on Flood Preparedness	1354.2	Riverine	Fort Bend County Drainage District	Fort Bend County, Fort Bend County Drainage District	No	\$307,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17,706	13,863	36,254	34	6	422	1,353	44,582			
081001379	Fort Bend Master Drainage Plan Update	Update existing master drainage plan models including revising models to full 2D analysis, evaluation of new development in close proximity to proposed projects, and incorporation of latest terrain data.	08000014, 08000009	Brazoria, Wharton, Fort Bend, Austin, Harris, Waller, Matagorda	12070104, 12040205	120701040404, 120701040405, 120701040406, 120701040403, 120701040408, 120701040409, 120701040407, 120701040501, 120701040402, 120701040401, 120701040309, 120701040307, 120701040308, 120402050100, 120402050200	08000013, 08000014	Drainage Master Plan	1354.2	Riverine	Fort Bend County Drainage District	Fort Bend County, Fort Bend County Drainage District	No	\$3,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17,706	13,863	36,254	34	6	422	1,353	44,582			

TWDB Table 12 -
Potential Flood Management Evaluations

General Information																	Flood Risk Information								Existing Efforts	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	HUC 8s	HUC 12s	Watersheds	Evaluation Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost	Potential Funding Sources and Amount	Estimated Number of Structures at Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Segment Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Existing or Anticipated Models (yr)	Existing or Anticipated Maps (yr)	
081001380	Brazos River Flood Study (Brazos County)	Perform a hydrologic and hydraulic analysis and prepare flood risk mapping of the Brazos River with a focus on the portion of the river through Brazos County.	08000014	Waller, Washington, Burleson, Grimes, Brazos, Milam, Robertson	12070101, 12070102, 12070103	120701010607, 120701010801, 120701010609, 120701010612, 120701010610, 120701010611, 120701010613, 120701010701, 120701010702, 120701010703, 120701010704, 120701010705, 120701010802, 120701010804, 120701010706, 120701020502, 120701030804	08000005, 08000006, 08000007, 08000011, 08000013	Regional Watershed Studies	800.9	Riverine	Brazos County	Brazos County	No	\$400,000	Local, TWDB FIF, TWDB CWSRF	1,430	805	2,865	7	19	134	273	74,825			
081001381	City of Killeen Drainage Master Plan	Update to the Killeen MDP including acquiring new survey, using Atlas 14, and including storm drain system. Revalidate all draiange improvement alternatives and update to meet TWDB standards, assess funding sources, and develop an implementation plan.	08000014, 08000009	Bell, Coryell	12070201, 12070202, 12070203	120702011101, 120702020303, 120702030507, 120702030509, 120702030510	08000008, 08000009, 08000010	Drainage Master Plan	214.5	Riverine	City of Killeen	City of Killeen	No	\$2,500,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,046	667	3,331	2	58	33	247	796			

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

TWDB Table 13 - Potentially Feasible Flood Mitigation Projects Identified by RFPG															
General Information															
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount
083000709	~~826 and 827 Vine Street Property Flooding~~ Vine Street Property Flooding	~~Structural buyouts at the identified location.~~ Acquisition of properties with high flood risk on Vine Street.	08000009	Brazos	120701030702	08000007	Property Acquisition and Structural Elevation	Master Drainage Plan	0	Riverine, Local	City of Bryan	City of Bryan	Yes	\$600,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
083000712	Bryan Boonville and Briarcrest Bridges	Addition of bridges, channel benching, and detention	08000009	Brazos	120701030702	08000007	Comprehensive Drainage Improvements	Lower Brazos RFP - Task 12	0.5	Riverine	City of Bryan	City of Bryan, TxDOT	No	\$12,313,040	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
083000784	Bessie's & Brookshire Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050100, 120701040307, 120701040308, 120701040309, 120701040401	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	30.7	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$285,000,000	Local, FEMA FMA, HUD CDBG-MIT
083000786	Bee Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120701040409, 120701040501	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	4.5	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$38,771,000	Local, FEMA FMA, HUD CDBG-MIT
083000797	Big Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040404, 120701040405, 120701040406, 120701040407, 120701040409, 120701040501	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	56.6	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$662,332,992	Local, FEMA FMA, HUD CDBG-MIT
083000800	Coon Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040401, 120701040404, 120701040405	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	17.1	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$141,439,008	Local, FEMA FMA, HUD CDBG-MIT
083000801	Cow Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120701040409, 120701040501, 120701040502, 120701040503	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	30.9	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$119,191,000	Local, FEMA FMA, HUD CDBG-MIT
083000805	Cottonwood Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040401, 120701040404, 120701040405	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	23	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$182,426,000	Local, FEMA FMA, HUD CDBG-MIT
083000809	Diversion Channel Ditch and Drop Structure	Channel re-configuration to re-direct flow from Big Creek. Improvements to drop structure to have capacity for this increased flow.	08000009	Fort Bend	120701040409	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	12.3	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$266,699,008	Local, FEMA FMA, HUD CDBG-MIT
083000811	Dry Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040407, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20.1	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$133,315,000	Local, FEMA FMA, HUD CDBG-MIT

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

TWDB Table 13 - Potentially Feasible Flood Mitigation Projects Identified by RFPG																											
	Flood Risk Information																										
FMP ID	Flood Risk											Reduction in Flood Risk											Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed		
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE)Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurances	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)				Estimated Reduction in Injuries (if available)	
083000709	0.00	0.00	0	0	0	0	0	0	0.0	0	0.0	0	2	0	0	0	0	0	0	0	0	0.0	0	0	Unkown	100-year	\$300,000
083000712	0.34	N/A	29	N/A	24	121	0	0	1.4	11	0.4	10	6	0	2	26	0	0	1	1	0.1	0	0	10-year	100-year	\$2,179,500	
083000784	18.25	24.41	834	1,544	666	1,095	1	0	32.8	94	7,463.8	148	213	0	181	413	1	0	9	28	1,214.8	0	0	2-year	100-year	\$1,338,000	
083000786	1.13	1.45	19	33	12	11	0	0	0.3	2	305.8	0	0	0	0	0	0	0	0	0	256.0	0	0	5-year	100-year	N/A	
083000797	13.55	35.76	628	873	517	940	1	0	22.7	7	9,441.7	15	589	0	497	913	1	0	14	0	6,478.5	0	0	2-year	100-year	\$1,125,000	
083000800	17.11	19.17	276	419	178	506	0	0	7.1	0	4,744.9	1	275	0	177	503	0	0	7	0	4,576.3	0	0	2-year	100-year	\$514,000	
083000801	11.09	13.46	144	255	100	180	0	2	8.1	17	4,377.6	2	34	0	17	42	0	0	1	2	2,138.4	0	0	5-year	100-year	\$3,506,000	
083000805	8.47	10.19	134	215	112	260	0	0	3.2	0	4,674.7	0	134	0	112	260	0	0	3	0	4,578.8	0	0	2-year	100-year	\$1,361,000	
083000809	12.19	12.33	8	9	0	1	0	0	4.8	1	5,229.0	0	0	0	0	0	0	0	0	0	1.4	0	0	2-year	100-year	N/A	
083000811	8.97	11.24	635	1,107	491	738	0	0	14.3	0	2,599.8	126	509	0	381	661	0	0	13	0	2,063.9	0	0	2-year	100-year	\$262,000	

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

TWDB Table 13 - Potentially Feasible Flood Mitigation Projects Identified by RFPG										
Other Benefits										
FMP ID	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Other Benefits Provided by Projects	Residual Risks	Implementation Issues	Associated Model ID
083000709	0%	No	N/A	No	0.59	N/A	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, relocations, transportation conflicts.	080000000050
083000712	0%	No	N/A	No	0.39	16,714	Road will be repaved when implementing crossing improvements.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, transportation conflicts.	080000000096
083000784	0%	No	N/A	No	0.06	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000002, 080000000007, 080000000014, 080000000015
083000786	0%	No	N/A	No	0.47	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000001, 080000000006, 080000000014, 080000000015
083000797	0%	No	N/A	No	0.39	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000800	0%	No	N/A	No	0.52	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000801	0%	No	N/A	No	0.52	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000001, 080000000006, 080000000014, 080000000015
083000805	0%	No	N/A	No	0.51	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000809	0%	No	N/A	No	0.27	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000811	0%	No	N/A	No	0.35	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

General Information															
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount
083000814	Dutch John Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040407, 120701040408, 120701040409	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	11.2	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$39,101,000	Local, FEMA FMA, HUD CDBG-MIT
083000817	Fairchild Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040406	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	30.8	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$190,448,000	Local, FEMA FMA, HUD CDBG-MIT
083000818	Flewellen Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120402050100, 120701040308, 120701040309	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20.7	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$542,724,992	Local, FEMA FMA, HUD CDBG-MIT
083000820	Gapps Slough Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040402, 120701040403, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	12.6	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$48,302,000	Local, FEMA FMA, HUD CDBG-MIT
083000821	Jones Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120402050100, 120701040309, 120701040401, 120701040402	08000013, 08000014	Comprehensive Drainage Improvements	Community Submittal from Master Drainage Plan	21.7	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$556,012,032	Local, FEMA FMA, HUD CDBG-MIT
083000823	Lateral IIB-7 & IIB-9 Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	5.7	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$62,287,000	Local, FEMA FMA, HUD CDBG-MIT
083000827	Lower Dry Creek Channel Improvement	Channel improvements and re-configurations.	08000009	Fort Bend	120701040403, 120701040407, 120701040408, 120701040409	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$110,716,000	Local, FEMA FMA, HUD CDBG-MIT
083000828	Seabourne Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040401, 120701040404, 120701040405, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	13	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$104,974,000	Local, FEMA FMA, HUD CDBG-MIT
083000829	Turkey Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120701040406, 120701040407, 120701040409, 120701040501	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	23.4	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$86,161,000	Local, FEMA FMA, HUD CDBG-MIT
083000834	Oyster Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050100, 120402050200, 120701040402, 120701040403	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20.8	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$315,176,000	Local, FEMA FMA, HUD CDBG-MIT
083000838	Lower Oyster Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050200, 120701040403, 120701040409	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	3.9	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$125,690,000	Local, FEMA FMA, HUD CDBG-MIT

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

	Flood Risk Information																									
FMP ID	Flood Risk											Reduction in Flood Risk												Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)			
083000814	1.20	7.04	12	23	12	36	0	0	2.2	1	2,070.9	0	0	0	0	0	0	0	2	0	1,468.8	0	0	2-year	100-year	N/A
083000817	15.30	18.51	949	1,441	803	1,385	1	0	10.3	1	7,817.0	18	931	0	792	1,289	1	0	10	0	2,771.9	0	0	2-year	100-year	\$142,000
083000818	4.47	5.75	77	178	40	136	0	0	1.1	6	1,508.0	19	58	0	22	59	0	0	0	0	0.0	0	0	2-year	100-year	\$9,357,000
083000820	5.96	7.94	295	375	238	492	0	0	11.5	7	2,369.5	5	164	0	161	254	0	0	6	0	546.8	0	0	2-year	100-year	\$295,000
083000821	6.40	10.93	829	1,884	737	1,594	4	0	18.2	71	1,988.0	179	47	0	45	138	4	0	0	0	0.8	0	0	2-year	100-year	\$11,830,000
083000823	3.22	4.00	144	605	122	164	0	0	7.1	0	1,693.2	19	125	0	11	155	0	0	6	0	1,663.0	0	0	2-year	100-year	\$498,000
083000827	17.61	18.81	343	369	219	489	2	0	14.4	20	5,058.4	2	0	0	0	0	2	0	0	0	94.1	0	0	2-year	100-year	N/A
083000828	5.41	7.18	577	1,217	473	1,214	4	0	13.2	0	2,336.1	4	573	0	472	1,212	4	0	13	0	2,270.4	0	0	2-year	100-year	\$183,000
083000829	7.76	10.89	39	160	24	46	0	0	2.5	14	3,908.5	2	22	0	10	29	0	0	1	3	3,393.4	0	0	5-year	100-year	\$3,916,000
083000834	5.83	9.59	385	3,751	340	2,000	1	0	38.5	322	748.1	1	0	0	0	0	0	0	31	236	4.2	0	0	2-year	100-year	N/A
083000838	1.66	2.56	60	325	37	367	0	0	3.7	29	289.6	0	0	0	0	0	0	0	2	20	2.5	0	0	2-year	100-year	N/A

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

Other Benefits										
FMP ID	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Other Benefits Provided by Projects	Residual Risks	Implementation Issues	Associated Model ID
083000814	0%	No	N/A	No	0.27	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000817	0%	No	N/A	No	0.54	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000818	0%	No	N/A	No	0.05	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000003, 080000000008, 080000000014, 080000000015
083000820	0%	No	N/A	No	0.23	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000821	0%	No	N/A	No	0.06	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000003, 080000000008, 080000000014, 080000000015
083000823	0%	No	N/A	No	0.27	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000827	0%	No	N/A	No	0.24	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000828	0%	No	N/A	No	0.53	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000005, 080000000010, 080000000014, 080000000015
083000829	0%	No	N/A	No	0.47	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000001, 080000000006, 080000000014, 080000000015
083000834	0%	No	N/A	No	0.23	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000004, 080000000009, 080000000014, 080000000015
083000838	0%	No	N/A	No	0.14	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000004, 080000000009, 080000000014, 080000000015

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

General Information															
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount
083000841	Red Gully Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050100	08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	3	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$46,719,000	Local, FEMA FMA, HUD CDBG-MIT
083000843	Bullhead Bayou Channels and Detention	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040402, 120402050100	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	6.2	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$62,498,000	Local, FEMA FMA, HUD CDBG-MIT
083000847	Stafford Run Channels and Detentions	Channel improvements and re-configurations at several key locations, addition of in-line detention.	08000009	Fort Bend	120402050200	08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	2.2	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$15,612,000	Local, FEMA FMA, HUD CDBG-MIT
083000853	Long Point Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050200	08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	3.1	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$8,760,000	Local, FEMA FMA, HUD CDBG-MIT
083000855	Rabbs Bayou Detention	Proposal of regional detention basin.	08000009	Fort Bend	120701040401, 120701040402, 120701040403, 120701040408	08000013	Regional Detention	Community Submittal from Master Drainage Plan	11.5	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$8,699,000	Local, FEMA FMA, HUD CDBG-MIT
083001062	Hazelwood Crossing	Construction of a bridge to allow for neighborhood access during storm events.	08000009	McLennan	120602020801	08000002	Low Water Crossing or Bridge Improvements	Community Submittal	0.6	Riverine, Local	McLennan County	McLennan County, City of Lacey Lakeview	Yes	\$616,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
083001063	Panther Branch Crossing	Bridge improvements to allow for neighborhood access during storm events by relieving flooding at the crossing with Rock Springs Creek.	08000009	McLennan	120602040405	08000004	Low Water Crossing or Bridge Improvements	Community Submittal	0.6	Riverine, Local	McLennan County	McLennan County, City of Valley Mills	Yes	\$669,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
083001288	Diversion Improvements for South Rising Star	Improvements and extension to existing berm and construction of roadside ditch to direct flow to existing diversion channel.	08000009, 08000010	Eastland	120702010301	08000008	Regional Channel Improvements	Lower Brazos RFP - Task 12	1.6	Riverine	City of Rising Star	City of Rising Star, Eastland County	No	\$1,595,000	Local,FEMA FMA,HUD CDBG-MIT
083001289	FM 219 and North Bosque River Crossing Improvement	Replacement of existing culverts with bridge. Benching along channel for mitigation.	08000007, 08000008	Bosque	120602040404	08000004	Low Water Crossing or Bridge Improvements	Lower Brazos RFP - Task 12	3.8	Riverine	City of Clifton	City of Clifton, Bosque County, TxDOT	No	\$2,733,000	Local,FEMA FMA,HUD CDBG-MIT
083001290	Benching along Sulphur Creek Tributary	Benching along Sulphur Creek tributary.	08000009, 08000010	Lampasas	120702030306	08000010	Regional Channel Improvements	Lower Brazos RFP - Task 12	0	Riverine	City of Lampasas	City of Lampasas, Lampasas WCID, Lampasas County	No	\$1,132,000	Local, FEMA FMA, HUD CDBG-MIT
083001291	Cemetery Creek Improvements	Channel and crossing improvements along Cemetary Creek - tributary to Sulphur Creek.	08000009	Lampasas	120702030306	08000010	Regional Channel Improvements	Lower Brazos RFP - Task 12	0.8	Riverine	City of Lampasas	City of Lampasas, Lampasas WCID, Lampasas County	No	\$13,305,000	Local, FEMA FMA, HUD CDBG-MIT

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

	Flood Risk Information																									
FMP ID	Flood Risk											Reduction in Flood Risk												Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)			
083000841	1.44	1.69	579	1,146	555	2,411	0	0	10.2	75	162.8	0	0	0	0	0	0	0	7	37	85.1	0	0	2-year	100-year	N/A
083000843	3.38	4.80	56	229	28	700	0	0	9.0	60	1,728.8	7	44	0	24	396	0	0	5	41	636.8	0	0	2-year	100-year	\$1,420,000
083000847	0.53	1.05	160	1,005	110	251	0	0	9.2	77	10.2	0	0	0	0	0	0	0	3	21	2.0	0	0	2-year	100-year	N/A
083000853	1.22	1.53	39	105	36	88	0	0	2.4	30	49.7	3	4	0	4	14	0	0	1	16	4.5	0	0	2-year	100-year	\$2,190,000
083000855	2.51	3.98	276	1,012	260	891	0	0	12.4	78	800.6	0	0	0	0	0	0	0	1	2	6.2	0	0	10-year	100-year	N/A
083001062	0.00	0.00	0	0	0	0	0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0.0	0	0	10-year	100-year	N/A
083001063	0.00	0.00	0	0	0	0	0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0.0	0	0	10-year	100-year	N/A
083001288	0.78	0.95	40	69	35	44	1	0	2.1	16	267.3	17	23	32	20	40	0	0	0	0	6.3	0	0	2-year	100-year	\$69,300
083001289	0.92	1.12	N/A	N/A	N/A	N/A	0	0	0.9	6	156.8	N/A	N/A	N/A	N/A	N/A	0	0	0	0	0.3	0	0	50-year	100-year	N/A
083001290	0.04	0.04	15	17	3	32	0	1	0.3	6	0.4	14	6	1	0	17	0	0	0	1	0.2	0	0	5-year	100-year	\$188,700
083001291	0.27	0.34	630	1,000	327	4,168	8	3	6.6	56	2.2	614	35	50	303	4,101	5	0	1	0	1.0	0	0	10-year	100-year	\$380,100

TWDB Table 13 -
 Potentially Feasible Flood Mitigation Projects

Other Benefits										
FMP ID	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Other Benefits Provided by Projects	Residual Risks	Implementation Issues	Associated Model ID
083000841	0%	No	N/A	No	0.36	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000004, 080000000009, 080000000014, 080000000015
083000843	0%	No	N/A	No	0.42	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000004, 080000000009, 080000000014, 080000000015
083000847	0%	No	N/A	No	0.58	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, Acquisitions, utility conflicts, environmental concerns.	080000000004, 080000000009, 080000000014, 080000000015
083000853	0%	No	N/A	No	0.31	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000004, 080000000009, 080000000014, 080000000015
083000855	0%	No	N/A	No	0.37	N/A	Agricultural, recreation, and water quality benefits.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements. The residual risk also lies in the upkeep of the detention basin.	Permitting, Acquisitions, utility conflicts, environmental concerns.	080000000033, 080000000034, 080000000014, 080000000015
083001062	0%	No	N/A	No	0.69	3,194	Road will be repaved when implementing bridge construction.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements. The residual risk also lies in the upkeep of the bridge being built.	Right-of-way, acquisitions, permitting, utility conflicts, environmental concerns , transportation conflicts.	80000000055
083001063	0%	No	N/A	No	0.28	983	Road will be repaved when implementing crossing improvements.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements. The residual risk also lies in the upkeep of the bridge being improved on.	Right-of-way, permitting, utility conflicts, environmental concerns , transportation conflicts.	080000000056, 080000000057
083001288	0%	No	N/A	No	0.59	N/A	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000074, 080000000075
083001289	0%	No	N/A	No	0.22	3,219	Road will be repaved when implementing bridge construction.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, transportation conflicts.	080000000076, 080000000077, 080000000078
083001290	0%	No	N/A	No	0.86	N/A	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000071, 080000000073
083001291	0%	No	N/A	No	0.72	N/A	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000071, 080000000072

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

General Information															
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount
083001292	Comanche Detention	Addition of detention and channel benching	08000009	Comanche	120702010502	08000008	Comprehensive Drainage Improvements	Lower Brazos RFP - Task 12	7	Riverine	City of Comanche	City of Comanche, Comanche County	No	\$46,985,220	Local, FEMA FMA, HUD CDBG-MIT
083001293	US180 Rock Creek Overbank Crossing	Culvert improvement and detention	08000009	Parker	120602011103	08000001	Low Water Crossing or Bridge Improvements	Lower Brazos RFP - Task 12	1.4	Riverine	~~Parker County, Palo Pinto County~~ City of Mineral Wells	Parker County, Palo Pinto County, TxDOT	No	\$10,129,326	Local, FEMA FMA, HUD CDBG-MIT
083001294	US180 Rock Creek Tributary 1 Crossing	Culvert improvement and channel benching	08000009	Palo Pinto	120602011103	08000001	Low Water Crossing or Bridge Improvements	Lower Brazos RFP - Task 12	0	Riverine	~~Parker County, Palo Pinto County~~ City of Mineral Wells	Palo Pinto County, TxDOT	No	\$1,236,985	Local, FEMA FMA, HUD CDBG-MIT
083001295	Jim Neal Branch Tributary 2 Crossing	Culvert improvement	08000009	Eastland	120702010201	08000008	Low Water Crossing or Bridge Improvements	Lower Brazos RFP - Task 12	0	Riverine	Eastland County	Eastland County, TxDOT	No	\$476,707	Local, FEMA FMA, HUD CDBG-MIT
083001296	Jim Neal Branch Tributary 1 Crossing	Culvert improvement and channel benching	08000009	Eastland	120702010201	08000008	Low Water Crossing or Bridge Improvements	Lower Brazos RFP - Task 12	0.1	Riverine	Eastland County	Eastland County, TxDOT	No	\$3,083,036	Local, FEMA FMA, HUD CDBG-MIT
083001297	Jim Neal Branch Crossing	Culvert improvement and channel benching	08000009	Eastland	120702010201	08000008	Low Water Crossing or Bridge Improvements	Lower Brazos RFP - Task 12	0	Riverine	Eastland County	Eastland County, TxDOT	No	\$1,925,141	Local, FEMA FMA, HUD CDBG-MIT
083001298	Prairie Wind Alternative 2	Includes channel excavation, creation of an additional channel, and (5)10'x6' RCB	08000007, 08000008, 08000009, 08000010	Erath	120602040102	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	1.1	Riverine, Local	City of Stephenville	City of Stephenville, Erath County	No	\$6,182,000	Local, FEMA FMA, HUD CDBG-MIT
083001299	Lingleville Alternative 2	Includes (4)10'x6' RCB and upstream grading	08000007, 08000008	Erath	120602040102	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	0.5	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$2,014,000	Local, FEMA FMA, HUD CDBG-MIT
083001300	County Road 256 Alternative 1	Includes raising the road, (7)10'x9' RCB, and grading along the river	08000007, 08000008, 08000009, 08000010	Erath	120602040103	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	3	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$4,145,000	Local, FEMA FMA, HUD CDBG-MIT
083001301	Morgan Mill Alternative 1	Includes minor grading and (6)12'x7' RCB	08000007, 08000008, 08000009, 08000010	Erath	120602040103	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	2.8	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$2,661,000	Local, FEMA FMA, HUD CDBG-MIT
083001302	Long St Alternative 1	Includes installing a 425' span bridge with road elevation on either side	08000007, 08000008	Erath	120602040101, 120602040102, 120602040103	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	94.7	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$8,993,000	Local, FEMA FMA, HUD CDBG-MIT
083001303	Weaver Creek and Main Street Culvert Improvements	Detention pond, channel improvements, and culvert improvements.	08000009	Eastland	120702010105	Leon	Comprehensive Drainage Improvements	Leon River Watershed Study FIF	0	Riverine	City of Eastland	City of Eastland, Eastland County	No	\$6,848,016	Local, FEMA FMA, HUD CDBG-MIT

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

FMP ID	Flood Risk Information																									
	Flood Risk											Reduction in Flood Risk														
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE)Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)	Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed
083001292	3.80	4.26	201	254	127	538	0	2	6.5	51	773.4	71	40	14	29	55	0	0	1	2	26.1	0	0	10-year	100-year	\$1,247,525
083001293	0.65	0.76	20	30	N/A	82	0	0	0.6	8	3.2	4	5	1	N/A	31	0	0	0	5	0.5	0	0	10-year	100-year	\$2,160,200
083001294	0.01	0.01	0	0	N/A	0	0	0	0.1	2	N/A	0	0	0	N/A	0	0	0	0	0	0.0	0	0	10-year	100-year	N/A
083001295	0.01	0.01	1	1	N/A	0	0	0	0.0	1	N/A	1	0	0	N/A	0	0	0	0	1	0.0	0	0	5-year	100-year	N/A
083001296	0.06	0.06	2	2	2	0	0	0	0.2	1	2.5	2	0	0	N/A	0	0	0	0	1	0.0	0	0	5-year	100-year	N/A
083001297	0.02	0.03	2	2	N/A	0	0	0	0.1	1	0.0	1	0	0	N/A	0	0	0	0	1	0.0	0	0	5-year	100-year	N/A
083001298	0.06	0.06	8	10	8	23	0	1	0.3	10	0.0	0	8	10	8	23	0	1	0	9	0.0	0	0	< 2-Year	100-Year	\$772,750
083001299	0.02	0.02	0	0	0	0	0	1	0.1	10	0.0	0	0	0	0	0	0	1	0	9	0.0	0	0	< 2-Year	100-Year	N/A
083001300	0.29	0.32	4	4	4	2	0	1	0.1	10	0.0	3	1	0	1	0	0	0	0	8	0.0	0	0	< 2-Year	5-Year	\$4,145,000
083001301	0.14	0.15	18	22	10	31	0	1	0.3	5	0.0	5	13	13	7	20	0	1	0	5	0.0	0	0	2-Year	100-Year	\$204,692
083001302	10.59	10.72	5	28	5	10	0	1	0.2	10	0.0	0	0	0	0	0	0	1	0	10	0.0	0	0	< 2-Year	100-Year	N/A
083001303	2.54	2.81	282	322	161	482	1	0	11.9	4	28.4	N/A	2	0	0	11	0	0	1	10	0.0	0	0	2-Year	100-Year	\$476,205

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

Other Benefits										
FMP ID	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Other Benefits Provided by Projects	Residual Risks	Implementation Issues	Associated Model ID
083001292	0%	No	N/A	No	0.87	4,106	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns.	080000000079, 080000000080
083001293	0%	No	N/A	No	0.38	13,359	Road will be repaved when implementing crossing improvements.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, transportation conflicts.	080000000083, 080000000084
083001294	0%	No	N/A	No	0.56	13,353	Road will be repaved when implementing crossing improvements.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, transportation conflicts.	080000000083, 080000000084
083001295	0%	No	N/A	No	0.63	353	Road will be repaved when implementing crossing improvements.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, transportation conflicts.	080000000081, 080000000082
083001296	0%	No	N/A	No	0.63	353	Road will be repaved when implementing crossing improvements.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, transportation conflicts.	080000000081, 080000000082
083001297	0%	No	N/A	No	0.63	353	Road will be repaved when implementing crossing improvements.	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	Right-of-way, permitting, utility conflicts, environmental concerns, transportation conflicts.	080000000081, 080000000082
083001298	11%	No	N/A	No	0.41	200	Riparian habitat	Continued risk for events beyond the 1% ACE.	Potential required environmental permitting, coordination during final design or construction anticipated.	080000000089, 080000000090, 080000000091
083001299	0%	No	N/A	No	0.41	7,206	None	Continued risk for events beyond the 1% ACE.	No major implementation issues identified, coordination during final design or construction anticipated.	080000000086, 080000000090, 080000000091
083001300	0%	No	N/A	No	0.39	336	None	Continued risk for events beyond the 20% ACE.	No major implementation issues identified, coordination during final design or construction anticipated.	080000000085, 080000000090, 080000000091
083001301	0%	No	N/A	No	0.57	10,668	None	Continued risk for events beyond the 1% ACE.	No major implementation issues identified, coordination during final design or construction anticipated.	080000000088, 080000000090, 080000000091
083001302	0%	No	N/A	No	0.68	244	None	Continued risk for events beyond the 1% ACE.	No major implementation issues identified, coordination during final design or construction anticipated.	080000000087, 080000000090, 080000000091
083001303	0%	No	N/A	No	0.70	N/A	Reduces flooding in high visibility area	Inefficient culvert operation from lack of maintenance.	Right of way, permitting	N/A

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

General Information															
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount
083001304	Tributary 3 and UPRR Culvert Improvements	Culvert improvements; upstream and downstream channel improvements.	08000009	Eastland	120702010105	Leon	Comprehensive Drainage Improvements	Leon River Watershed Study FIF	0	Riverine	City of Eastland	City of Eastland, Eastland County	No	\$2,912,398	Local, FEMA FMA, HUD CDBG-MIT
083001305	Lake Eastland CIP 3.5	Reconstruction of primary Lake Eastland spillway.	08000009	Eastland	120702010105	Leon	Comprehensive Drainage Improvements	Leon River Watershed Study FIF	0	Riverine	City of Eastland	City of Eastland, Eastland County	No	\$15,700,000	Local, FEMA FMA, HUD CDBG-MIT
083001306	Mallard Lane	Proposed storm drainage system located along Summit Circle, Kingston Circle, Mallard Lane, and Greenlawn Drive. Approximately 2,000 linear ft.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.5	Riverine, Local	City of Taylor	City of Taylor	No	\$1,620,000	Local, FEMA FMA, HUD CDBG-MIT
083001307	TH Johnson	Proposed channel located south of TH Johnson Drive and discharging into Bull Branch, including approximately 500 feet of new concrete channel, and the installation of 3 RCB culverts at Crystal Circle	08000009	Williamson	120702050405	San Gabriel	Regional Channel Improvements	City Personnel; City Drainage Master Plan	0.6	Riverine, Local	City of Taylor	City of Taylor	No	\$489,000	Local, FEMA FMA, HUD CDBG-MIT
083001308	Davis St	Proposed storm sewer along Davis Street from 8th Street to 2nd Street that discharges to the existing outfall in the railroad drainage ditch to the north of the railroad and ties into 2nd st existing drainage system. Approximately 3,750 linear ft of RCP.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.5	Riverine, Local	City of Taylor	City of Taylor	No	\$4,270,000	Local, FEMA FMA, HUD CDBG-MIT
083001309	Bel-Air	Proposed storm sewer system located along Bel-Air Drive, Dellinger Drive, and Randall Street that discharges into Bull Branch. Approximately 1,365 linear ft.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.2	Riverine, Local	City of Taylor	City of Taylor	No	\$903,000	Local, FEMA FMA, HUD CDBG-MIT
083001310	Annie St	Proposed storm sewer along Annie Street, Howard Street, and 7th Street that discharges to a new outfall in the railroad drainage ditch to the south of 2nd street. Approximately 4,000 linear ft of RCP.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.5	Riverine, Local	City of Taylor	City of Taylor	No	\$2,626,000	Local, FEMA FMA, HUD CDBG-MIT
083001311	Sun Valley Neighborhood Levee	Buyouts, construction of levee, and storm sewer.	08000009	Coryell	120702010902	Leon	Comprehensive Drainage Improvements	City of Gatesville MDP FIF	8.4	Riverine	City of Gatesville	City of Gatesville	No	\$1,594,290	Local, FEMA FMA, HUD CDBG-MIT
083001312	Straws Mill Road LWC	Includes raising the road and adding culverts at crossing.	08000008	Coryell	120702010905	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	4.2	Riverine	City of Gatesville	City of Gatesville	No	\$1,021,710	Local, FEMA FMA, HUD CDBG-MIT

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

	Flood Risk Information																									
FMP ID	Flood Risk											Reduction in Flood Risk											Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed	
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE)Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurances	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)				Estimated Reduction in Injuries (if available)
083001304	2.53	2.82	229	288	113	405	1	0	11.7	0	27.6	N/A	55	33	48	192	0	0	1	0	0.2	0	0	10-Year	100-Year	\$14,711
083001305	2.53	2.80	277	317	160	478	1	0	12.0	0	26.6	N/A	7	4	1	19	0	0	1	0	1.2	0	0	10-Year	100-Year	\$301,464
083001306	0.14	N/A	35	N/A	33	105	0	0	0.0	0	N/A	33	2	N/A	2	6	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$810,000
083001307	0.19	N/A	10	N/A	10	30	0	0	0.0	0	N/A	10	0	N/A	0	0	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$489,000
083001308	0.15	N/A	23	N/A	17	111	0	0	0.0	0	N/A	10	13	N/A	9	67	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$328,000
083001309	0.05	N/A	9	N/A	9	27	0	0	0.0	0	N/A	8	1	N/A	1	3	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$903,000
083001310	0.15	N/A	14	N/A	14	42	0	0	0.0	0	N/A	6	8	N/A	8	24	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$438,000
083001311	105.00	154.00	43	0	43	129	0	0	0.4	1	0.0	0	43	0	43	129	0	0	0	1	70.0	0	0	10-Year	100-Year	\$31,107
083001312	0.00	0.00	0	0	0	0	0	1	0.4	1	0.0	0	0	0	0	0	0	1	0	1	0.0	0	0	2-Year	100-Year	N/A

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

Other Benefits										
FMP ID	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Other Benefits Provided by Projects	Residual Risks	Implementation Issues	Associated Model ID
083001304	0%	No	N/A	No	0.70	N/A	Reduces flooding on railroad	Time delays from railroad coordinations.	Permitting	N/A
083001305	0%	No	N/A	No	0.70	N/A	Passes the %PMF and removes structures from TCEQ violation	Environmental delays from permitting.	Permitting	N/A
083001306	0%	No	N/A	No	0.33	N/A	None	Storm drain clogging.	None identified at this time.	080000000094
083001307	0%	No	N/A	No	0.33	N/A	None	Downstream channel erosion.	None identified at this time.	080000000094
083001308	0%	No	N/A	No	0.37	N/A	None	Storm drain clogging.	None identified at this time.	080000000095
083001309	0%	No	N/A	No	0.33	N/A	None	Storm drain clogging.	None identified at this time.	080000000094
083001310	0%	No	N/A	No	0.37	N/A	None	Storm drain clogging.	None identified at this time.	080000000095
083001311	0%	No	N/A	No	0.68	112	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	None identified at this time.	080000000092
083001312	0%	No	N/A	No	0.51	555	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	None identified at this time.	080000000093

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

General Information															
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount
083001313	Leon WWTP Parapet Wall	Construction of ring parapet.	08000009	Coryell	120702010902	Leon	Comprehensive Drainage Improvements	City of Gatesville MDP FIF	2.2	Riverine	City of Gatesville	City of Gatesville	Yes	\$642,000	CWSRF
083001314	Arrowood Lane Culvert	Construction of arch culvert and channel improvements.	08000008	Coryell	120702010902	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	2.2	Riverine	City of Gatesville	City of Gatesville	No	\$776,000	CDBG-DR MIT
083001315	SH 36 Culverts	Construction of 2 additional culverts at crossing.	08000008	Coryell	120702010902	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	2.2	Riverine	City of Gatesville	City of Gatesville	No	\$328,000	TXDOT
083001316	FM 929 Culverts	Construction of culvert and channel improvements.	08000008	Coryell	120702010906	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	0	Riverine	City of Gatesville	City of Gatesville	No	\$1,535,000	TXDOT

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

FMP ID	Flood Risk Information																									
	Flood Risk											Reduction in Flood Risk												Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)			
083001313	0.00	0.00	0	0	0	9	0	0	0.0	0	0.0	0	3	0	0	9	1	0	0	0	0	0	0	Unknown	Unknown	N/A
083001314	0.00	0.00	0	0	0	0	0	0	0.0	0	0.0	1	0	0	0	0	0	0	0	0	0	0	0	Unknown	Unknown	N/A
083001315	0.00	0.00	0	0	0	3	0	0	0.0	0	0.0	1	1	0	1	3	0	0	0	0	0	0	0	Unknown	Unknown	N/A
083001316	0.00	0.00	0	0	0	42	0	0	0.0	0	0.0	0	14	0	14	42	0	0	0	0	0	0	0	Unknown	Unknown	N/A

TWDB Table 13 -
Potentially Feasible Flood Mitigation Projects

Other Benefits										
FMP ID	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Other Benefits Provided by Projects	Residual Risks	Implementation Issues	Associated Model ID
083001313	0%	No	N/A	No	0.51	N/A	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	None identified at this time.	N/A
083001314	0%	No	N/A	No	0.68	25	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	None identified at this time.	N/A
083001315	0%	No	N/A	No	0.68	N/A	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	None identified at this time.	N/A
083001316	0%	No	N/A	No	0.35	1,469	None	The residual risks to life and property remains for flood events that exceed the design storm of the proposed improvements.	None identified at this time.	N/A

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

TWDB Table 14 - Potentially Feasible Flood Management Strategies Identified by RFPG															
General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capitol Costs (\$)	Potential Funding Sources and Amount
082000059	Evaluation of Flood Control Projects Phase 2	Implement design, construction, and maintenance criteria for new City-owned flood control projects; Document retrofitting/non-structural control activities on existing City-owned flood control structures	08000009	Fort Bend	1207010404, 1204020501, 1204020502	08000013, 08000014	Other	31	Riverine	City of Sugar Land	City of Sugar Land	No	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000071	Sugar Land MDP - Early Flood Warning System	Engage regional partners in developing a flood warning system.	08000016	Fort Bend	1207010404, 1204020501, 1204020502	08000013, 08000014	Flood Measurement and Warning	31	Riverine, Coastal	City of Sugar Land	City of Sugar Land	No	\$1,000,000	\$1,000,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000074	Sugar Land MDP - Regional Drainage & Drainage Entities	Consider establishing a single regional drainage entity to manage all aspects of drainage.	08000003	Fort Bend	1207010404, 1204020501, 1204020502	08000013, 08000014	Regulatory and Guidance	31	Riverine, Coastal, Local	City of Sugar Land	City of Sugar Land	No	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000121	Comanche County TADD Promotion	Increase awareness of flood risk and hazards.	08000019	Comanche	1207020102, 1207020103, 1207020104, 1207020105, 1207020106, 1207020201	08000008, 08000009	Other	914	Riverine, Local	Comanche County	Comanche County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000130	City of Gustine TADD Promotion	Increase awareness of flood risk and hazards.	08000019	Comanche	1207020105	08000008	Other	1	Riverine, Local	City of Gustine	City of Gustine	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000132	Eastland County Early Flood Warning System	Implement system to monitor flood waters.	08000016	Erath	1206020108, 1206020109, 1206020111, 1206020201, 1206020401, 1206020402, 1206020403, 1207020102, 1207020104, 1207020105, 1207020106	08000001, 08000002, 08000004, 08000008	Flood Measurement and Warning	1,085	Riverine, Local	Eastland County	Eastland County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000137	City of Carbon TADD Promotion	Increase awareness of flood risk and hazards.	08000019	Eastland	1207020102, 1207020104	08000008	Other	1	Riverine, Local	City of Carbon	City of Carbon	No	\$500	\$500	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000159	Fort Bend County Prevent River Bank Erosion	Control erosion of river bank to preserve channelization.	08000009	Fort Bend	1207010404, 1207010405, 1207010403, 1204020503, 1204020501, 1204020502	08000013, 08000014	Other	625	Riverine	Fort Bend County	Fort Bend County Drainage District, Fort Bend County	No	\$85,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000160	Fort Bend County Signage for Areas that Flood Easily	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Fort Bend	1207010404, 1207010405, 1207010403, 1204020503, 1204020501, 1204020502	08000013, 08000014	Other	625	Riverine, Coastal, Local	Fort Bend County	Fort Bend County Drainage District, Fort Bend County	No	\$50,000	\$5,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000161	Fort Bend County High Water Barricades	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Fort Bend	1207010404, 1207010405, 1207010403, 1204020503, 1204020501, 1204020502	08000013, 08000014	Other	625	Riverine, Coastal, Local	Fort Bend County	Fort Bend County Drainage District, Fort Bend County	No	\$50,000	\$5,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000169	City of Cresson TADD Barrier Installation	Increase awareness of flood risk and hazards.	08000019	Hood	1206020112, 1206020113	08000001	Other	5	Riverine, Local	City of Cresson	City of Cresson	No	\$15,000	\$1,500	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

TWDB Table 14 - Potentially Feasible Flood Management Strategies Identified by RFPG																															
	Flood Risk Information																				Other Benefits										
FMS ID	Flood Risk										Reduction in Flood Risk										Other Benefits					FMX Associations					
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082000059	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000071	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000074	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000121	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000130	
082000130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000121	
082000132	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000137	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000159	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000160	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000161	
082000161	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000160	
082000169	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082000173	City of Lipan TADD Barrier Installation	Increase awareness of flood risk and hazards.	08000019	Hood	1206020111	08000001	Other	1	Riverine, Local	City of Lipan	City of Lipan	No	\$50,000	\$5,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000176	City of Tolar TADD Barrier Installation	Increase awareness of flood risk and hazards.	08000019	Hood	1206020201	08000002	Other	1	Riverine, Local	City of Tolar	City of Tolar	No	\$50,000	\$5,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000203	Develop Database of Flood Risk Information & Mapping for Erath County	Improve and consolidate baseline data.	08000006	Erath	1206020108, 1206020109, 1206020111, 1206020201, 1206020401, 1206020402, 1206020403, 1207020102, 1207020104, 1207020105, 1207020106	08000001, 08000002, 08000004, 08000008	Other	1,085	Riverine, Local	Erath County	Erath County	No	\$1,500	\$1,500	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000211	Brazos Country TADD Barrier Installation	Increase awareness of flood risk and hazards.	08000019	Austin	1207010403	08000013	Other	2	Riverine, Local	City of Brazos Country	City of Brazos Country	No	\$2,000	\$200	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000220	Bosque County TADD Barrier Installation	Increase awareness of flood risk and hazards.	08000019	Bosque	1206020206, 1206020203, 1206020204, 1206020201, 1206020301, 1206020302, 1206020402, 1206020403, 1206020404	08000002, 08000003, 08000004	Other	998	Riverine, Local	Bosque County	Bosque County Office of Emergency Management	No	\$4,000	\$400	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000247	Upgrade and Install Low Water Crossings in Bell County	Improve low water crossings to reduce flooding.	08000007	Bell	1207010101, 1207010104, 1207020110, 1207020111, 1207020203, 1207020305, 1207020304, 1207020401, 1207020402, 1207020505	08000005, 08000008, 08000009, 08000010, 08000011, 08000012	Infrastructure Projects	1,083	Riverine, Local	Bell County	Bell County	No	\$5,000,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000254	City of Killeen Automated High-Water Warning Signs	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000016	Bell	1207020111, 1207020203, 1207020305, 1207020304	08000008, 08000009, 08000010	Other	54	Riverine, Local	City of Killeen	City of Killeen	No	\$225,000	\$22,500	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000260	City of Nolanville Automated High-Water Warning Signs	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000016	Bell	1207020111	08000008	Other	3	Riverine, Local	City of Nolanville	City of Nolanville	No	\$15,000	\$1,500	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000270	City of Salado Elevate Low Water Crossings	Improve low water crossings to reduce flooding.	08000007	Bell	1207020304	08000010	Infrastructure Projects	2	Riverine, Local	City of Salado	City of Salado	No	\$5,000,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000280	Hamilton County High Water Signs and Gates	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Hamilton	1206020302, 1206020402, 1206020403, 1206020404, 1207020105, 1207020106, 1207020107, 1207020108, 1207020201, 1207020301	08000003, 08000004, 08000008, 08000009, 08000010	Other	833	Riverine, Local	Hamilton County	Hamilton County	No	\$100,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits										
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations					
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSs, and FMPs	FME Association	FMS Association	FMP Association		
082000173	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000176	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000203	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000211	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000220	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000247	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	Yes	N/A	No	Yes	081000259	082000270		
082000254	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000260	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000270	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	Yes	N/A	No	Yes	081000245	082000247		
082000280	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082000283	Hamilton County Upgrade Low Water Crossings	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000007	Hamilton	1206020302, 1206020402, 1206020403, 1206020404, 1207020105, 1207020106, 1207020107, 1207020108, 1207020201, 1207020301	08000003, 08000004, 08000008, 08000009, 08000010	Infrastructure Projects	833	Riverine, Local	Hamilton County	Hamilton County	No	\$100,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000293	Participate with Milam County Emergency Response Board	Establish plan for emergency response to expedite public response.	08000016	Milam	1207020401, 1207020402	08000011	Other	1	Riverine, Local	City of Buckholts	City of Buckholts	No	\$500	\$500	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000305	Falls County Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Falls	1207010103, 1207010101, 1207010102, 1207010104, 1207010105, 1207020403, 1207020402	08000002, 08000005, 08000011	Infrastructure Projects	771	Riverine, Local	Falls County	Falls County	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000306	City of Lott Transform Flood-Prone Areas into Parks	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Falls	1207010103, 1207010101, 1207010104	08000005	Other	1	Local	City of Lott	City of Lott	No	\$120,000	\$120,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000308	City of Marlin Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Falls	1207010101, 1207010102	08000005	Infrastructure Projects	5	Riverine, Local	City of Marlin	City of Marlin	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000309	City of Marlin Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Falls	1207010101, 1207010102	08000005	Other	5	Local	City of Marlin	City of Marlin	No	\$50,000	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000310	Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Falls	1207010104	08000005	Other	1	Riverine, Local	City of Rosebud	City of Rosebud	No	\$10,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000311	City of Rosebud Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Falls	1207010104	08000005	Infrastructure Projects	1	Riverine, Local	City of Rosebud	City of Rosebud	No	\$100,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000326	City of Teague Portable Flood Pumps	Purchase portable flood pumps to be used where most needed in flood events.	08000009	Freestone	1207010303	08000007	Other	2	Riverine, Local	City of Teague	City of Teague	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000342	Hill County Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Hill	1206020206, 1206020207, 1206020203, 1206020204, 1206020205, 1206020202, 1207010301	08000002, 08000007	Infrastructure Projects	661	Riverine, Local	Hill County	Hill County	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000343	Hill County Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Hill	1206020206, 1206020207, 1206020203, 1206020204, 1206020205, 1206020202, 1207010301	08000002, 08000007	Other	661	Local	Hill County	Hill County	No	\$120,000	\$120,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000345	Improve & Flood Proof Critical Facilities in City of Aquilla	Increase resiliency of critical facilities to flood events.	08000012	Hill	1206020205	08000002	Infrastructure Projects	1	Riverine, Local	City of Aquilla	City of Aquilla	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000346	City of Aquilla Flood Warning Signs	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Hill	1206020205	08000002	Other	1	Riverine, Local	City of Aquilla	City of Aquilla	No	\$7,000	\$700	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits											
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations						
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures With Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association			
082000283	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	Yes	N/A	No	Yes	081000289, 081001213				
082000293	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					
082000305	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000308, 082000311			
082000306	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	No					
082000308	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000305			
082000309	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	No					
082000310	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	No					
082000311	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000305			
082000326	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					
082000342	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000351, 082000353, 082000357, 082000350, 082000354, 082000345			
082000343	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	Yes		082000352, 082000358			
082000345	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000342			
082000346	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082000349	City of Covington Automated Floodgates	Implementation of automated gates to block public from areas prone to flood risk.	08000016	Hill	1206020205	08000002	Other	1	Riverine, Local	City of Covington	City of Covington	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000350	City of Covington Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Hill	1206020205	08000002	Infrastructure Projects	1	Riverine, Local	City of Covington	City of Covington	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000351	City of Hillsboro Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Hill	1206020205	08000002	Infrastructure Projects	10	Riverine, Local	City of Hillsboro	City of Hillsboro	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000352	City of Hillsboro Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Hill	1206020205	08000002	Other	10	Local	City of Hillsboro	City of Hillsboro	No	\$50,000	\$50,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000353	City of Itasca Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Hill	1206020205	08000002	Infrastructure Projects	1	Riverine, Local	City of Itasca	City of Itasca	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000354	City of Mount Calm Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Hill	1206020207, 1207010301	08000002, 08000007	Infrastructure Projects	1	Riverine, Local	City of Mount Calm	City of Mount Calm	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000357	City of Whitney Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Hill	1206020204	08000002	Infrastructure Projects	2	Riverine, Local	City of Whitney	City of Whitney	No	\$750,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000358	City of Whitney Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Hill	1206020204	08000002	Other	2	Local	City of Whitney	City of Whitney	No	\$85,000	\$85,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000377	City of Lampasas Low Water Crossing Signs	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Lampasas	1207020303	08000010	Other	7	Riverine, Local	City of Lampasas	City of Lampasas	No	\$100,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000397	City of Marquez Portable Flood Pumps	Purchase portable flood pumps to be used where most needed in flood events.	08000009	Leon	1207010303, 1207010304	08000007	Other	1	Riverine, Local	City of Marquez	City of Marquez	No	\$100,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000402	Limestone County Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Limestone	1206020207, 1207010103, 1207010102, 1207010105, 1207010301, 1207010302, 1207010303, 1207010304	08000002, 08000005, 08000007	Infrastructure Projects	830	Riverine, Local	Limestone County	Limestone County	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000403	Improve & Flood Proof Critical Facilities in City of Coolidge	Increase resiliency of critical facilities to flood events.	08000012	Limestone	1207010301	08000007	Infrastructure Projects	1	Riverine, Local	City of Coolidge	City of Coolidge	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000407	City of Kosse Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Limestone	1207010103, 1207010302	08000005, 08000007	Infrastructure Projects	1	Riverine, Local	City of Kosse	City of Kosse	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000408	City of Kosse Automated Floodgates	Implementation of automated gates to block public from areas prone to flood risk.	08000016	Limestone	1207010103, 1207010302	08000005, 08000007	Other	1	Riverine, Local	City of Kosse	City of Kosse	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000409	City of Mexia Improve & Flood Proof Critical Facilities	Increase resiliency of critical facilities to flood events.	08000012	Limestone	1207010301	08000007	Infrastructure Projects	4	Riverine, Local	City of Mexia	City of Mexia	No	\$500,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000410	City of Thornton Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Limestone	1207010302	08000007	Other	1	Riverine	City of Thornton	City of Thornton	No	\$85,000	\$85,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits										
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations					
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSs, and FMPs	FME Association	FMS Association	FMP Association		
082000349	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000350	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000342		
082000351	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000342		
082000352	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	Yes		082000343		
082000353	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000342		
082000354	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000342		
082000357	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000342		
082000358	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	Yes		082000343		
082000377	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000397	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000402	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000407, 082000409, 082000403		
082000403	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000402		
082000407	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000402		
082000408	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000409	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000402		
082000410	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	No				

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082000498	Develop Evacuation Routes for City of Bryson	Establish evacuation routes to expedite public response to flood events.	08000016	Jack	1206020102	08000001	Other	1	Riverine, Local	City of Bryson	City of Bryson	No	\$5,000	\$5,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000507	City of Byson TADD Promotion	Increase awareness of flood risk and hazards.	08000019	Jack	1206020102	08000001	Other	1	Riverine, Local	City of Bryson	City of Bryson	No	\$10,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000511	Improve & Flood Proof Critical Facilities in Young County	Increase resiliency of critical facilities to flood events.	08000012	Young	1206020101, 1206020102, 1206020105	08000001	Infrastructure Projects	402	Riverine, Local	Young County	Young County	No	\$1,000,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000516	City of Graham Develop Evacuation Routes	Establish evacuation routes to expedite public response to flood events.	08000016	Young	1206020101, 1206020105	08000001	Other	6	Riverine, Local	City of Graham	City of Graham	No	\$5,000	\$5,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000519	City of Graham TADD Promotion	Increase awareness of flood risk and hazards.	08000019	Young	1206020101, 1206020105	08000001	Other	6	Riverine, Local	City of Graham	City of Graham	No	\$10,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000521	City of Graham Flood Proof Sewage Treatment Plan	Increase resiliency of critical facilities to flood events.	08000012	Young	1206020101, 1206020105	08000001	Infrastructure Projects	5	Riverine, Local	City of Graham	City of Graham	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000522	City of Graham Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Young	1206020101, 1206020105	08000001	Other	5	Riverine	City of Graham	City of Graham	No	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000529	City of Olney Develop Evacuation Routes	Establish evacuation routes to expedite public response to flood events.	08000016	Young	1206020101	08000001	Other	2	Riverine, Local	City of Olney	City of Olney	No	\$5,000	\$5,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000530	City of Olney Watertight Covers and Inflow Guard Implementation	Implementation of floodproofing features to increase resiliency of structure to flood events.	08000009	Young	1206020101	08000001	Infrastructure Projects	2	Riverine, Local	City of Olney	City of Olney	No	\$100,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000537	City of Olney Add Vegetation to River Banks	Control erosion of river bank to preserve channelization.	08000009	Young	1206020101	08000001	Other	2	Riverine	City of Olney	City of Olney	No	\$20,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000543	City of Olney TADD Promotion	Increase awareness of flood risk and hazards.	08000019	Young	1206020101	08000001	Other	2	Riverine, Local	City of Olney	City of Olney	No	\$10,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000546	City of Olney Maintain Natural Vegetation in Channels	Control erosion of banks to preserve channelization.	08000009	Young	1206020101	08000001	Other	2	Riverine	City of Olney	City of Olney	No	\$3,000,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000548	City of Olney Flood Proof Sewage Treatment Plan	Establish evacuation routes to expedite public response to flood events.	08000012	Young	1206020101	08000001	Infrastructure Projects	2	Riverine, Local	City of Olney	City of Olney	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000550	City of Olney Open Space Preservation Program	Preserve and create more open space to naturally store and discharge flood waters.	08000009	Young	1206020101	08000001	Other	2	Riverine	City of Olney	City of Olney	No	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000554	Robertson County Portable Flood Pumps	Purchase portable flood pumps to be used where most needed in flood events.	08000009	Robertson	1207010103, 1207010105, 1207010106, 1207010305, 1207010302, 1207010303, 1207010304	08000005, 08000007	Other	862	Riverine, Local	Robertson County	Robertson County	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000557	City of Bremond Portable Flood Pumps	Purchase portable flood pumps to be used where most needed in flood events.	08000009	Robertson	1207010103, 1207010105	08000005	Other	1	Riverine, Local	City of Bremond	City of Bremond	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000561	City of Calvert Portable Flood Pumps	Purchase portable flood pumps to be used where most needed in flood events.	08000009	Robertson	1207010106	08000005	Other	4	Riverine, Local	City of Calvert	City of Calvert	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits									
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations				
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurances	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082000498	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000507	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000511	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000516	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000519	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000521	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes	081000518		
082000522	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	No			
082000529	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes	81000534		
082000530	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000537	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	Yes		082000546, 082000550	
082000543	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000546	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	Yes		082000537, 082000550	
082000548	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000550	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	Yes		082000537, 082000546	
082000554	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000557, 082000561, 082000565, 082000569	
082000557	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000554	
082000561	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000554	

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082000565	City of Franklin Portable Flood Pumps	Purchase portable flood pumps to be used where most needed in flood events.	08000009	Robertson	1207010106, 1207010305, 1207010304	08000005, 08000007	Other	1	Riverine, Local	City of Franklin	City of Franklin	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000569	City of Hearne Portable Flood Pumps	Purchase portable flood pumps to be used where most needed in flood events.	08000009	Robertson	1207010106	08000005	Other	4	Riverine, Local	City of Hearne	City of Hearne	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000570	Somervell County Low Water Crossings Mitigation	Improve low water crossings to reduce flooding.	08000007	Somervell	1206020113, 1206020203, 1206020201, 1206020403	08000001, 08000002, 08000004	Infrastructure Projects	191	Riverine, Local	Somervell County	Somervell County	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000575	City of Glen Rose Mitigate Low Water Crossings	Improve low water crossings to reduce flooding.	08000007	Somervell	1206020201	08000002	Infrastructure Projects	4	Riverine, Local	City of Glen Rose	City of Glen Rose	No	\$250,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000592	High Water Barricades on Meyersville Rd	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Washington	1207010108, 1207010109, 1207010203, 1207010205, 1207010401, 1207010402	08000005, 08000006, 08000013	Other	616	Riverine, Local	Washington County	Washington County	No	\$100,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000593	High Water Barricades on County Roads	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Washington	1207010108, 1207010109, 1207010203, 1207010205, 1207010401, 1207010402	08000005, 08000006, 08000013	Other	616	Riverine, Local	Washington County	Washington County	No	\$30,000	\$3,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000594	High Water Barricades on Winedale Road	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Washington	1207010108, 1207010109, 1207010203, 1207010205, 1207010401, 1207010402	08000005, 08000006, 08000013	Other	616	Riverine, Local	Washington County	Washington County	No	\$100,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000595	High Water Barricades on Jeske Road	Implementation of signage/ barricades to notify public of areas prone to flood risk.	08000019	Washington	1207010108, 1207010109, 1207010203, 1207010205, 1207010401, 1207010402	08000005, 08000006, 08000013	Other	616	Riverine, Local	Washington County	Washington County	No	\$100,000	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000599	City of Brenham Low Water Crossing Improvements	Drainage feature improvements to increase capacity and ensure they are within standards.	08000009	Washington	1207010109, 1207010402	08000005, 08000013	Infrastructure Projects	13	Riverine, Local	City of Brenham	City of Brenham	No	\$2,000,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000631	Fort Bend County Early Flood Warning System	Installation of a flood monitoring system.	08000015	Fort Bend	1207010404, 1207010405, 1207010403, 1204020503, 1204020501, 1204020502	08000013, 08000014	Flood Measurement and Warning	625	Riverine, Local	Fort Bend County	Fort Bend County Drainage District, Fort Bend County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000645	Williamson County Early Flood Warning System	Installation of a flood monitoring system.	08000016	Williamson	1207010201, 1207020305, 1207020304, 1207020401, 1207020501, 1207020502, 1207020503, 1207020504, 1207020505	08000006, 08000010, 08000011, 08000012	Flood Measurement and Warning	1,120	Riverine, Local	Williamson County	Williamson County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000857	Project Brazos	Stabilization efforts for 11 identified locations along the Brazos River throughout Fort Bend County	08000009	Fort Bend	1207010404, 1207010405, 1207010403, 1204020503, 1204020501, 1204020502	08000013, 08000014	Infrastructure Projects	625	Riverine	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	No	\$360,000,000	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits									
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations				
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082000565	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000554	
082000569	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000554	
082000570	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	Yes	N/A	No	Yes	081000579, 081001196, 081000572	082000575	
082000575	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	Yes	N/A	No	Yes	081000579, 081001196, 081000572	082000570	
082000592	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000595, 082000593, 082000594	
082000593	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000595, 082000592, 082000594	
082000594	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000595, 082000592, 082000593	
082000595	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082000593, 082000592, 082000594	
082000599	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	Yes	N/A	No	Yes	081001204		
082000631	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000645	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082000857	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	50%	No	N/A	No	Yes	081000633		

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082000928	City of Georgetown Lift Station Floodproofing	Flood proof city lift stations and manholes located in the SFHA.	08000012	Williamson	1207020501, 1207020502, 1207020503, 1207020504, 1207020505	08000012	Infrastructure Projects	59	Riverine, Local	City of Georgetown	City of Georgetown	No	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082000933	City of Hutto Acquire Flood Prone Land	Dedicate acquired, undeveloped land to open space areas to prevent development.	08000009	Williamson	1207020504	08000012	Other	12	Riverine, Local	City of Hutto	City of Hutto	No	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, TWDB CWSRF, FEMA BRIC, FEMA FMA
082000938	City of Leander Automated Barriers	Install low water crossing automated barriers and warning signs.	08000007	Williamson	1207020501, 1207020502, 1207020504	08000012	Other	28	Riverine, Local	City of Leander	City of Leander	No	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA
082001024	City of Bryan Channel Maintenance Program Funding	Clearing of channels throughout the City to remove vegetation inhibiting the channels capacity.	08000003	Brazos	1207010107, 1207010306, 1207010307	08000005, 08000007	Infrastructure Projects	45	Riverine	City of Bryan	City of Bryan	No	-	-	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA
082001071	Austin County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Austin	1207010401, 1207010402, 1207010403	08000013	Regulatory and Guidance	502	Riverine, Local	Austin County	Austin County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001073	Bell County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Bell	1207010101, 1207010104, 1207020110, 1207020111, 1207020203, 1207020305, 1207020304, 1207020401, 1207020402, 1207020505	08000005, 08000008, 08000009, 08000010, 08000011, 08000012	Regulatory and Guidance	1,083	Riverine, Local	Bell County	Bell County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001074	Bosque County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Bosque	1206020206, 1206020203, 1206020204, 1206020201, 1206020301, 1206020302, 1206020402, 1206020403, 1206020404	08000002, 08000003, 08000004	Regulatory and Guidance	998	Riverine, Local	Bosque County	Bosque County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001076	Brazos County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Brazos	1207010106, 1207010107, 1207010108, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000007	Regulatory and Guidance	589	Riverine, Local	Brazos County	Brazos County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001078	Burleson County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Burleson	1207010106, 1207010107, 1207010202, 1207010203, 1207010204, 1207010205	08000005, 08000006	Regulatory and Guidance	674	Riverine, Local	Burleson County	Burleson County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001081	Comanche County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Comanche	1207020102, 1207020103, 1207020104, 1207020105, 1207020106, 1207020201	08000008, 08000009	Regulatory and Guidance	914	Riverine, Local	Comanche County	Comanche County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits										
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations					
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association		
082000928	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082000933	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	100%	No	N/A	No	Yes		082001136		
082000938	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001024	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001071	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001073	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001074	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001076	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001078	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001081	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001082	Coryell County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Coryell	1206020301, 1206020302, 1206020303, 1206020404, 1207020109, 1207020108, 1207020110, 1207020111, 1207020201, 1207020202, 1207020203, 1207020305, 1207020301, 1207020303	08000003, 08000004, 08000008, 08000009, 08000010	Regulatory and Guidance	1,052	Riverine, Local	Coryell County	Coryell County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001083	Eastland County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Eastland	1206020108, 1207020101, 1207020102, 1207020103, 1207020104	08000001, 08000008	Regulatory and Guidance	767	Riverine, Local	Eastland County	Eastland County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001084	Erath County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Erath	1206020108, 1206020109, 1206020111, 1206020201, 1206020401, 1206020402, 1206020403, 1207020102, 1207020104, 1207020105, 1207020106	08000001, 08000002, 08000004, 08000008	Regulatory and Guidance	1,085	Riverine, Local	Erath County	Erath County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001085	Falls County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Falls	1207010103, 1207010101, 1207010102, 1207010104, 1207010105, 1207020403, 1207020402	08000002, 08000005, 08000011	Regulatory and Guidance	771	Riverine, Local	Falls County	Falls County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001090	Grimes County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Grimes	1207010108, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000007	Regulatory and Guidance	464	Riverine, Local	Grimes County	Grimes County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001091	Hamilton County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Hamilton	1206020302, 1206020402, 1206020403, 1206020404, 1207020105, 1207020106, 1207020107, 1207020108, 1207020201, 1207020301	08000003, 08000004, 08000008, 08000009, 08000010	Regulatory and Guidance	833	Riverine, Local	Hamilton County	Hamilton County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001092	Hill County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Hill	1206020206, 1206020207, 1206020203, 1206020204, 1206020205, 1206020202, 1207010301	08000002, 08000007	Regulatory and Guidance	661	Riverine, Local	Hill County	Hill County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits									
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations				
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082001082	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001083	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001084	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001085	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001090	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001091	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001092	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001093	Hood County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Hood	1206020111, 1206020112, 1206020113, 1206020201	08000001, 08000002	Regulatory and Guidance	432	Riverine, Local	Hood County	Hood County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001095	Johnson County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Johnson	1206020113, 1206020203, 1206020205, 1206020202	08000001, 08000002	Regulatory and Guidance	369	Riverine, Local	Johnson County	Johnson County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001096	Lampasas County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Lampasas	1207020202, 1207020203, 1207020305, 1207020302, 1207020301, 1207020303	08000009, 08000010	Regulatory and Guidance	564	Riverine, Local	Lampasas County	Lampasas County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001097	Lee County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Lee	1207010201, 1207010202, 1207010203	08000006	Regulatory and Guidance	530	Riverine, Local	Lee County	Lee County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001099	Limestone County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Limestone	1206020207, 1207010103, 1207010102, 1207010105, 1207010301, 1207010302, 1207010303, 1207010304	08000002, 08000005, 08000007	Regulatory and Guidance	830	Riverine, Local	Limestone County	Limestone County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001101	McLennan County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	McLennan	1206020206, 1206020207, 1206020208, 1206020205, 1206020301, 1206020302, 1206020303, 1206020404, 1207010101, 1207010102, 1207020110, 1207020402	08000002, 08000003, 08000004, 08000005, 08000008, 08000011	Regulatory and Guidance	1,056	Riverine, Local	McLennan County	McLennan County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001102	Milam County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Milam	1207010103, 1207010104, 1207010105, 1207010106, 1207010201, 1207010202, 1207010204, 1207020403, 1207020401, 1207020402, 1207020504, 1207020505	08000005, 08000006, 08000011, 08000012	Regulatory and Guidance	1,018	Riverine, Local	Milam County	Milam County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits										
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations					
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association		
082001093	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001095	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001096	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001097	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001099	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001101	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001102	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001104	Palo Pinto County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Palo Pinto	1206020102, 1206020103, 1206020104, 1206020105, 1206020106, 1206020107, 1206020108, 1206020109, 1206020110, 1206020111	08000001	Regulatory and Guidance	982	Riverine, Local	Palo Pinto County	Palo Pinto County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001106	Robertson County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Robertson	1207010103, 1207010105, 1207010106, 1207010305, 1207010302, 1207010303, 1207010304	08000005, 08000007	Regulatory and Guidance	862	Riverine, Local	Robertson County	Robertson County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001107	Somervell County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Somervell	1206020113, 1206020203, 1206020201, 1206020403	08000001, 08000002, 08000004	Regulatory and Guidance	191	Riverine, Local	Somervell County	Somervell County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001109	Waller County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Waller	1207010108, 1207010109, 1207010401, 1207010402, 1207010403	08000005, 08000013, 08000014	Regulatory and Guidance	321	Riverine, Local	Waller County	Waller County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001110	Washington County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Washington	1207010108, 1207010109, 1207010203, 1207010205, 1207010401, 1207010402	08000005, 08000006, 08000013	Regulatory and Guidance	616	Riverine, Local	Washington County	Washington County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001111	Williamson County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Williamson	1207010201, 1207020305, 1207020304, 1207020401, 1207020501, 1207020502, 1207020503, 1207020504, 1207020505	08000006, 08000010, 08000011, 08000012	Regulatory and Guidance	1,120	Riverine, Local	Williamson County	Williamson County	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001112	Young County Regulatory Updates	Update floodplain ordinances/subdivision regulations and drainage criteria to implement the latest rainfall data and recommended regional standards.	08000003	Young	1206020101, 1206020102, 1206020105	08000001	Regulatory and Guidance	402	Riverine, Local	Young County	Young County	No	\$400,000	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001113	City of College Station Early Flood Warning System	Implement system to monitor flood waters, notify public officials of flooded roadways, and trigger automatic warnings for road users.	08000019	Brazos	1207010107, 1207010307	08000005, 08000007	Flood Measurement and Warning	51	Riverine	City of College Station	City of College Station	No	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001114	City of Bryan Early Flood Warning System	Implement system to monitor flood waters.	08000019	Brazos	1207010107, 1207010306, 1207010307	08000005, 08000007	Flood Measurement and Warning	45	Riverine	City of Bryan	City of Bryan	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits									
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations				
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082001104	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001106	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001107	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001109	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001110	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001111	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001112	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001114	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001116	Bell Early Flood Warning System	Acquire and install early warning system for dam failure.	08000019	Bell	1207010101, 1207010104, 1207020110, 1207020111, 1207020203, 1207020305, 1207020304, 1207020401, 1207020402, 1207020505	08000005, 08000008, 08000009, 08000010, 08000011, 08000012	Flood Measurement and Warning	1,083	Riverine	Bell County	Bell County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001118	Bosque Early Flood Warning System	Identify sites where stream and rain gages need to be added or upgraded.	08000019	Bosque	1206020206, 1206020203, 1206020204, 1206020201, 1206020301, 1206020302, 1206020402, 1206020403, 1206020404	08000002, 08000003, 08000004	Flood Measurement and Warning	998	Riverine	Bosque County	Bosque County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001119	Comanche Early Flood Warning System	Install early warning system for flood hazard events.	08000019	Comanche	1207020102, 1207020103, 1207020104, 1207020105, 1207020106, 1207020201	08000008, 08000009	Flood Measurement and Warning	914	Riverine	Comanche County	Comanche County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001120	Erath Early Flood Warning System	Implement a mass notification system to provide flood warnings to residents.	08000019	Erath	1206020108, 1206020109, 1206020111, 1206020201, 1206020401, 1206020402, 1206020403, 1207020102, 1207020104, 1207020105, 1207020106	08000001, 08000002, 08000004, 08000008	Flood Measurement and Warning	1,085	Riverine	Erath County	Erath County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001121	Hamilton Early Flood Warning System	Install flood gages in flood prone areas.	08000019	Hamilton	1206020302, 1206020402, 1206020403, 1206020404, 1207020105, 1207020106, 1207020107, 1207020108, 1207020201, 1207020301	08000003, 08000004, 08000008, 08000009, 08000010	Flood Measurement and Warning	833	Riverine	Hamilton County	Hamilton County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001122	McLennan Early Flood Warning System	Implement system to monitor flood waters.	08000019	McLennan	1206020206, 1206020207, 1206020208, 1206020205, 1206020301, 1206020302, 1206020303, 1206020404, 1207010101, 1207010102, 1207020110, 1207020402	08000002, 08000003, 08000004, 08000005, 08000008, 08000011	Flood Measurement and Warning	1,056	Riverine	McLennan County	McLennan County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits									
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations				
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurances	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082001116	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001118	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001119	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001120	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001121	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001122	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001123	Waller Early Flood Warning System	Install flood gages to monitor flood waters.	08000019	Waller	1207010108, 1207010109, 1207010401, 1207010402, 1207010403	08000005, 08000013, 08000014	Flood Measurement and Warning	321	Riverine	Waller County	Waller County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001124	Regional Public Awareness Program	Increase awareness of flood risk and hazards.	08000020	All		08000001, 08000002, 08000003, 08000004, 08000005, 08000006, 08000007, 08000008, 08000009, 08000010, 08000011, 08000012, 08000013, 08000014	Education and Outreach	23,357	Riverine, Local	Lower Brazos Regional Flood Planning Group	All Counties	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001125	Brazos Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Brazos	1207010106, 1207010107, 1207010108, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000007	Property Acquisition and Structural Elevation	589	Riverine, Local	Brazos County	Brazos County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001126	Bell Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Bell	1207010101, 1207010104, 1207020110, 1207020111, 1207020203, 1207020305, 1207020304, 1207020401, 1207020402, 1207020505	08000005, 08000008, 08000009, 08000010, 08000011, 08000012	Property Acquisition and Structural Elevation	1,083	Riverine, Local	Bell County	Bell County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001127	Grimes Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Grimes	1207010108, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000007	Property Acquisition and Structural Elevation	464	Riverine, Local	Grimes County	Grimes County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001128	Hill Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Hill	1206020206, 1206020207, 1206020203, 1206020204, 1206020205, 1206020202, 1207010301	08000002, 08000007	Property Acquisition and Structural Elevation	661	Riverine, Local	Hill County	Hill County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001129	Lee Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Lee	1207010201, 1207010202, 1207010203	08000006	Property Acquisition and Structural Elevation	530	Riverine, Local	Lee County	Lee County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits											
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations						
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association			
082001123	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					
082001124	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					
082001125	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes	081000706, 081000718, 081000716, 081001004, 081000693, 081000689,	082001139, 082001140			
082001126	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					
082001127	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					
082001128	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					
082001129	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No					

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001130	McLennan Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	McLennan	1206020206, 1206020207, 1206020208, 1206020205, 1206020301, 1206020302, 1206020303, 1206020404, 1207010101, 1207010102, 1207020110, 1207020402	08000002, 08000003, 08000004, 08000005, 08000008, 08000011	Property Acquisition and Structural Elevation	1,056	Riverine, Local	McLennan County	McLennan County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001131	Waller Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Waller	1207010108, 1207010109, 1207010401, 1207010402, 1207010403	08000005, 08000013, 08000014	Property Acquisition and Structural Elevation	321	Riverine, Local	Waller County	Waller County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001132	Washington Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Washington	1207010108, 1207010109, 1207010203, 1207010205, 1207010401, 1207010402	08000005, 08000006, 08000013	Property Acquisition and Structural Elevation	616	Riverine, Local	Washington County	Washington County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001134	Lee Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Lee	1207010201, 1207010202, 1207010203	08000006	Property Acquisition and Structural Elevation	530	Riverine, Local	Lee County	Lee County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001135	Burleson Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Burleson	1207010106, 1207010107, 1207010202, 1207010203, 1207010204, 1207010205	08000005, 08000006	Property Acquisition and Structural Elevation	674	Riverine, Local	Burleson County	Burleson County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001136	Williamson Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Williamson	1207010201, 1207020305, 1207020304, 1207020401, 1207020501, 1207020502, 1207020503, 1207020504, 1207020505	08000006, 08000010, 08000011, 08000012	Property Acquisition and Structural Elevation	1,120	Riverine, Local	Williamson County	Williamson County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001137	Young Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Young	1206020101, 1206020102, 1206020105	08000001	Property Acquisition and Structural Elevation	402	Riverine, Local	Young County	Young County	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001139	City of Bryan Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Brazos	1207010107, 1207010306, 1207010307	08000005, 08000007	Property Acquisition and Structural Elevation	45	Riverine, Local	City of Bryan	City of Bryan	No	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001140	City of College Station Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Brazos	1207010107, 1207010307	08000005, 08000007	Property Acquisition and Structural Elevation	51	Riverine, Local	City of College Station	City of College Station	No	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

	Flood Risk Information																					Other Benefits									
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations				
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082001130	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes	081000884	082001143	
082001131	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001132	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001134	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001135	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001136	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes		082001141, 082000933, 082001142	
082001137	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001139	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes	081000706, 081000718, 081000716, 081001004, 081000693, 081000689, 081001002, 081001005	082001125, 08200140	
082001140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes	081000706	082001125, 082001139	

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001141	City of Georgetown Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Williamson	1207020501, 1207020502, 1207020503, 1207020504, 1207020505	08000012	Property Acquisition and Structural Elevation	48	Riverine, Local	City of Georgetown	City of Georgetown	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001142	City of Leander Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Williamson	1207020501, 1207020502, 1207020504	08000012	Property Acquisition and Structural Elevation	21	Riverine, Local	City of Leander	City of Leander	No	-	-	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001143	City of Waco Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	McLennan	1206020206, 1206020207, 1206020208, 1206020301, 1206020302, 1206020303, 1206020404, 1207010101	08000002, 08000003, 08000004, 08000005	Property Acquisition and Structural Elevation	100	Riverine, Local	City of Waco	City of Waco	No	\$1,400,000	\$1,400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001304	Lower Brazos Additional Gauges	Final assessment of placement and constructability of recommended gauges from preliminary analysis. Coordination between entities to integrate gauges into USGS system.	08000020	All		08000001, 08000002, 08000003, 08000004, 08000005, 08000006, 08000007, 08000008, 08000009, 08000010, 08000011, 08000012, 08000013, 08000014	Flood Measurement and Warning	23,357	Riverine, Local	Lower Brazos Regional Flood Planning Group	All Counties	No	\$150,000	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001305	Lower Brazos Flood Warning Portal	Development of interface to incorporate regional and local data system information for public use in the Lower Brazos Region.	08000020	All		08000001, 08000002, 08000003, 08000004, 08000005, 08000006, 08000007, 08000008, 08000009, 08000010, 08000011, 08000012, 08000013, 08000014	Flood Measurement and Warning	23,357	Riverine, Local	Lower Brazos Regional Flood Planning Group	All Counties	No	\$200,000	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001306	EWS Implementation Study and Installation Gages and Repeater	Study to determine optimal placement of gages and repeater within the County. Includes coordination with Harris County Flood Control District to integrate proposed gages into their early flood warning system.	08000016	Grimes	1207010108, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000007	Flood Measurement and Warning	799	Riverine	Grimes County	Grimes County	No	\$200,000	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001307	Grimes County Property Acquisition	Property acquisition program for structures located in Zone A areas, areas of known flooding, and dam inundation areas to prevent repetitive losses.	08000009	Grimes	1207010108, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000007	Infrastructure Projects	799	Riverine	Grimes County	Grimes County	No	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits										
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations					
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSs, and FMPs	FME Association	FMS Association	FMP Association		
082001141	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes			082001136	
082001142	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes			082001136	
082001143	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes	081000884		082001130	
082001304	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001305	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001306	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001307	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001308	City of Killeen Flood-Prone/Repetitive Loss Properties	Acquire homes and properties in flood-prone areas to reduce loss of property and life in the event of a flood. This project will contribute to the elimination of flood risk damages to high-risk structures and prevent future losses in flood hazard areas.	08000009	Bell, Coryell	1207020111, 1207020203, 1207020305, 1207020304	08000008, 08000009, 08000010	Property Acquisition and Structural Elevation	55	Riverine	City of Killeen	City of Killeen	No	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001309	Brazos County Drainage Criteria Manual Development	Creation and adoption of a county drainage criteria manual.	08000001, 08000003	Brazos	1207010106, 1207010107, 1207010108, 1207010205, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000006, 08000007	Regulatory and Guidance	588	Riverine	Brazos County	Brazos County	No	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001310	Brazos County Early Flood Warning System	Development of an early flood warning system for Brazos County including identification of potential gauge placements, development of any necessary software and GUI to monitor risk at gauged locations, and incorporation with County's existing systems.	08000016	Brazos	1207010106, 1207010107, 1207010108, 1207010205, 1207010305, 1207010306, 1207010307, 1207010308	08000005, 08000006, 08000007	Flood Measurement and Warning	588	Riverine	Brazos County	Brazos County	No	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001311	Regrading and Clear Out of College Station Creeks	Assessment and performance of potential impacts and benefits associated with the recovery of creek capacity through sedimentation removal and similar efforts.	08000009	Brazos	1207010107, 1207010307	08000005, 08000007	Infrastructure Projects	51	Riverine	City of College Station	City of College Station	No	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001312	College Station Drainage Criteria Update	Update to reflect latest data, industry practices, and technology advancements. Including a detailed assessment of the functionality of existing detention facilities in the city and any potential improvements to the regulation of detention pond design.	08000001, 08000003	Brazos	1207010107, 1207010307	08000005, 08000007	Regulatory and Guidance	51	Riverine	City of College Station	City of College Station	No	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001313	City of Killeen Stream Gauge Installation - Emergency Management	Install stream gauges at multiple locations along the Little Nolan and South Nolan Creeks. Gauges would be used to monitor water levels and start the development of a city-wide flood alert system to assist emergency management decisions.	08000016	Bell, Coryell	1207020110, 1207020111, 1207020203, 1207020305	08000008, 08000009, 08000010	Flood Measurement and Warning	113	Riverine	City of Killeen	City of Killeen	No	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001314	Cedar Park Drainage Infrastructure Assessment	City-wide inventory and assessment of drainage related infrastructure.	08000013	Travis, Williamson	1207020504	08000012	Other	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001315	Cedar Park Property Acquisition	Property acquisition program with a prioritization of residential structures in the FEMA regulatory floodway and floodplain.	08000009	Travis, Williamson	1207020504	08000012	Property Acquisition and Structural Elevation	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001316	Cedar Park Drainage Criteria Manual	Creation and adoption of a draiange criteria manual for the City of Cedar Park.	08000001, 08000003	Travis, Williamson	1207020504	08000012	Regulatory and Guidance	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001317	Cedar Park Outreach and Education Program	Development of interactive stormwater models and virtual education programs to inform public of flood related risk.	08000019	Travis, Williamson	1207020504	08000012	Education and Outreach	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits										
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations					
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSs, and FMPs	FME Association	FMS Association	FMP Association		
082001308	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001309	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001310	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	Yes				082001325
082001311	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001312	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001313	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001314	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001315	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001316	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				
082001317	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No				

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

General Information															
FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC 10s	Watersheds	Strategy Type	Strategy Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Strategy Cost (\$)	Non-Recurring, Non-Capital Costs (\$)	Potential Funding Sources and Amount
082001318	Cedar Park Early Flood Warning System	Development of an early flood warning system for City of Cedar Park including identification of potential gauge placements, development of necessary software and GUI to monitor risk at gauged locations, and incorporation with existing systems.	08000016	Travis, Williamson	1207020504	08000012	Flood Measurement and Warning	26	Riverine	City of Cedar Park	City of Cedar Park	No	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001319	City of Round Rock Regional Stormwater Management Program Fee Study	Develop a fee calculation method to correlate pond construction and land costs with development impervious cover and land area. Develop recommendations for cost indices to update the fees on an annual basis in the City's Annual Fee Ordinance.	08000001, 08000003	Travis, Williamson	1207020504, 1207020505	08000012	Regulatory and Guidance	38	Riverine	City of Round Rock	City of Round Rock	No	\$250,000	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001320	Community Rating System Application	Prepare and submit City's CRS application.	08000001, 08000003	McLennan	1206020206, 1206020207, 1206020208, 1206020301, 1206020302, 1206020303, 1206020404, 1207010101	08000002, 08000003, 08000004, 08000005	Regulatory and Guidance	101	Riverine	City of Waco	City of Waco	No	\$300,000	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001321	Open Channel System Inventory and Assessment	Map, catalog and assess the City's open channel systems to assist creation of a recurring open channel maintenance plan.	08000013	McLennan	1206020206, 1206020207, 1206020208, 1206020301, 1206020302, 1206020303, 1206020404, 1207010101	08000002, 08000003, 08000004, 08000005	Infrastructure Projects	101	Riverine	City of Waco	City of Waco	No	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001322	Ordinance Development for a Voluntary Buyout Program	Ordinance creation to establish a Voluntary Buyout Program.	08000009	McLennan	1206020206, 1206020207, 1206020208, 1206020301, 1206020302, 1206020303, 1206020404, 1207010101	08000002, 08000003, 08000004, 08000005	Regulatory and Guidance	101	Riverine	City of Waco	City of Waco	No	\$150,000	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001323	Williamson County Drainage Criteria Manual	Update of the County drainage criteria manual, including an assessment of guidelines pertaining to regional detention.	08000001, 08000003	Williamson	1207010201, 1207020305, 1207020304, 1207020401, 1207020501, 1207020502, 1207020503, 1207020504, 1207020505	08000006, 08000010, 08000011, 08000012	Regulatory and Guidance	1,131	Riverine	Williamson County	Williamson County	No	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001324	Urban Storm System Assessment and Mapping	Assessment (includes cleaning and CCTV video) of the City's downtown urban storm system will allow evaluation and prioritization of storm infrastructure needs.	08000013	McLennan	1206020208	08000002	Infrastructure Projects	1	Riverine	City of Waco	City of Waco	No	\$1,800,000	\$1,800,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT
082001325	City of Bryan - Flood Early Warning System ("B-FEWS") Phase 2	Gauging improvements and upgrades (software and hardware) to the existing flood early warning system with the potential for additional sensors in newly identified areas of need.	08000016	Brazos	1207010106, 1207010107, 1207010306, 1207010307	08000005, 08000007	Flood Measurement and Warning	54	Riverine	City of Bryan	City of Bryan	No	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT

TWBD Table 14 -
Potentially Feasible Flood Management Strategy

	Flood Risk Information																					Other Benefits									
FMS ID	Flood Risk										Reduction in Flood Risk											Other Benefits					FMX Associations				
	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year	Estimated Reduction in Road Closure Occurrences	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Active Farm & Ranch Land Removed from 100-year Flood	Estimated Reduction in Fatalities (if available)	Estimated Reduction in Injuries (if available)	Cost/ Structure Removed	Consideration of Nature-Based Solution	Negative Impact	Negative Impact Mitigation	Water Supply Benefit	Association with other FMEs, FMSS, and FMPs	FME Association	FMS Association	FMP Association	
082001318	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001319	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001321	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001322	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001323	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001324	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			
082001325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0%	No	N/A	No	No			

TWDB Table 15 -
Recommended Flood Management Evaluations

TWDB Table 15 - Flood Management Evaluations Recommended by RFPG																				
General Information											Flood Risk Information								Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081000041	Fulshear Lakes Drainage Improvements	Design of drainage infrastructure to mitigate flooding in Fulshear Lake development.	08000009	Fort Bend	Feasibility Assessment	1.0	Riverine	City of Fulshear	\$151,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	68.8	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000042	Lea/Penn and Red Bird Lane Improvements	Design of diversion channel and road construction to reduce flooding and provide access to neighborhoods.	08000009	Fort Bend	Preliminary Engineering	14.0	Riverine Local	City of Fulshear	\$262,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	80	47	141	0	0	1.6	9	1,414.1	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000044	Sienna South Levee System Drainage	Design of lake and channel modifications to mitigate development in the area.	08000009	Fort Bend	Feasibility Assessment	10.6	Riverine Local	Sienna Plantation LID	\$320,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	3.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000045	Sienna North Levee System Drainage	Design of channel improvements to mitigate flow caused by increased development.	08000009	Fort Bend	Feasibility Assessment	4.4	Riverine	Sienna Plantation LID	\$236,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	1	1.7	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000047	Sugar Creek Drainage Improvements	Design of storm drain updates throughout neighborhood.	08000009	Fort Bend	Preliminary Engineering	42.8	Riverine	City of Sugar Land	\$388,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000048	Covington Woods Jess Pirtle Bridge Channel Improvements	Determination of necessary repairs to ditch A-22 channel flow line	08000009	Fort Bend	Preliminary Engineering	34.6	Riverine Local	City of Sugar Land	\$111,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,300	1,205	4,489	2	0	19.3	143	1,142.7	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000057	Chimneystone, Austin, and Settlers Parks Improvements Phase II	Design of new concrete channel and storm drain improvements.	08000009	Fort Bend	Preliminary Engineering	1.1	Riverine Local	City of Sugar Land	\$288,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000058	Sugar Lakes Drainage Improvements	Determination of necessary storm drain improvements and lake control structure modifications.	08000009	Fort Bend	Preliminary Engineering	34.6	Local	City of Sugar Land	\$348,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,300	1,205	4,489	2	0	19.3	143	1,142.7	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000060	Sugar Creek Regional Detention	Update design to account for Atlas 14 rainfall.	08000009	Fort Bend	H&H Modeling	42.8	Local	City of Sugar Land	\$300,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000061	Sugar Land Business Park Regional Detention	Update design to account for Atlas 14 rainfall.	08000009	Fort Bend	H&H Modeling	16.4	Local	City of Sugar Land	\$300,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	195	144	726	2	0	12.6	77	856.7	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000075	Sugar Land MDP - Master Drainage Plan Updates	Review comprehensive plan goals, update detention facility ownership and assets, consider funding mechanisms, evaluate ranking criteria.	08000014	Fort Bend	Drainage Master Plan	42.8	Riverine Local	City of Sugar Land	\$534,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000091	Sugar Land Citywide Flood Prevention & Drainage Studies	Study to determine how to replace B-B inlets with C-2 or H2 inlets in areas of ponding and structural risk.	08000014	Fort Bend	Preliminary Engineering	42.8	Riverine Coastal Local	City of Sugar Land	\$219,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687.2	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information								Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081000226	Bee Creek Basin Detention Pond	Design of detention facility to contain and mitigate flooding.	08000009	Brazos	Preliminary Engineering	8.8	Riverine Local	City of College Station	\$111,000	Local, TWDB FIF, FEMA FMA	66	47	217	1	8	2.1	19	75.1	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000228	City of Bryan Flood Study	~~Develop study to determine/ address flood risk.~~ Perform study to determine and address flood risk throughout the City.	08000014	Brazos	Drainage Master Plan	54.0	Riverine Local	City of Bryan	\$584,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	885	677	2,216	3	33	17.0	163	508.6	No Yes	No official sponsor approval Provided by sponsor and is in line with TWDB requirements.
081000233	Dam Failure Analysis for Bryan Utilities Lake	An Emergency Action Plan (EAP) was created for the Bryan Utilities Lake Dam. The EAP contains information on who will be notified in the case of a dam failure.	08000014	Brazos	Study on Flood Preparedness	21.6	Riverine	Brazos County	\$136,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	7	6	3	0	1	1.6	4	969.3	No Yes	No official sponsor approval Provided by sponsor and is in line with TWDB requirements.
081000646	Briar Creek Improvements	Channel and crossing improvements along Briar Creek and Red River Trib to increase capacity of hydraulic infrastructure.	08000014	Brazos	Preliminary Engineering	2.8	Riverine	City of Bryan	\$364,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	100	93	191	0	5	1.9	15	7.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000657	Briarcreek Court Flooding	Study to determine source and mitigation for flooding in the subdivision.	08000014	Brazos	Preliminary Engineering	1.1	Local	City of Bryan	\$83,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	77	73	160	0	2	1.0	9	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000663	Burton Creek Crossings	Update design to account for Atlas 14 rainfall.	08000006	Brazos	H&H Modeling	4.7	Riverine	City of Bryan	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	276	224	1,179	1	5	2.8	36	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000669	Burton Creek Trib C Improvements	2-9'x5' box culverts are needed to replace the existing culverts in order to convey the 50-year storm event per the TxDOT design requirement. Channel widening and re-grading may be necessary to mitigate any adverse impacts. Detailed design for the 100-y*	08000009	Brazos	H&H Modeling	1.3	Riverine	City of Bryan	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	20	20	49	0	0	0.2	1	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000671	Tract North of Carson Crossing	Channel and crossing improvements along Trib D feeding into County Club Lake.	08000014	Brazos	Preliminary Engineering	1.9	Riverine	City of Bryan	\$214,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	72	30	167	1	4	1.5	11	0.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000678	Burton Creek Main Stem Improvements	Channel and crossing improvements along Burton Creek mainstem from SH 6 to S Coulter Dr.	08000014	Brazos	Preliminary Engineering	6.6	Riverine	City of Bryan	\$514,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	348	254	1,235	2	9	4.3	47	0.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000686	Oakridge Drive and Barak Lake	Study to determine storm sewer needed to mitigate flooding in subdivision.	08000014	Brazos	Preliminary Engineering	1.1	Local	City of Bryan	\$129,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	76	38	730	1	0	0.2	7	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000690	Burton Creek Trib 5 Mitigation	Design of erosion control and channel improvements for Trib 5 of Burton Creek.	08000014	Brazos	Preliminary Engineering	3.1	Riverine	City of Bryan	\$194,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	159	105	838	1	4	1.8	18	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information								Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081000706	Briar Oaks Drive Storm Sewer Improvements	Update design to account for Atlas 14 rainfall.	08000006	Brazos	H&H Modeling	1.1	Local	City of Bryan	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	76	38	730	1	0	0.3	7	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000716	Pecan Ridge Subdivision Flooding	Masterplan to determine source of flooding and identify potential solutions.	08000014	Brazos	Preliminary Engineering	2.9	Local	City of Bryan	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	88	84	383	0	0	1.0	14	20.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000717	Old Reliance Road Overtopping	Study to determine design of culvert improvements.	08000014	Brazos	Preliminary Engineering	5.5	Local	City of Bryan	\$51,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	130	119	397	0	2	1.4	18	90.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000718	Castle Heights Subdivision Flooding	Study to determine necessary detention, storm sewer, and other drainage improvements for Castle Heights subdivision.	08000014	Brazos	Preliminary Engineering	1.6	Local	City of Bryan	\$221,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	39	31.0	11	0	0	0.21264	6	64.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000719	Carter's Creek Trib B Improvements	Study to design culvert improvements along Carter's Creek Trib B.	08000014	Brazos	Preliminary Engineering	3.1	Riverine	City of Bryan	\$127,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	32	25.0	32	0	4	1.88701	22	2.7	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000779	Stewart Ditch Channel Repair and Improvements	~~Channel improvements.~~ Study to design channel improvements along Stewart Ditch.	08000009	Bell	Preliminary Engineering	2.1	Riverine Local	City of Killeen	\$67,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	158	135	468	1	8	1.8	20	2.8	No Yes	No official sponsor approval Provided by sponsor and is in line with TWDB requirements.
081000785	Andrus Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	H&H Modeling	5.3	Riverine Local	Fort Bend County	\$300,000	Local, FEMA FMA, HUD CDBG-MIT	149	107.0	137	0	0	0.81	8	271.7	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000875	~~Mary Avenue Diversion~~ Waco Creek Diversion Tunnel	~~Diversion channel to redirect water away from Mary Avenue.~~ Addition of a diversion culvert to reroute flow from Waco Creek to the Brazos River. Additional improvements to existing diversion tunnels and crossings.	08000009	McLennan	Preliminary Engineering	15.0	Riverine Local	City of Waco	\$1,909,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	622	455	9,503	3	2	10.3	138	5.7	No Yes	No official sponsor approval Provided by sponsor and is in line with TWDB requirements.
081000877	New Road to Homan Avenue Channel Improvements	Channel improvements to increase the conveyance capacity of the roadside ditch.	08000009	McLennan	H&H Modeling	1.1	Riverine Local	City of Waco	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	8	93	0	0	1.7	0	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000881	~~Sharondale Drainage Improvements~~ Sharondale, Carver and Browns Lake Drainage Improvements	~~Drainage infrastructure improvements to reduce flooding in the Sharondale area.~~ Drainage infrastructure improvements to reduce flooding in the Sharondale, Carve, and Browns Lake areas.	08000009	McLennan	Preliminary Engineering	1.7	Riverine Local	City of Waco	~~\$157,000~~ \$715,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	578	328	5,346	1	1	32.0	108	196.1	Yes	Provided by sponsor and is in line with TWDB requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information								Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081000890	Loop 340 Berm & Frontage Road Improvements	Infrastructure improvements to lessen the impact of flood events on the intersection. Study to expand on the recently completed existing conditions model assessmnet. Conduct a needs assessment and identify mitigation solutions (FMPs) to be incorporated into the flood plan.	08000009	McLennan	H&H Modeling	5.6	Riverine Local	City of Waco	~~\$100,000~~ \$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	24	8	138	0	0	0.9	0	151.8	Yes	Provided by sponsor and is in line with TWDB requirements.
081000921	City of Georgetown Increase River/Channel Flow Capacity	Increase flow by deepening and widening the channel.	08000009	Williamson	Feasibility Assessment	59.4	Riverine	City of Georgetown	\$606,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	175	123	1,526	0	6	18.7	82	1,792.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000922	City of Georgetown River Erosion Control	Reduce flood and erosion risk with riverbank stabilization and riverbank walls.	08000009	Williamson	Feasibility Assessment	59.4	Riverine	City of Georgetown	\$606,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	175	123	1,526	0	6	18.7	82	1,792.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000924	City of Georgetown Culvert Improvements	Increase size of culverts at key locations to adequately convey storm water.	08000009	Williamson	Feasibility Assessment	59.4	Riverine Local	City of Georgetown	\$606,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	175	123	1,526	0	6	18.7	82	1,792	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000926	Channel Stabilization	Stabilize channel at inner loop culverts.	08000009	Williamson	Feasibility Assessment	47.5	Riverine	City of Georgetown	\$556,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	366	282	795	0	9	19.3	102	2,627.1	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000934	Low Water Crossing Monitoring & Mitigation	Install automated warning devices or elevate 2 low water crossings on CR 305.	08000007	Williamson	Feasibility Assessment	3.4	Riverine	City of Jarrell	\$217,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	1	0	2	0	0	2.0	4	44.9	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000936	Lift Station Floodproofing	Flood proof city lift stations or improve culverts to lessen flood risk.	08000012	Williamson	Feasibility Assessment	3.4	Riverine Local	City of Jarrell	\$217,000	Local, TWDB FIF, FEMA HMGP, TWDB CWSRF, FEMA BRIC, FEMA FMA	1	0	2	0	0	2.0	4	44.9	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000939	Dam Emergency Action Plan	Complete EAPs for Sites 9, 29, 2, 3, 6, 7, 17, 18, and 25 to be in compliance with TCEQ standards.	08000014	Williamson	Study on Flood Preparedness	1131.5	Riverine	Williamson County	\$500,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	3,519	2,758	7,496	5	167	167.4	728	67,369.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000941	Mustang Creek Study	Detailed H&H modeling to mitigate flooding from Upper Mustang Creek on the City of Taylor.	08000014	Williamson	Regional Watershed Studies	55.2	Riverine	City of Taylor	\$290,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	111	71	199	0	13	6.6	51	4,157.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000942	Stream Crossing Upgrades	Upgrade crossings at CR 368, 369, 445, and 424.	08000007	Williamson	Feasibility Assessment	29.4	Riverine	City of Taylor	\$463,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	14	33	0	4	3.6	19	3,255.1	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000943	Lake Creek Structural Elevation	Elevate or floodproof structures currently in high risk areas. Use H&H modeling to prioritize properties.	08000009	Travis, Williamson	Feasibility Assessment	37.8	Riverine Local	City of Round Rock	\$510,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	234	192	698	1	11	5.0	57	414.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000944	Lake Creek Tributary 2	Develop H&H models for watershed and evaluate methods to provide flood protection to the area.	08000014	Travis, Williamson	Regional Watershed Studies	28.0	Riverine	City of Round Rock	\$166,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	224	195	1,458	1	13	7.2	45	151.1	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information								Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081000945	Improve Chandler Branch Tributary	Channel improvements from Eagles Nest St to Settlement Dr.	08000009	Williamson	Feasibility Assessment	2.7	Riverine	City of Round Rock	\$202,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	21	18	38	0	1	0.4	13	9.8	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000950	Barker Street Neighborhood Improvements	Determine optimal drainage improvements to maximize flood protection for the area.	08000014	Travis, Williamson	Drainage Master Plan	25.6	Local	City of Thrall	\$440,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	269	230	819	0	11	5.4	41	101.9	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000951	Brushy Creek Tributaries Study	Perform a detailed study of the Brushy Creek tributaries in the City of Thrall.	08000014	Williamson	Regional Watershed Studies	11.1	Riverine	City of Thrall	\$88,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	11	5	10	0	1	1.8	8	1,105.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000953	A21	Addition of in-line detention along Cottonwood Creek.	08000009	Williamson	Preliminary Engineering	10.8	Riverine Local	Upper Brushy Creek WCID	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	68	43	122	0	2	1.4	17	465.8	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000954	A12	New Broade Street off-channel detention.	08000009	Travis, Williamson	Preliminary Engineering	61.2	Riverine Local	Upper Brushy Creek WCID	\$257,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	388	325	1,064	0	20	8.5	81	215.8	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000955	Dam 101	Construction of dam to provide flood storage for Lake Creek.	08000009	Travis, Williamson	Preliminary Engineering	27.8	Riverine	Upper Brushy Creek WCID	\$1,262,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	224	195	1,458	1	13	7.2	44	151.1	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000956	Dam 102	Study to design dam to provide flood storage for Lake Creek.	08000009	Travis, Williamson	Preliminary Engineering	27.8	Riverine	Upper Brushy Creek WCID	\$1,000,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	224	195	1,458	1	13	7.2	44	151.1	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000957	620 Quarry Solution	Study to determine needed flood storage to address Lake Creek flooding.	08000009	Travis, Williamson	Preliminary Engineering	27.8	Riverine	City of Round Rock	\$877,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	224	195	1,458	0	13	7.2	44	151.1	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000958	Dam 14 Rehabilitation	Study to design erosion repairs for the downstream slope, mitigation for the longitudinal cracking on the dam crest, and auxiliary spillway improvements.	08000009	Williamson	Preliminary Engineering	24.3	Riverine	Upper Brushy Creek WCID	\$148,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	28	11	91	0	0	0.9	12	399.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000959	A14	Addition of in-line detention west of Dam 17.	08000009	Williamson	Preliminary Engineering	12.4	Riverine Local	Upper Brushy Creek WCID	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	8	3	216	0	2	0.7	9	426.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000960	A13	Addition of in-line detention between Dam 15 and 16.	08000009	Williamson	Preliminary Engineering	24.3	Riverine Local	Upper Brushy Creek WCID	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	28	11	91	0	0	0.9	12	399.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000973	Lower Oyster Creek Improvements	Channel bank fill and improvements to create smooth transitions between diversion, flume, and creek channels during large storm improvements.	08000009	Fort Bend	Preliminary Engineering	1.5	Riverine Local	City of Missouri City	\$54,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30	26	58	0	0	3.4	18	372.7	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000976	Sugar Creek Watershed Analysis	Complete a drainage study for the Sugar Creek neighborhood to mitigate flooding risk.	08000014	Fort Bend	Regional Watershed Studies	2.2	Riverine	City of Sugar Land	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	26	14	165	0	0	2.3	18	1.2	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information								Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081000978	Colony Bend, Colony Grant, Stephens Grant Drainage Improvements	Complete a drainage study, design, and construction of drainage improvements to reduce flooding risk in the neighborhoods.	08000009	Fort Bend	Preliminary Engineering	1.1	Local	City of Sugar Land	\$421,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000979	City of Sugar Land Flood Innundation Mapping	Update of the Integrated Stormwater Management Model to include improvements to predictions in leveed areas.	08000014	Fort Bend	Regional Watershed Studies	42.8	Riverine	City of Sugar Land	\$233,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	442	350	835	2	0	18.4	96	1,687.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000980	Chimneystone, Austin, and Settlers Parks Improvements Phase III	Design and construct drainage improvements to Wagon Trail and Settlers Way in Settlers Park.	08000009	Fort Bend	Preliminary Engineering	1.1	Local	City of Sugar Land	\$551,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000981	Sugar Creek East Ditch	Install box culverts in the Sugar Creek East Ditch for storm water control.	08000009	Fort Bend	Preliminary Engineering	2.2	Riverine	City of Sugar Land	\$253,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	26	14	165	0	0	2.3	18	1.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000982	Lakebend Sugar Creek Outfall & Drainage	Replace outfall structure and channel improvements at Sugar Creek & Parkway Blvd and upsize storm water systems.	08000009	Fort Bend	Preliminary Engineering	2.2	Riverine	City of Sugar Land	\$388,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	26	14	165	0	0	2.3	18	1.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000987	Telfair Inlet Replacements	Update storm water inlets.	08000009	Fort Bend	Preliminary Engineering	2.1	Local	City of Sugar Land	\$73,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000988	Greatwood Inlet Replacements	Update storm water inlets.	08000009	Fort Bend	Preliminary Engineering	3.3	Local	City of Sugar Land	\$82,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	0.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000989	New Territory Inlet Replacements	Update storm water inlets.	08000009	Fort Bend	Preliminary Engineering	3.2	Local	City of Sugar Land	\$92,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	1	0.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000990	LID 2 Watershed Analysis	Complete a drainage study for the Sugar Creek neighborhood to mitigate flooding risk.	08000014	Fort Bend	Regional Watershed Studies	8.3	Riverine Local	City of Sugar Land	\$75,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0	0	0	0	0	0.0	0	1.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081000999	Hudson Creek Regional Detention	Study to design regional detention upstream of Copperfield to mitigate flooding and maintenance problems.	08000014	Brazos	Feasibility Assessment	3.0	Riverine Local	City of Bryan	\$160,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	26	21	86	0	0	0.3	3	11.9	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001003	Tennessee Avenue Crossing	A study and detailed design needs to be completed to assess the flooding and design culvert improvements to reduce road overtopping.	08000014	Brazos	Preliminary Engineering	3.9	Local	City of Bryan	\$50,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	126	117	310	0	5	2.3	36	20.0	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001005	Lynndale Acres Ph 2: Old Hearne and McHaney Street	A study of the drainage area is needed to assess and propose improvements to reduce flooding in the area. As part of this study, alternatives should be recommended.	08000014	Brazos	Preliminary Engineering	1.9	Local	City of Bryan	\$73,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	98	92	221	0	4	1.4	23	0.3	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081001009	Thompsons Branch & SH 6 Drainage Improvements	Study to design several improvements to mitigate flooding at the crossing.	08000014	Brazos	Preliminary Engineering	27.6	Riverine Local	City of Bryan	\$137,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	7	6	3	0	3	2.0	6	978.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001015	Turkey Creek Drainage Improvements	Detailed design of improvements throughout the Turkey Creek watershed, especially to fix erosion problems.	08000014	Brazos	Preliminary Engineering	8.7	Riverine Local	City of Bryan	\$222,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	14	14	22	0	0	0.5	9	19.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001020	South For of Turkey Creek Improvements	Erosion control and crossing improvements along South Fork of Turkey Creek.	08000010	Brazos	Preliminary Engineering	8.7	Riverine Local	City of Bryan	\$61,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	14	14	22	0	0	0.5	9	19.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001021	Burton Creek Extension of Flood Study	Expansion of previous study to improve characterization of flood risk.	08000014	Brazos	Regional Watershed Studies	7.5	Riverine	City of Bryan	\$71,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	348	254	1,235	2	9	4.3	47	0.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001022	Thompson Creek Floodplain Study from RELLIS to HW 6 to Establish Floodway	Study of Thompson Creek to determine flood risk.	08000014	Brazos	Regional Watershed Studies	27.6	Riverine	City of Bryan	\$164,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	7	6	3	0	3	2.0	6	978.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001023	Study Wickson Creek for Floodplain/Floodway from FM 974 to Navasota River	Study of Wickerson Creek to determine flood risk.	08000014	Brazos	Regional Watershed Studies	87.7	Riverine	City of Bryan	\$436,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	52	45	39	0	4	5.2	25	3,488.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001027	Citywide FEMA Flood Study	City wide updates to floodplain mapping.	08000014	Brazos	Regional Watershed Studies	44.5	Riverine	City of Bryan	\$241,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	1,120	870	2,013	3	36	37.2	94	4,193.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001032	Brushy Creek Flood Study Extension	Expansion of previous study to improve characterization of flood risk.	08000014	Brazos	Regional Watershed Studies	12.0	Riverine	City of Bryan	\$92,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	7	7	5	0	0	0.2	4	323.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001033	Philips Event Center Detention Pond at Hole 8 - Maintenance and Dredging	Maintenance on detention pond to increase storage.	08000010	Brazos	Preliminary Engineering	2.8	Riverine Local	City of Bryan	\$129,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	100	93	191	0	5	1.9	15	7.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001035	Improve Undersized Storm Sewers in Briar Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	H&H Modeling	2.8	Local	City of Bryan	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	100	93	191	0	5	1.9	15	7.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001036	Improve Undersized Storm Sewers in Burton Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	H&H Modeling	7.5	Local	City of Bryan	\$300,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	348	254	1,235	2	9	4.3	47	0.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001037	Improve Undersized Storm Sewers in Carter Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	H&H Modeling	12.0	Local	City of Bryan	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	190	158	491	1	6	5.0	48	184.3	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
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081001038	Improve Undersized Storm Sewers in Hudson Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	H&H Modeling	3.0	Local	City of Bryan	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	26	21	86	0	0	0.3	3	11.9	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001039	Improve Undersized Storm Sewers in Cottonwood Branch/Still Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	H&H Modeling	16.8	Local	City of Bryan	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	254	166	581	0	12	5.5	51	292	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001040	Improve Undersized Storm Sewers in Turkey Creek DB	Update modeling to Atlas 14 to determine appropriate sizing for storm sewer in the region.	08000006	Brazos	H&H Modeling	8.7	Local	City of Bryan	\$100,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	14	14	22	0	0	0.5	9	19.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001066	Hope's Creek Flood Study	Study to determine flood risk across the watershed.	08000014	Brazos	Regional Watershed Studies	10.3	Riverine	City of College Station	\$158,000	Local, TWDB FIF, FEMA FMA	37	24	62	0	0	1.3	5	702.5	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001067	Peach Creek Flood Study	Study to determine flood risk across the watershed.	08000014	Brazos	Regional Watershed Studies	26.3	Riverine	City of College Station	\$84,000	Local, TWDB FIF, FEMA FMA	15	13	2	0	0	0.2	2	105.5	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001068	FBCDD Drop Structures - Condition Assessments & Upgrades	Create inventory of structures and condition, prioritize and design upgrades to structures as needed.	08000014	Fort Bend	Study on Flood Preparedness	608.7	Riverine Local	Fort Bend County	\$2,712,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	14,277	11,612	26,966	28	2	299.9	1167	95,253.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001115	City of Killeen Early Flood Warning System	Develop and implement a warning-system to notify public of flood risk. Development of an early flood warning system for Killeen including identification of potential gauge placements, development of software and GUI to monitor flood risk at gauged locations, and incorporation with the City's existing systems.	08000019	Bell	Study on Flood Preparedness	53.8	Riverine	City of Killeen	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	799	564	2,707	2	49	14.7	265	3,037.0	No Yes	No official sponsor approval. Provided by sponsor and is in line with TWDB requirements.
081001145	Dam 18 Rehabilitation	Improvements to ensure dam provides necessary protection against flood risk.	08000009	Williamson	Preliminary Engineering	11.1	Riverine	Upper Brushy Creek WCID	\$500,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	11	5.0	10	0	1	1.75088	8	1,105.4	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001146	Waller County Master Drainage Plan	Study to determine food risk and potential solutions throughout the county.	08000014	Waller	Drainage Master Plan	515.9	Riverine Local	Waller County	\$1,430,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2,038	1,007	1,327	0	0	90.2	0	3.3	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001148	Texas Ave Crossing & Channel Improvements (Hwy 6 to Texas) & Detenton Pond	Update design to account for Atlas 14 rainfall.	08000006	Brazos	H&H Modeling	8.7	Riverine Local	City of College Station	\$100,000	Local, TWDB FIF, FEMA FMA	69	50.0	85	1	9	2.12606	19	75.1	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
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081001153	Hwy 6 Crossing & DS Channel Improvements	Update design to account for Atlas 14 rainfall.	08000006	Brazos	H&H Modeling	1.9	Riverine Local	City of College Station	\$100,000	Local, TWDB FIF, FEMA FMA	26	26.0	86	1	0	1.65431	2	12.2	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001156	FM 2818 Crossing & Channel Improvements (FM- 2818 to Welsh) & Detention Pond	Update design to account for Atlas 14 rainfall.	08000006	Brazos	H&H Modeling	4.7	Riverine Local	City of College Station	\$100,000	Local, TWDB FIF, FEMA FMA	22	19	45	1	9	1.2	7	32.6	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001204	Big Sandy Creek-New Year Creek DMP	Drainage master plan developed under Task 4A to identify areas of high flood risk and develop flood mitigation solutions	08000009	Washington	Drainage Master Plan	32.8	Riverine Local	Washington County	\$483,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	96	38.0	162	1	6	3.74878	47	1,856.5	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001276	Carters Creek	Study to determine flood risk across the watershed.	08000014	Brazos	Regional Watershed Studies	58.3	Riverine	City of College Station	\$304,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	849	646	2,974	8	43	17.1	152	1,274.5	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001279	~~Lick Creek~~ Lick Creek Watershed Stufy	~~Regional watershed study developed under Task 4A to improve understanding of flood risk in the region.~~ Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	Regional Watershed Studies	17.4	Riverine	City of College Station	\$117,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	56	50.0	117	0	2	2.163	20	278.4	No Yes	No official sponsor approval Provided by sponsor and is in line with TWDB requirements.
081001284	~~Waco Creek Diversion Tunnel~~ Webster-Mary Connector	~~Addition of a diversion culvert to reroute flow from Waco Creek to the Brazos River. Additional improvements to existing diversion tunnels and crossings.~~ Relief connector between Webster and Mary.	08000009	McLennan	H&H Modeling	2.9	Riverine Local	City of Waco	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	76	27	1,723	1	0	19.8	0	1.5	Yes	Provided by sponsor and is in line with TWDB requirements.
081001285	Oakwood Channel & Bridge Improvements	Widening of Primrose Creek to increase flow capacity, as well as removal and replacement of several crossings along the channel improvements.	08000009	McLennan	H&H Modeling	4.3	Riverine Local	City of Waco	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	39	28	505	0	0	6.4	0	33.5	Yes	Provided by sponsor and is in line with the TWDB requirements.
081001286	Taylor / Elm Storm Infrastructure & Outfall	Extension of current storm infrastructure in the area to improve drainage. Potential levee along MLK Boulevard to direct flow and prohibit road overtopping.	08000014	McLennan	Preliminary Engineering	1.7	Local	City of Waco	\$917,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	69	47	705	1	0	6.6	0	14.7	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information									Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description	
081001287	Cross Creek Road Low Water Crossing Removal	Removal of the Cross Creek Road low water crossing and associated 18" culverts. Extension of Stone Creek Ridge Drive to maintain access to existing properties.	08000007	McLennan	H&H Modeling	24.5	Riverine	City of Waco	~~\$100,000~~ \$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	13	9	37	0	1	0.8	0	17.6	Yes	Provided by sponsor and is in line with TWDB requirements.	
081001298	Nolanville Drainage Master Plan	Atlas 14 H&H modeling and CIP development. Focus on developing BCAs and prioritization plan.	08000009	Bell	Drainage Master Plan	4.3	Riverine	City of Nolanville	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	96	48	125	1	3	7.0	50	610.1	Yes	Provided by sponsor and is in line with the TWDB requirements.	
081001299	Cedar Park Drainage Master Plan	Atlas 14 H&H modeling and CIP development. Focus on developing BCAs and prioritization plan.	08000009	Williamson	Drainage Master Plan	25.5	Riverine Local	City of Cedar Park	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	269	230	819	0	12	5.4	130	398.7	Yes	Provided by sponsor and is in line with the TWDB requirements.	
081001304	City of Clifton Master Drainage Plan	Update hydrologic modeling for the Bosque Creek watershed to utilize Atlas 14 rainfall and latest land use. Update hydraulic modeling to incorporate more detail and latest data. Identify existing flood risk and develop potential mitigation solutions.	08000014, 08000009	Bosque	Drainage Master Plan	41.5	Riverine	City of Clifton	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	285	156	692	1	6	13.3	77	1,871.3	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001305	Glen Rose Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 12.9 miles of detailed hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	Hood, Bosque, Somervell	Drainage Master Plan	131.7	Riverine	City of Glen Rose	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	316	147	1,337	10	18	14.1	74	122.6	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001306	City of Hewitt Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 8.44 miles of detailed study hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	Falls, McLennan	Drainage Master Plan	82.3	Riverine	City of Hewitt	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	376	255	1,967	5	5	12.5	82	2,021.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001307	City of Robinson Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 51.9 miles of detailed study hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	Falls, McLennan	Drainage Master Plan	189.6	Riverine	City of Robinson	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,972	1,245	17,784	16	10	80.6	383	9,960.1	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information								Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081001308	City of West Master Drainage Plan	Study to update hydrology of HUC-12 watersheds to utilize Atlas 14 rainfall, update 1.42 miles of detailed study hydraulic models, identify and assess flood risks city-wide and develop and prioritize potential flood mitigation solutions.	08000014, 08000009	McLennan, Hill	Drainage Master Plan	100.4	Riverine	City of West	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	51	16	59	0	3	9.4	53	4,013.4	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001309	Barron's Branch Creek Improvements	Assessment and design of Barron's Branch creek upstream of proposed downtown Waco master development. Design will propose solutions to address flooding and erosion, as well as propose green infrastructure options for this urban creek.	08000009	McLennan	Feasibility Assessment	50.1	Riverine	City of Waco	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,546	974	15,805	11	3	62.3	290	1,857.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001310	City of Lacy Lakeview Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	McLennan	Drainage Master Plan	145.6	Riverine	City of Lacy-Lakeview	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,964	1,207	16,154	12	9	80.8	357	5,666.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001311	City of Hillsboro Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Hill	Drainage Master Plan	65.7	Riverine	City of Hillsboro	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	57	29	292	0	3	7.9	52	1,232.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001312	City of Gholson Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	McLennan, Bosque, Hill	Drainage Master Plan	155.4	Riverine	City of Gholson	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	370	241	473	0	2	5.8	38	4,037.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001313	City of Marlin Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Falls	Drainage Master Plan	98.8	Riverine	City of Marlin	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	43	10	53	0	1	12.7	43	14,073.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information									Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description	
081001314	City of Mart Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Falls, Limestone, McLennan	Drainage Master Plan	48.6	Riverine	City of Mart	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	42	25	40	0	6	3.3	31	1,183.1	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001315	Village of Salado Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Bell	Drainage Master Plan	72.9	Riverine	City of Salado	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	315	200	507	1	17	8.3	62	475.6	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001316	Morgan's Point Resort Master Drainage Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Bell, Coryell	Drainage Master Plan	87.0	Riverine	City of Morgan's Point Resort	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	36	8	23	0	3	14.0	26	408.4	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001317	City of Troy Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Bell, McLennan	Drainage Master Plan	51.1	Riverine	City of Troy	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	58	26	66	0	4	5.2	26	649.6	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001318	College Station Master Drainage Plan	Master drainage plan for the entire City including hydrologic and hydraulic modeling, pluvial and fluvial flood risk assessment, flood risk mapping, and flood mitigation project development.	08000014, 08000009	Burleson, Grimes, Brazos	Drainage Master Plan	253.3	Riverine	City of College Station	\$820,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,104	792	3,345	4	45	47.6	206	20,876.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001319	McGregor Executive Airport Master Drairage Plan	Create a Master Drainage Plan for the airport property. This will provide options to the City of McGregor and the City of Waco for decreasing airport property runoff to reduce flooding in adjacent Waco neighborhoods.	08000009	Coryell, McLennan	Drainage Master Plan	85.9	Riverine	City of Waco	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	187	106	360	1	4	14.7	74	2,418.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

TWDB Table 15 -
Recommended Flood Management Evaluations

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description	
081001320	East Brazos County Master Drainage Plan	Master drainage plan (including hydrologic and hydraulic modeling, flood risk assessment, and flood mitigation project development) for several watersheds throughout the eastern portion of Brazos County including areas of known high flood risk.	08000014, 08000009	Grimes, Brazos, Madison, Robertson	Drainage Master Plan	515.5	Riverine	Brazos County	\$1,430,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	616	450	1,236	2	10	44.0	153	9,111.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001321	City of Bryan Stormwater Master Plan Update	Update the existing master drainage plan to use the latest data (including atlas 14 rainfall) and re-assess flood risk and flood mitigation projects.	08000014, 08000009	Burleson, Brazos, Robertson	Drainage Master Plan	263.7	Riverine	City of Bryan	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,343	928	3,818	4	58	66.4	249	25,876.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001322	City of Snook Master Drainage Plan	Perform a master drainage plan for the City of Snook including, but not limited to, developing hydrologic and hydraulic modeling, identifying areas of high flood risk, developing conceptual alternatives, and ranking the identified projects.	08000014, 08000009	Burleson, Brazos	Drainage Master Plan	149.9	Riverine	City of Snook	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	168	65	262	0	0	26.5	41	21,821.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001323	North Front Crossing Culvert Improvements at Town Branch	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for larger culverts to replace existing pipe culverts at the North Front Street crossing of Town Branch.	08000007	Williamson, Bell	Preliminary Engineering	26.3	Riverine	City of Bartlett	\$15,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	2	30	0	1	1.3	12	316.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001324	TX 95 Crossing Channel Improvements at Town Branch	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for channel grading and rehabilitation of Town Branch downstream of the TX 95 crossing.	08000007	Williamson, Bell	Preliminary Engineering	26.3	Riverine	City of Bartlett	\$30,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17	2	30	0	1	1.3	12	316.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001325	West Clark Street and West Front Street Storm Sewer Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for a network of inlets & pipes along West Clark Street & West Front Street.	08000007	Williamson, Bell	Preliminary Engineering	45.4	Riverine	City of Bartlett	\$15,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	14	7	10	0	9	3.5	15	873.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

TWDB Table 15 -
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081001326	West Bartlett Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for increasing the capacity of culverts and ditches west of the railroad.	08000007	Williamson, Bell	Preliminary Engineering	71.7	Riverine	City of Bartlett	\$35,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	9	40	0	10	4.8	26	1,189.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001327	East Bartlett Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for increasing the capacity of culverts and ditches east of the railroad.	08000007	Williamson, Bell	Preliminary Engineering	71.7	Riverine	City of Bartlett	\$40,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	9	40	0	10	4.8	26	1,189.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001328	Bell Street and Front Street Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for increasing the capacity culverts and ditches near Bell Street and Front Street .	08000007	Williamson, Bell	Preliminary Engineering	71.7	Riverine	City of Bartlett	\$75,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	31	9	40	0	10	4.8	26	1,189.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001329	City of Marlin Preliminary Design for Service Spillway Replacements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for City of Marlin Old and New City Lake Dam spillway replacement.	08000009	Falls	Preliminary Engineering	38.4	Riverine	City of Marlin	\$560,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	15	3	3	0	1	2.3	15	475.3	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001330	City of Mart Dam Rehabilitation Study	Detailed Description: Design up to 30% of dam rehabilitation.	08000009	Limestone, McLennan	Preliminary Engineering	39.0	Riverine	City of Mart	\$250,000	Local, FEMA HMGP, FEMA FMA, USDA NRCS Watershed Rehabilitation	46	28	55	0	4	4.0	23	281.4	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001331	City of Bellmead Drainage Study	Coordination and evaluation of flood modeling in the City of Bellmead city limits. Determining and analyzing the movement of water through the City of Bellmead and impacted areas recognized in FEMA Flood Plain maps.	08000014	McLennan	Regional Watershed Studies	92.1	Riverine	City of Bellmead	\$575,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,676	1,052	16,042	12	6	74.0	327	3,600.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001332	Brushy Creek Crossing Roadway Improvement at North FM 908	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for bridge and roadway profile adjustments at the North Farm to Market Road 908 crossing of Brushy Creek.	08000007	Milam	Preliminary Engineering	55.5	Riverine	Milam County	\$480,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30	11	22	0	0	11.9	32	2,190.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

TWDB Table 15 -
Recommended Flood Management Evaluations

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FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description
081001333	Brushy Creek Crossing Channel Improvement at South FM 486	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for approximately 100 linear feet of channel grading and rehabilitation at the South Farm to Market Road 486 crossing of Brushy Creek.	08000007	Williamson, Milam	Preliminary Engineering	55.7	Riverine	Milam County	\$10,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	41	21	27	1	8	9.8	36	4,284.8	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001334	Davidson Creek Crossing Roadway Improvement at County Road 327	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for bridge and roadway profile adjustments at the County Road 327 crossing of Davidson Creek.	08000007	Burleson, Milam	Preliminary Engineering	35.2	Riverine	Milam County	\$115,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	6	2	8	0	0	1.5	7	80.3	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001335	Cedar Creek Crossing Improvement at County Road 330	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for a 50-foot bridge to replace a pipe culvert at the County Road 330 crossing of Cedar Creek.	08000007	Burleson, Milam	Preliminary Engineering	99.4	Riverine	Milam County	\$65,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	13	6	5	0	0	4.0	14	387.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001336	Alum Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Grimes, Brazos	Regional Watershed Studies	65.7	Riverine	City of College Station	\$70,000	Local, TWDB FIF, TWDB CWSRF	106	85	177	0	2	5.2	28	206.4	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001337	Bee Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	Regional Watershed Studies	43.0	Riverine	City of College Station	\$80,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001338	Burton Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	Regional Watershed Studies	43.0	Riverine	City of College Station	\$70,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
081001339	Spring Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Grimes, Brazos	Regional Watershed Studies	65.7	Riverine	City of College Station	\$50,000	Local, TWDB FIF, TWDB CWSRF	106	85	177	0	2	5.2	28	206.4	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.

TWDB Table 15 -
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General Information											Flood Risk Information									Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description	
081001340	Turkey Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Burleson, Brazos	Regional Watershed Studies	58.7	Riverine	City of College Station	\$70,000	Local, TWDB FIF, TWDB CWSRF	60	24	182	0	0	10.2	21	7,288.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001341	White Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Burleson, Brazos	Regional Watershed Studies	61.2	Riverine	City of College Station	\$85,000	Local, TWDB FIF, TWDB CWSRF	84	32	60	0	0	13.5	13	13,283.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001342	Wolf Pen Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	Regional Watershed Studies	43.0	Riverine	City of College Station	\$50,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001343	Harvey Hillside Creek Watershed Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for the entire watershed.	08000014	Brazos	Regional Watershed Studies	43.0	Riverine	City of College Station	\$50,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001344	Carters Creek Geomorphology Study	Perform a geomorphology study of Carters Creek to determine migration, erosion, and sedimentation patterns and develop potential mitigation projects to reduce the effects.	08000014	Grimes, Brazos	Regional Watershed Studies	67.7	Riverine	City of College Station	\$340,000	Local, TWDB FIF, TWDB CWSRF	854	651	2,974	4	43	18.7	152	98.6	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001345	Wolf Pen Creek Geomorphology Study	Perform a geomorphology study of Wolf Pen Creek to determine migration, erosion, and sedimentation patterns and develop potential mitigation projects to reduce the effects, focusing on known issues.	08000014	Brazos	Regional Watershed Studies	43.0	Riverine	City of College Station	\$75,000	Local, TWDB FIF, TWDB CWSRF	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001346	Project Development for Wolf Pen Creek Watershed	Update the conceptual flood mitigation projects and supporting modeling within the Wolf Pen Creek watershed (including projects for Miliff Rd Crossing, University Oaks Crossing, and Harvey Road Crossing), to account for the latest available data.	08000009	Brazos	H&H Modeling	43.0	Riverine	City of College Station	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

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081001347	Project Development for Bee Creek Watershed	Update the conceptual flood mitigation projects and supporting modeling within the Bee Creek watershed (including projects for SW Pkwy Crossings, Holleman Crossing, and various channel improvements), to account for the latest available data.	08000009	Brazos	H&H Modeling	43.0	Riverine	City of College Station	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001348	Project Development for Bee Creek Trib A Watershed	Update the conceptual flood mitigation projects and supporting modeling for the stream crossings and channel improvements at Southwest Parkway from upstream of Welsh Ave to Highway 6 to account for latest available data.	08000009	Brazos	H&H Modeling	43.0	Riverine	City of College Station	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001349	Still Creek Detention Pond Study	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for a detention pond in the Still Creek watershed.	08000009	Brazos	Preliminary Engineering	53.3	Riverine	City of Bryan	\$270,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	264	172	584	0	15	8.6	56	108.4	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001350	Burton Creek Channel Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for Burton Creek Channel Improvements.	08000009	Brazos	Preliminary Engineering	43.0	Riverine	City of Bryan	\$265,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	831	630	2,968	4	43	16.1	148	50.0	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001351	Old River Drainage Study	Perform a flood risk assessment, including hydrologic and hydraulic modeling, prepare flood risk maps for the Old River watershed, and develop flood risk mitigation projects with a focus on crossings and regions with known flooding.	08000014, 08000009	Burleson, Brazos	Regional Watershed Studies	149.9	Riverine	Burleson County	\$550,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	168	65	262	0	0	26.5	41	21,821.9	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001352	Cluck Creek Channel Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for channel improvement to Cluck Creek to reduce flood risk in flood prone areas of Cedar Park.	08000009	Travis, Williamson	Preliminary Engineering	61.2	Riverine	City of Cedar Park	\$155,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	388	325	1,064	0	20	8.5	80	33.8	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

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081001353	Blockhouse Creek Channel Improvements Phase II	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for channel improvements to Blockhouse Creek to reduce flood risk in flood prone areas of Cedar Park.	08000009	Travis, Williamson	Preliminary Engineering	61.2	Riverine	City of Cedar Park	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	388	325	1,064	0	20	8.5	80	33.8	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001354	City of Killeen Low Water Crossing Flood Mitigation Phases 1 to 3	Study, including hydraulic and hydrologic analysis, of low water crossings within the City. Focus on project development (including up to 30% design) at previously prioritized high risk locations.	08000007	Bell, Coryell	Feasibility Assessment	214.5	Riverine	City of Killeen	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,046	667	3,331	2	58	33.3	247	795.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001355	Long Branch Environmental Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for improvements along Long Branch including a wet pond and stream bank improvements.	08000009	Bell, Coryell	Preliminary Engineering	45.0	Riverine	City of Killeen	\$80,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	865	593	2,708	2	49	13.5	140	18.8	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001356	City of Round Rock Regional Detention Feasibility Study	Study to identify locations for detention in the Brushy Creek Basin. The study will account for increases in rainfall shown in Atlas 14 data to help mitigate flood risk for neighborhoods and critical infrastructure in the city.	08000014, 08000009	Travis, Williamson	Feasibility Assessment	124.0	Riverine	City of Round Rock	\$810,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	606	468	2,372	3	27	20.6	126	1,081.8	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001357	County Road 462 Crossing at Deer Creek Improvement	Design up to 30% of a 90' bridge to replace pipe culverts at the County Road 462 crossing of Deer Creek.	08000007	Bell, Falls, McLennan	Preliminary Engineering	47.1	Riverine	Falls County	\$95,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	6	4	5	0	4	2.4	18	367.3	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001358	State Highway 7 Roadway Improvement at Little Brazos River Crossing	Perform up to 30% design for roadway profile adjustments, and west bridge improvements or replacement at State Highway 7 and Little Brazos River Crossing.	08000007	Falls, Limestone	Preliminary Engineering	41.8	Riverine	Falls County	\$105,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	5	2	3	0	2	3.7	16	318.1	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001359	Brazos County Flood Risk Assessment	Perform a flood risk assessment, including hydrologic and hydraulic modeling, and prepare flood risk maps for creeks throughout Brazos County that are currently listed as Zone A on the FEMA floodplain maps.	08000014	Washington, Burleson, Grimes, Brazos, Madison, Robertson	Regional Watershed Studies	902.1	Riverine	Brazos County	\$1,700,000	Local, TWDB FIF, TWDB CWSRF	2,093	1,431	4,805	6	68	144.3	418	61,955.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

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081001360	Big Creek Grade Control Study	Leverage preliminary study completed by the USACE to develop projects to mitigate erosion in identified problem areas along Big Creek.	08000014	Brazoria, Fort Bend	Feasibility Assessment	56.6	Riverine	Fort Bend County Drainage District	\$370,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	353	178	333	2	0	24.3	23	703.3	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001361	Bessie's Creek Grade Control Study	Leverage preliminary study completed by the USACE to develop projects to mitigate erosion in identified problem areas along Bessie's Creek.	08000014	Fort Bend, Austin	Feasibility Assessment	36.7	Riverine	Fort Bend County Drainage District	\$230,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	413	288	568	0	1	12.8	36	1,043.3	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001362	Stafford Run Improvements Study Update	Update to Stafford Run Creek Study to ensure it meets guidelines for FMP qualification.	08000009	Brazoria, Galveston, Fort Bend	H&H Modeling	419.0	Riverine Coastal	Fort Bend County Drainage District	\$315,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3,556	2,682	10,987	11	0	113.5	378	10,937.3	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001363	Brazos River Study Update (Fort Bend County)	Update the latest Brazos River 1D/2D models to reflect the latest data including terrain, utilize the latest modeling methodologies including full 2D analysis, and perform alternative analysis to develop flood mitigation projects and strategies.	08000014	Brazoria, Galveston, Fort Bend, Austin, Waller, Washington	Regional Watershed Studies	1850.8	Riverine Coastal	Fort Bend County Drainage District	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	30,020	22,991	53,443	54	22	916.1	2170	82,213.2	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001364	Williamson Countywide Enhancements to Atlas 14 Modeling and Mapping	Enhancements to existing Williamson County modeling potentially including updates with new terrain, updates to land conditions (existing and future), rainfall changes, modeling software updates, and other enhancements as identified.	08000014	Bastrop, Lee, Travis, Williamson, Burnet, Milam, Bell, Lampasas, Coryell, Mills, Hamilton	Regional Watershed Studies	2841.5	Riverine	Williamson County	\$10,300,000	Local, TWDB FIF, TWDB CWSRF	5,215	3,581	10,275	12	272	253.2	1124	38,996.8	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001365	Countywide Road Washout Study	Hydrologic and hydraulic analysis and preliminary engineering for several commonly washed-out road segments to identify solutions.	08000007	Harris, Waller, Washington, Montgomery, Grimes, Brazos, Walker, Madison	Feasibility Assessment	1494.0	Riverine	Grimes County	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	914	572	1,688	5	15	59.0	195	14,270.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001366	Grimes County Road 162 Drainage Improvements	Perform a hydrologic and hydraulic analysis and complete preliminary engineering (design up to 30% completion) for CR 162 to identify mitigation project to prevent washout.	08000007	Grimes, Brazos	Feasibility Assessment	59.0	Riverine	Grimes County	\$195,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	33	20	16	0	0	3.4	11	189.2	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

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081001367	Evaluation of Culvert Enlargement and Bridge Elevation in Grimes County	Countywide study to identify flood prone areas and mitigate flood damage through culvert and bridge crossing improvements.	08000007	Harris, Waller, Washington, Montgomery, Grimes, Brazos, Walker, Madison	Feasibility Assessment	1494.0	Riverine	Grimes County	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	914	572	1,688	5	15	59.0	195	14,270.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001368	Grimes County Flood Map Updates	Hydrologic and hydraulic modeling of Zone A areas, especially where there is expected development, to evaluate existing flood risk and develop flood risk maps.	08000014	Harris, Waller, Washington, Montgomery, Grimes, Brazos, Walker, Madison	Regional Watershed Studies	1494.0	Riverine	Grimes County	\$1,500,000	Local, TWDB FIF, TWDB CWSRF	914	572	1,688	5	15	59.0	195	14,270.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001369	Holland Creek Crossing Improvement Study	Study crossings within the Holland Creek watershed (including crossing CR 404, CR 403, CR 447, CR 405, CR 227, CR 189, and CR 40) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos	Feasibility Assessment	120.4	Riverine	Grimes County	\$595,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	37	17	34	0	5	5.0	19	479.1	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001370	Rocky Creek Crossing Improvement Study	Study crossings within the Rocky Creek watershed (including crossing CR 185, CRF 224, CR 188 CR 223, and CR 180) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes	Feasibility Assessment	46.1	Riverine	Grimes County	\$515,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	12	5	12	0	0	1.7	7	138.1	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001371	Gibbons Creek Crossing Improvement Study	Study crossings within the Gibbons Creek watershed (including crossing CR 190, CR 192, CR 171, and CR 166) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes	Feasibility Assessment	117.7	Riverine	Grimes County	\$515,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	43	30	23	0	2	4.6	17	139.4	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001372	Panther Creek Crossing Improvement Study	Study crossings within the Panther Creek watershed (including crossing CR 175, CR 173, Roese Rd, Rodemel Ranch Rd, and S Fork Ln) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes	Feasibility Assessment	15.6	Riverine	Grimes County	\$310,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	7	3	4	0	0	0.8	6	36.6	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

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081001373	Ragan Creek Crossing Improvement Study	Study crossings within the Ragan Creek watershed (including crossing CR 103) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos, Madison	Feasibility Assessment	57.4	Riverine	Grimes County	\$235,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	0	0	0	2.4	11	48.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001374	Morgan Creek Crossing Improvement Study	Study crossings within the Morgan Creek watershed (including crossing CR 103, CR 104, and CR 104A) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos, Madison	Feasibility Assessment	57.4	Riverine	Grimes County	\$295,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	0	0	0	2.4	11	48.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001375	Neville Creek Crossing Improvement Study	Study crossings within the Neville Creek watershed (including crossing CR 102) and identify projects to improve undersized culverts and low water crossings.	08000007	Grimes, Brazos, Madison	Feasibility Assessment	57.4	Riverine	Grimes County	\$240,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2	0	0	0	0	2.4	11	48.7	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001376	Williamson Countywide Enhanced Mitigation Analysis	Analysis of flood-prone areas (including damage centers and low water crossings and enhanced mobility) across the County for the purpose of developing additional Flood Mitigation Projects.	08000014, 08000009	Bastrop, Lee, Travis, Williamson, Burnet, Milam, Bell, Lampasas, Coryell, Mills, Hamilton	Drainage Master Plan	2841.5	Riverine	Williamson County	\$2,060,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	5,215	3,581	10,275	12	272	253.2	1124	38,996.8	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001377	City of Somerville Drainage Master Plan	Drainage master plan aimed at identifying and addressing short term and long term drainage issues. Includes developing models, assessing existing flood risk, identifying projects to mitigate risk, and reviewing city ordinances and design criteria.	08000014, 08000009	Washington, Burleson	Drainage Master Plan	24.5	Riverine	City of Somerville	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	45	30	64	0	1	2.6	28	241.2	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001378	Fort Bend Extreme Event Levee Analysis & Evacuation Plan	Evaluate critical impacts and vulnerability of the Fort Bend County levee districts at various stages using existing hydrologic and hydraulic modeling. Develop an emergency action plan and identify areas of critical risk.	08000016, 08000017, 08000020	Brazoria, Wharton, Fort Bend, Austin, Harris, Waller, Matagorda	Study on Flood Preparedness	1354.2	Riverine	Fort Bend County Drainage District	\$307,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17,706	13,863	36,254	34	6	422.0	1353	44,582.2	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

TWDB Table 15 -
Recommended Flood Management Evaluations

General Information											Flood Risk Information									Recommendation Status	
FME ID	FME Name	Description	Associated Goals (ID)	Counties	Evaluation Type	Evaluation Area (sq mi)	Flood Risk Type	Sponsor	Estiamted Evaluation Cost	Potential Funding Sources and Amounts	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Residential Structures with 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk	Critical Facilities at 100-year (1% ACE) Flood Risk	Low Water Crossings at 100-year (1% ACE) Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk	RFPG Recommendation	Recommendation Description	
081001379	Fort Bend Master Drainage Plan Update	Update existing master drainage plan models including revising models to full 2D analysis, evaluation of new development in close proximity to proposed projects, and incorporation of latest terrain data.	08000014, 08000009	Brazoria, Wharton, Fort Bend, Austin, Harris, Waller, Matagorda	Drainage Master Plan	1354.2	Riverine	Fort Bend County Drainage District	\$3,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	17,706	13,863	36,254	34	6	422.0	1353	44,582.2	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001380	Brazos River Flood Study (Brazos County)	Perform a hydrologic and hydraulic analysis and prepare flood risk mapping of the Brazos River with a focus on the portion of the river through Brazos County.	08000014	Waller, Washington, Burleson, Grimes, Brazos, Milam, Robertson	Regional Watershed Studies	800.9	Riverine	Brazos County	\$400,000	Local, TWDB FIF, TWDB CWSRF	1,430	805	2,865	7	19	134.0	273	74,824.6	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	
081001381	City of Killeen Drainage Master Plan	Update to the Killeen MDP including acquiring new survey, using Atlas 14, and including storm drain system. Revalidate all draiange improvement alternatives and update to meet TWDB standards, assess funding sources, and develop an implementation plan.	08000014, 08000009	Bell, Coryell	Drainage Master Plan	214.5	Riverine	City of Killeen	\$2,500,000	Local, TWDB FIF, TWDB CWSRF, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	1,046	667	3,331	2	58	33.3	247	795.5	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.	

TWBD Table 16 -
Recommended Flood Mitigation Projects

TWDB Table 16 - Potentially Feasible Flood Mitigation Projects Recommended by RFPG																					
General Information																					
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount	Flood Risk					
																Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE)Flood Risk
083000709	~~826 and 827 Vine Street Property Flooding~~ Vine Street Property Flooding	~~Structural buyouts at the identified location.~~ Acquisition of properties with high flood risk on Vine Street.	08000009	Brazos	120701030702	08000007	Property Acquisition and Structural Elevation	Master Drainage Plan	0.0	Riverine, Local	City of Bryan	City of Bryan	Yes	\$600,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.00	0.00	0	0	0	0
083000712	Bryan Boonville and Briarcrest Bridges	Addition of bridges, channel benching, and detention	08000009	Brazos	120701030702	08000007	Comprehensive Drainage Improvements	Lower Brazos RFP - Task 12	0.5	Riverine	City of Bryan	City of Bryan, TxDOT	No	\$12,313,040	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.34	N/A	29	N/A	24	121
083000784	Bessie's & Brookshire Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050100, 120701040307, 120701040308, 120701040309, 120701040401	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	30.7	Riverine, Local	Fort Bend County	Fort Bend County Drainage District	Yes	\$285,000,000	Local, FEMA FMA, HUD CDBG-MIT	18.25	24.41	834	1,544	666	1,095
083000786	Bee Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120701040409, 120701040501	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	4.5	Riverine, Local	Fort Bend County	Fort Bend County Drainage District	Yes	\$38,771,000	Local, FEMA FMA, HUD CDBG-MIT	1.13	1.45	19	33	12	11
083000797	Big Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040404, 120701040405, 120701040406, 120701040407, 120701040409, 120701040501	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	56.6	Riverine, Local	Fort Bend County	Fort Bend County Drainage District	Yes	\$662,333,000	Local, FEMA FMA, HUD CDBG-MIT	13.55	35.76	628	873	517	940
083000800	Coon Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040401, 120701040404, 120701040405	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	17.1	Riverine, Local	Fort Bend County	Fort Bend County Drainage District	Yes	\$141,439,000	Local, FEMA FMA, HUD CDBG-MIT	17.11	19.17	276	419	178	506
083000801	Cow Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120701040409, 120701040501, 120701040502, 120701040503	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	30.9	Riverine, Local	Fort Bend County	Fort Bend County Drainage District	Yes	\$119,191,000	Local, FEMA FMA, HUD CDBG-MIT	11.09	13.46	144	255	100	180
083000805	Cottonwood Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040401, 120701040404, 120701040405	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	23.0	Riverine, Local	Fort Bend County	Fort Bend County Drainage District	Yes	\$182,426,000	Local, FEMA FMA, HUD CDBG-MIT	8.47	10.19	134	215	112	260
083000809	Diversion Channel Ditch and Drop Structure	Channel re-configuration to re-direct flow from Big Creek. Improvements to drop structure to have capacity for this increased flow.	08000009	Fort Bend	120701040409	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	12.3	Riverine, Local	Fort Bend County	Fort Bend County Drainage District	Yes	\$266,699,000	Local, FEMA FMA, HUD CDBG-MIT	12.19	12.33	8	9	0	1

TWBD Table 16 -
Recommended Flood Mitigation Projects

TWDB Table 16 - Potentially Feasible Flood Mitigation Projects Recommended by RFPG																														
Flood Risk Information																		Other Benefits										Recommendation Status		
FMP ID	Flood Risk					Reduction in Flood Risk													Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Benefit Cost Ratio	Recommendation Status	Recommendation Reason
	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)													
083000709	0	0	0.0	0	0.0	0	2	0	0	0	0	0	0	0	0.0	0	0	Unkown	100-year	\$300,000	0%	No	N/A	No	0.59	N/A	1.00	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000712	0	0	1.4	11	0.4	10	6	0	2	26	0	0	1	1	0.1	0	0	10-year	100-year	\$2,179,500	0%	No	N/A	No	0.39	16,714	0.02	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000784	1	0	32.8	94	7,463.8	148	213	0	181	413	1	0	9	28	1,214.8	0	0	2-year	100-year	\$1,338,000	0%	No	N/A	No	0.06	N/A	0.09	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000786	0	0	0.3	2	305.8	0	0	0	0	0	0	0	0	0	256.0	0	0	5-year	100-year	N/A	0%	No	N/A	No	0.47	N/A	0.02	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000797	1	0	22.7	7	9,441.7	15	589	0	497	913	1	0	14	0	6,478.5	0	0	2-year	100-year	\$1,125,000	0%	No	N/A	No	0.39	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000800	0	0	7.1	0	4,744.9	1	275	0	177	503	0	0	7	0	4,576.3	0	0	2-year	100-year	\$514,000	0%	No	N/A	No	0.52	N/A	0.01	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000801	0	2	8.1	17	4,377.6	2	34	0	17	42	0	0	1	2	2,138.4	0	0	5-year	100-year	\$3,506,000	0%	No	N/A	No	0.52	N/A	0.03	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000805	0	0	3.2	0	4,674.7	0	134	0	112	260	0	0	3	0	4,578.8	0	0	2-year	100-year	\$1,361,000	0%	No	N/A	No	0.51	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083000809	0	0	4.8	1	5,229.0	0	0	0	0	0	0	0	0	0	1.4	0	0	2-year	100-year	N/A	0%	No	N/A	No	0.27	N/A	0.01	Yes	Provided by sponsor and is in line with the TWDB requirements.	

TWBD Table 16 -
Recommended Flood Mitigation Projects

General Information																Flood Risk					
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE)Flood Risk
083000811	Dry Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040407, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20.1	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$133,315,000	Local, FEMA FMA, HUD CDBG-MIT	8.97	11.24	635	1,107	491	738
083000814	Dutch John Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040407, 120701040408, 120701040409	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	11.2	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$39,101,000	Local, FEMA FMA, HUD CDBG-MIT	1.20	7.04	12	23	12	36
083000817	Fairchild Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040406	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	30.8	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$190,448,000	Local, FEMA FMA, HUD CDBG-MIT	15.30	18.51	949	1,441	803	1,385
083000818	Flewellen Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120402050100, 120701040308, 120701040309	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20.7	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$542,725,000	Local, FEMA FMA, HUD CDBG-MIT	4.47	5.75	77	178	40	136
083000820	Gapps Slough Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040402, 120701040403, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	12.6	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$48,302,000	Local, FEMA FMA, HUD CDBG-MIT	5.96	7.94	295	375	238	492
083000821	Jones Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120402050100, 120701040309, 120701040401, 120701040402	08000013, 08000014	Comprehensive Drainage Improvements	Community Submittal from Master Drainage Plan	21.7	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$556,012,000	Local, FEMA FMA, HUD CDBG-MIT	6.40	10.93	829	1,884	737	1,594
083000823	Lateral IIB-7 & IIB-9 Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040405, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	5.7	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$62,287,000	Local, FEMA FMA, HUD CDBG-MIT	3.22	4.00	144	605	122	164
083000827	Lower Dry Creek Channel Improvement	Channel improvements and re-configurations.	08000009	Fort Bend	120701040403, 120701040407, 120701040408, 120701040409	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20.0	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$110,716,000	Local, FEMA FMA, HUD CDBG-MIT	17.61	18.81	343	369	219	489
083000828	Seabourne Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040401, 120701040404, 120701040405, 120701040408	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	13.0	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$104,974,000	Local, FEMA FMA, HUD CDBG-MIT	5.41	7.18	577	1,217	473	1,214

TWBD Table 16 -
Recommended Flood Mitigation Projects

Flood Risk Information																		Other Benefits										Recommendation Status	
FMP ID	Flood Risk					Reduction in Flood Risk												Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Benefit Cost Ratio	Recommendation Status	Recommendation Reason
	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)												
																													Provided by sponsor and is in line with the TWDB requirements.
083000811	0	0	14.3	0	2,599.8	126	509	0	381	661	0	0	13	0	2,063.9	0	0	2-year	100-year	\$262,000	0%	No	N/A	No	0.35	N/A	0.00	Yes	
083000814	0	0	2.2	1	2,070.9	0	0	0	0	0	0	0	2	0	1,468.8	0	0	2-year	100-year	N/A	0%	No	N/A	No	0.27	N/A	0.05	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000817	1	0	10.3	1	7,817.0	18	931	0	792	1,289	1	0	10	0	2,771.9	0	0	2-year	100-year	\$142,000	0%	No	N/A	No	0.54	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000818	0	0	1.1	6	1,508.0	19	58	0	22	59	0	0	0	0	0.0	0	0	2-year	100-year	\$9,357,000	0%	No	N/A	No	0.05	N/A	0.05	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000820	0	0	11.5	7	2,369.5	5	164	0	161	254	0	0	6	0	546.8	0	0	2-year	100-year	\$295,000	0%	No	N/A	No	0.23	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000821	4	0	18.2	71	1,988.0	179	47	0	45	138	4	0	0	0	0.8	0	0	2-year	100-year	\$11,830,000	0%	No	N/A	No	0.06	N/A	0.05	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000823	0	0	7.1	0	1,693.2	19	125	0	11	155	0	0	6	0	1,663.0	0	0	2-year	100-year	\$498,000	0%	No	N/A	No	0.27	N/A	0.01	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000827	2	0	14.4	20	5,058.4	2	0	0	0	0	2	0	0	0	94.1	0	0	2-year	100-year	N/A	0%	No	N/A	No	0.24	N/A	0.02	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000828	4	0	13.2	0	2,336.1	4	573	0	472	1,212	4	0	13	0	2,270.4	0	0	2-year	100-year	\$183,000	0%	No	N/A	No	0.53	N/A	0.03	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWBD Table 16 -
Recommended Flood Mitigation Projects

General Information																Flood Risk					
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE)Flood Risk
083000829	Turkey Creek Channel Improvements	Channel improvements and re-configurations at several key locations	08000009	Fort Bend	120701040406, 120701040407, 120701040409, 120701040501	08000013	Regional Channel Improvements	Community Submittal from Master Drainage Plan	23.4	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$86,161,000	Local, FEMA FMA, HUD CDBG-MIT	7.76	10.89	39	160	24	46
083000834	Oyster Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050100, 120402050200, 120701040402, 120701040403	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	20.8	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$315,176,000	Local, FEMA FMA, HUD CDBG-MIT	5.83	9.59	385	3,751	340	2,000
083000838	Lower Oyster Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050200, 120701040403, 120701040409	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	3.9	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$125,690,000	Local, FEMA FMA, HUD CDBG-MIT	1.66	2.56	60	325	37	367
083000841	Red Gully Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050100	08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	3.0	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$46,719,000	Local, FEMA FMA, HUD CDBG-MIT	1.44	1.69	579	1,146	555	2,411
083000843	Bullhead Bayou Channels and Detention	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120701040402, 120402050100	08000013, 08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	6.2	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$62,498,000	Local, FEMA FMA, HUD CDBG-MIT	3.38	4.80	56	229	28	700
083000847	Stafford Run Channels and Detentions	Channel improvements and re-configurations at several key locations, addition of in-line detention.	08000009	Fort Bend	120402050200	08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	2.2	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$15,612,000	Local, FEMA FMA, HUD CDBG-MIT	0.53	1.05	160	1,005	110	251
083000853	Long Point Creek Channel Improvements	Channel improvements and re-configurations at several key locations.	08000009	Fort Bend	120402050200	08000014	Regional Channel Improvements	Community Submittal from Master Drainage Plan	3.1	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$8,760,000	Local, FEMA FMA, HUD CDBG-MIT	1.22	1.53	39	105	36	88
083000855	Rabbs Bayou Detention	Proposal of regional detention basin.	08000009	Fort Bend	120701040401, 120701040402, 120701040403, 120701040408	08000013	Regional Detention	Community Submittal from Master Drainage Plan	11.5	Riverine, Local	Fort Bend County	Fort Bend County, Fort Bend County Drainage District	Yes	\$8,699,000	Local, FEMA FMA, HUD CDBG-MIT	2.51	3.98	276	1,012	260	891
083001062	Hazelwood Crossing	Construction of a bridge to allow for neighborhood access during storm events.	08000009	McLennan	120602020801	08000002	Low Water Crossing or Bridge Improvements	Community Submittal	0.6	Riverine, Local	McLennan County	McLennan County, City of Lacey Lakeview	Yes	\$616,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.00	0.00	0	0	0	0

TWBD Table 16 -
Recommended Flood Mitigation Projects

Flood Risk Information																		Other Benefits										Recommendation Status	
FMP ID	Flood Risk					Reduction in Flood Risk												Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Benefit Cost Ratio	Recommendation Status	Recommendation Reason
	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)												
																													Provided by sponsor and is in line with the TWDB requirements.
083000829	0	0	2.5	14	3,908.5	2	22	0	10	29	0	0	1	3	3,393.4	0	0	5-year	100-year	\$3,916,000	0%	No	N/A	No	0.47	N/A	0.05	Yes	
083000834	1	0	38.5	322	748.1	1	0	0	0	0	0	0	31	236	4.2	0	0	2-year	100-year	N/A	0%	No	N/A	No	0.23	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000838	0	0	3.7	29	289.6	0	0	0	0	0	0	0	2	20	2.5	0	0	2-year	100-year	N/A	0%	No	N/A	No	0.14	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000841	0	0	10.2	75	162.8	0	0	0	0	0	0	0	7	37	85.1	0	0	2-year	100-year	N/A	0%	No	N/A	No	0.36	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000843	0	0	9.0	60	1,728.8	7	44	0	24	396	0	0	5	41	636.8	0	0	2-year	100-year	\$1,420,000	0%	No	N/A	No	0.42	N/A	0.06	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000847	0	0	9.2	77	10.2	0	0	0	0	0	0	0	3	21	2.0	0	0	2-year	100-year	N/A	0%	No	N/A	No	0.58	N/A	0.01	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000853	0	0	2.4	30	49.7	3	4	0	4	14	0	0	1	16	4.5	0	0	2-year	100-year	\$2,190,000	0%	No	N/A	No	0.31	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083000855	0	0	12.4	78	800.6	0	0	0	0	0	0	0	1	2	6.2	0	0	10-year	100-year	N/A	0%	No	N/A	No	0.37	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001062	0	0	0.0	0	0.0	0	0	0	0	0	0	0	0	0	0.0	0	0	10-year	100-year	N/A	0%	No	N/A	No	0.69	3,194	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWBD Table 16 -
Recommended Flood Mitigation Projects

General Information																Flood Risk					
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk
083001289	FM 219 and North Bosque River Crossing Improvement	Replacement of existing culverts with	000007, 080000	Bosque	120602040404	08000004	Low Water Crossing or	Lower Brazos RFP - T	3.8	Riverine	City of Clifton	City of Clifton, Bos	No	\$2,733,000	Local, TWDB FIF, TWDB CWSRF	0.92	1.12	N/A	N/A	N/A	N/A
083001290	Benching along Sulphur Creek Tributary	Benching along Sulphur Creek tributary.	08000009, 08000010	Lampasas	120702030306	08000010	Regional Channel Improvements	Lower Brazos RFP - Task 12	1.0	Riverine	City of Lampasas	City of Lampasas, Lampasas WCID, Lampasas County	No	\$1,132,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.04	0.04	15	17	3	32
083001291	Cemetery Creek Improvements	Channel and crossing improvements along Cemetary Creek - tributary to Sulphur Creek.	08000009	Lampasas	120702030306	08000010	Regional Channel Improvements	Lower Brazos RFP - Task 12	1.0	Riverine	City of Lampasas	City of Lampasas, Lampasas WCID, Lampasas County	Yes	\$13,305,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.27	0.34	630	1,000	327	4,168
083001292	Comanche Detention	Addition of detention and channel benching	08000009	Comanche	120702010502	08000008	Comprehensive Drainage Improvements	Lower Brazos RFP - Task 12	7.0	Riverine	City of Comanche	City of Comanche, Comanche County	No	\$46,985,220	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	3.80	4.26	201	254	127	538
083001293	US180 Rock Creek Overbank Crossing	Culvert improvement and detention	08000009	Parker	120602011103	08000001	Low Water Crossing or	Lower Brazos RFP - T	1.4	Riverine	Parker County, P	Parker County, Pa	No	\$10,129,330	Local, TWDB FIF, TWDB CWSRF	0.65	0.76	20	30	N/A	82
083001294	US180 Rock Creek Tributary 1 Crossing	Culvert improvement and channel b	08000009	Palo Pinto	120602011103	08000001	Low Water Crossing or	Lower Brazos RFP - T	0.0	Riverine	Parker County, P	Palo Pinto County	No	\$1,236,985	Local, TWDB FIF, TWDB CWSRF	0.01	0.01	0	0	N/A	0
083001298	Prairie Wind Alternative 2	Includes channel excavation, creation of an additional channel, and (5)10'x6' RCB	08000007, 08000008, 08000009, 08000010	Erath	120602040102	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	1.6	Riverine, Local	City of Stephenville	City of Stephenville, Erath County	No	\$6,182,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.06	0.06	8	10	8	23
083001299	Lingleville Alternative 2	Includes (4)10'x6' RCB and upstream grading	08000007, 08000008	Erath	120602040102	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	0.7	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$2,014,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.02	0.02	0	0	0	0

TWBD Table 16 -
Recommended Flood Mitigation Projects

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TWBD Table 16 -
Recommended Flood Mitigation Projects

General Information																Flood Risk					
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE) Flood Risk
083001300	County Road 256 Alternative 1	Includes raising the road, (7)10'x9' RCB, and grading along the river	08000007, 08000008, 08000009, 08000010	Erath	120602040103	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	4.3	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$4,145,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.29	0.32	4	4	4	2
083001301	Morgan Mill Alternative 1	Includes minor grading and (6)12'x7' RCB	08000007, 08000008, 08000009, 08000010	Erath	120602040103	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	3.9	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$2,661,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.14	0.15	18	22	10	31
083001302	Long St Alternative 1	Includes installing a 425' span bridge with road elevation on either side	08000007, 08000008	Erath	120602040101, 120602040102, 120602040103	North Bosque	Low Water Crossing or Bridge Improvements	North Bosque River Watershed FIF	133.4	Riverine	City of Stephenville	City of Stephenville, Erath County	No	\$8,993,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	10.59	10.72	5	28	5	10
083001303	Weaver Creek and Main Street Culvert Improvements	Detention pond, channel improvements, and culvert improvements.	08000009	Eastland	120702010105	Leon	Comprehensive Drainage Improvements	Leon River Watershed Study FIF	2552.0	Riverine	City of Eastland	City of Eastland, Eastland County	No	\$6,848,016	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2.54	2.81	282	322	161	764
083001304	Tributary 3 and UPPR Culvert Improvements	Culvert improvements; upstream and downstream channel improvements.	08000009	Eastland	120702010105	Leon	Comprehensive Drainage Improvements	Leon River Watershed Study FIF	225.0	Riverine	City of Eastland	City of Eastland, Eastland County	No	\$2,912,398	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2.53	2.82	229	288	113	583
083001305	Lake Eastland CIP 3.5	Reconstruction of primary Lake Eastland spillway.	08000009	Eastland	120702010105	Leon	Comprehensive Drainage Improvements	Leon River Watershed Study FIF	21542.0	Riverine	City of Eastland	City of Eastland, Eastland County	No	\$15,700,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	2.53	2.80	277	317	160	756
083001306	Mallard Lane	Proposed storm drainage system located along Summit Circle, Kingston Circle, Mallard Lane, and Greenlawn Drive. Approximately 2,000 linear ft.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.5	Riverine, Local	City of Taylor	City of Taylor	No	\$1,620,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.14	N/A	35	N/A	33	105
083001307	TH Johnson	Proposed channel located south of TH Johnson Drive and discharging into Bull Branch, including approximately 500 feet of new concrete channel, and the installation of 3 RCB culverts at Crystal Circle	08000009	Williamson	120702050405	San Gabriel	Regional Channel Improvements	City Personnel; City Drainage Master Plan	0.6	Riverine, Local	City of Taylor	City of Taylor	No	\$489,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.19	N/A	10	N/A	10	30
083001308	Davis St	Proposed storm sewer along Davis Street from 8th Street to 2nd Street that discharges to the existing outfall in the railroad drainage ditch to the north of the railroad and ties into 2nd st existing drainage system. Approximately 3,750 linear ft of RCP.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.5	Riverine, Local	City of Taylor	City of Taylor	No	\$4,270,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.15	N/A	23	N/A	17	111

TWBD Table 16 -
Recommended Flood Mitigation Projects

Flood Risk Information																		Other Benefits											Recommendation Status	
FMP ID	Flood Risk					Reduction in Flood Risk													Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Benefit Cost Ratio	Recommendation Status	Recommendation Reason
	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)													
083001300	0	1	0.1	10	0.0	3	1	0	1	0	0	0	0	8	0.0	0	0	< 2-Year	5-Year	\$4,145,000	0%	No	N/A	No	0.39	336	0.50	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001301	0	1	0.3	5	0.0	5	13	13	7	20	0	1	0	5	0.0	0	0	2-Year	100-Year	\$204,692	0%	No	N/A	No	0.57	10,668	1.80	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001302	0	1	0.2	10	0.0	0	0	0	0	0	0	1	0	10	0.0	0	0	< 2-Year	100-Year	N/A	0%	No	N/A	No	0.68	244	0.10	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001303	1	0	11.9	4	28.4	N/A	2	0	0	11	0	0	1	10	0.0	0	0	2-Year	100-Year	\$476,205	0%	No	N/A	No	0.70	N/A	0.10	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001304	1	0	11.7	0	27.6	N/A	55	33	48	192	0	0	1	0	0.2	0	0	10-Year	100-Year	\$14,711	0%	No	N/A	No	0.70	N/A	0.30	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001305	1	0	12.0	0	26.6	N/A	7	4	1	19	0	0	1	0	1.2	0	0	10-Year	100-Year	\$301,464	0%	No	N/A	No	0.70	N/A	0.20	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001306	0	0	0.0	0	N/A	33	2	N/A	2	6	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$810,000	0%	No	N/A	No	0.33	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001307	0	0	0.0	0	N/A	10	0	N/A	0	0	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$489,000	0%	No	N/A	No	0.33	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.	
083001308	0	0	0.0	0	N/A	10	13	N/A	9	67	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$328,000	0%	No	N/A	No	0.37	N/A	0.10	Yes	Provided by sponsor and is in line with the TWDB requirements.	

TWBD Table 16 -
Recommended Flood Mitigation Projects

General Information																Flood Risk					
FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC 12s	Watersheds	Project Type	Project Source	Project Area	Flood Risk Type	Sponsor	Entities with Oversight	Emergency Need	Estimated Project Cost	Potential Funding Sources and Amount	Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year (1% ACE) Flood Risk	Estimated Number of Structures at 500-year (0.2% ACE) Flood Risk	Residential Structures at 100-year (1% ACE) Flood Risk	Estimated Population at 100-year (1% ACE)Flood Risk
083001309	Bel-Air	Proposed storm sewer system located along Bel-Air Drive, Dellinger Drive, and Randall Street that discharges into Bull Branch. Approximately 1,365 linear ft.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.2	Riverine, Local	City of Taylor	City of Taylor	No	\$903,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.05	N/A	9	N/A	9	27
083001310	Annie St	Proposed storm sewer along Annie Street, Howard Street, and 7th Street that discharges to a new outfall in the railroad drainage ditch to the south of 2nd street. Approximately 4,000 linear ft of RCP.	08000009	Williamson	120702050405	San Gabriel	Storm Drain	City Personnel; City Drainage Master Plan	0.5	Riverine, Local	City of Taylor	City of Taylor	No	\$2,626,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.15	N/A	14	N/A	14	42
083001311	Sun Valley Neighborhood Levee	Buyouts, construction of levee, and storm sewer.	08000009	Coryell	120702010902	Leon	Comprehensive Drainage Improvements	City of Gatesville MDP FIF	8.5	Riverine	City of Gatesville	City of Gatesville	No	\$1,594,290	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	105.00	154.00	43	0	43	129
083001312	Straws Mill Road LWC	Includes raising the road and adding culverts at crossing.	08000008	Coryell	120702010905	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	4.2	Riverine	City of Gatesville	City of Gatesville	No	\$1,021,710	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.00	0.00	0	0	0	0
083001313	Leon WWTP Parapet Wall	Construction of ring parapet.	08000009	Coryell	120702010902	Leon	Comprehensive Drainage Improvements	City of Gatesville MDP FIF	1098.0	Riverine	City of Gatesville	City of Gatesville	Yes	\$642,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.00	0.00	0	0	0	9
083001314	Arrowood Lane Culvert	Construction of arch culvert and channel improvements.	08000008	Coryell	120702010902	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	2.2	Riverine	City of Gatesville	City of Gatesville	No	\$776,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.00	0.00	0	0	0	0
083001315	SH 36 Culverts	Construction of 2 additional culverts at crossing.	08000008	Coryell	120702010902	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	2.2	Riverine	City of Gatesville	City of Gatesville	No	\$328,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.00	0.00	0	0	0	3
083001316	FM 929 Culverts	Construction of culvert and channel improvements.	08000008	Coryell	120702010906	Leon	Low Water Crossing or Bridge Improvements	City of Gatesville MDP FIF	1.9	Riverine	City of Gatesville	City of Gatesville	No	\$1,535,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	0.00	0.00	0	0	0	42

TWBD Table 16 -
Recommended Flood Mitigation Projects

Flood Risk Information																		Other Benefits										Recommendation Status	
FMP ID	Flood Risk					Reduction in Flood Risk												Pre-Project Level of Service	Post-Project Level of Service	Cost per Structure Removed	Percent Nature-Based Solution (by cost)	Negative Impact Caused by Project?	Negative Impact Mitigation	Water Supply Benefits	Social Vulnerability Index (SVI)	Traffic Count for Low Water Crossings	Benefit Cost Ratio	Recommendation Status	Recommendation Reason
	Critical Facilities at 100-year (1% ACE) Flood Risk	Number of Low Water Crossings 100-year (1% ACE) at Flood Risk	Estimated Length of Roads at 100-year (1% ACE) Flood Risk (mi)	Estimated Number of Road Closures	Estimated Farm & Ranch Land at 100-year (1% ACE) Flood Risk (ac)	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Residential Structures Removed from 100-year (1% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads Removed from 100-year (1% ACE) Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Farm & Ranch Land Removed from 100-year (1% ACE) Flood Risk	Estimated Reduction in Facilities (if available)	Estimated Reduction in Injuries (if available)												
083001309	0	0	0.0	0	N/A	8	1	N/A	1	3	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$903,000	0%	No	N/A	No	0.33	N/A	0.00	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001310	0	0	0.0	0	N/A	6	8	N/A	8	24	0	0	0	0	N/A	0	0	< 2-Year	100-Year	\$438,000	0%	No	N/A	No	0.37	N/A	0.30	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001311	0	0	0.4	1	0.0	0	43	0	43	129	0	0	0	1	70.0	0	0	10-Year	100-Year	\$31,107	0%	No	N/A	No	0.68	112	1.38	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001312	0	1	0.4	1	0.0	0	0	0	0	0	0	1	0	1	0.0	0	0	2-Year	100-Year	N/A	0%	No	N/A	No	0.51	555	1.81	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001313	0	0	0.0	0	0.0	0	3	0	0	9	1	0	0	0	0.0	0	0	Unknown	Unknown	N/A	0%	No	N/A	No	0.51	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001314	0	0	0.0	0	0.0	1	0	0	0	0	0	0	0	0	0.0	0	0	Unknown	Unknown	N/A	0%	No	N/A	No	0.68	25	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001315	0	0	0.0	0	0.0	1	1	0	1	3	0	0	0	0	0.0	0	0	Unknown	Unknown	N/A	0%	No	N/A	No	0.68	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
083001316	0	0	0.0	0	0.0	0	14	0	14	42	0	0	0	0	0.0	0	0	Unknown	Unknown	N/A	0%	No	N/A	No	0.35	1,469	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.

TWDB Table 17 -
Recommended Flood Management Strategy

TWDB Table 17 - Potentially Feasible Flood Management Strategies Recommended by RFPG																				
General Information											Flood Risk Information									
FMS ID	FMS Name	Description	Associated Goals (ID)	County	Strategy Type	Strategy Area (sq mi)	Sponsor	Estimated Strategy Cost	Non-Recurring, Non-Capitol Cost	Potential Funding Sources	Flood Risk									
											Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk 9ac)
082000059	Evaluation of Flood Control Projects Phase 2	Implement design, construction, and maintenance criteria for new City-owned flood control projects; Document retrofitting/non-structural control activities on existing City-owned flood control structures	08000009	Fort Bend	Other	31	City of Sugar Land	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082000071	Sugar Land MDP - Early Flood Warning System	Engage regional partners in developing a flood warning system.	08000016	Fort Bend	Flood Measurement and Warning	31	City of Sugar Land	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082000074	Sugar Land MDP - Regional Drainage & Drainage Entities	Consider establishing a single regional drainage entity to manage all aspects of drainage.	08000003	Fort Bend	Regulatory and Guidance	31	City of Sugar Land	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082000857	Project Brazos	Stabilization efforts for 11 identified locations along the Brazos River throughout Fort Bend County	08000009	Fort Bend	Infrastructure Projects	625	Fort Bend County	\$360,000,000	\$100,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082000928	City of Georgetown Lift Station Floodproofing	Flood proof city lift stations and manholes located in the SFHA.	08000012	Williamson	Infrastructure Projects	59	City of Georgetown	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082000933	City of Hutto Acquire Flood Prone Land	Dedicate acquired, undeveloped land to open space areas to prevent development.	08000009	Williamson	Other	12	City of Hutto	\$1,000,000	\$1,000,000	Local, TWDB FIF, FEMA HMGP, TWDB CWSRF, FEMA BRIC, FEMA FMA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082000938	City of Leander Automated Barriers	Install low water crossing automated barriers and warning signs.	08000007	Williamson	Other	28	City of Leander	\$500,000	\$500,000	Local, TWDB FIF, FEMA HMGP, FEMA BRIC, FEMA FMA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001113	City of College Station Early Flood Warning System	Implement system to monitor flood waters, notify public officials of flooded roadways, and trigger automatic warnings for road users.	08000019	Brazos	Flood Measurement and Warning	51	City of College Station	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001139	City of Bryan Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Brazos	Property Acquisition and Structural Elevation	45	City of Bryan	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001140	City of College Station Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	Brazos	Property Acquisition and Structural Elevation	51	City of College Station	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001143	City of Waco Property Acquisition	Buyout program for structures located in flood hazard areas.	08000009	McLennan	Property Acquisition and Structural Elevation	100	City of Waco	\$1,400,000	\$1,400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001306	EWS Implementation Study and Installation Gages and Repeater	Study to determine optimal placement of gages and repeater within the County. Includes coordination with Harris County Flood Control District to integrate proposed gages into their early flood warning system.	08000016	Grimes	Flood Measurement and Warning	799	Grimes County	\$200,000	\$200,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TWDB Table 17 -
Recommended Flood Management Strategy

	TWDB Table 17 - Potentially Feasible Flood Management Strategies Recommended by RFPG												
Flood Risk Information												Recommendation	
FMS ID	Reduction in Flood Risk											RFPG Recommendation	Reason for Recommendation
	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Reduction in Road Closure Occurances	Estimated Active Farm & Ranch Land Removed from 100-year Flood Risk (ac)	Estimated Reduction in Fatalities	Estimated Reduction in Injuries		
082000059	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082000071	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082000074	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082000857	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082000928	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082000933	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082000938	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082001113	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082001139	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	No Yes	No official sponsor. Provided by sponsor and is in line with the TWDB requirements.
082001140	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082001143	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with the TWDB requirements.
082001306	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.

TWDB Table 17 -
Recommended Flood Management Strategy

General Information											Flood Risk Information									
FMS ID	FMS Name	Description	Associated Goals (ID)	County	Strategy Type	Strategy Area (sq mi)	Sponsor	Estimated Strategy Cost	Non-Recurring, Non-Capitol Cost	Potential Funding Sources	Flood Risk									
											Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk (ac)
082001307	Grimes County Property Acquisition	Property acquisition program for structures located in Zone A areas, areas of known flooding, and dam inundation areas to prevent repetitive losses.	08000009	Grimes	Infrastructure Projects	799	Grimes County	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001308	City of Killeen Flood-Prone/Repetitive Loss Properties	Acquire homes and properties in flood-prone areas to reduce loss of property and life in the event of a flood. This project will contribute to the elimination of flood risk damages to high-risk structures and prevent future losses in flood hazard areas.	08000009	Bell, Coryell	Property Acquisition and Structural Elevation	55	City of Killeen	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001309	Brazos County Drainage Criteria Manual Development	Creation and adoption of a county drainage criteria manual.	08000001, 08000003	Brazos	Regulatory and Guidance	588	Brazos County	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001310	Brazos County Early Flood Warning System	Development of an early flood warning system for Brazos County including identification of potential gauge placements, development of any necessary software and GUI to monitor risk at gauged locations, and incorporation with County's existing systems.	08000016	Brazos	Flood Measurement and Warning	588	Brazos County	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001311	Regrading and Clear Out of College Station Creeks	Assessment and performance of potential impacts and benefits associated with the recovery of creek capacity through sedimentation removal and similar efforts.	08000009	Brazos	Infrastructure Projects	51	City of College Station	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001312	College Station Drainage Criteria Update	Update to reflect latest data, industry practices, and technology advancements. Including a detailed assessment of the functionality of existing detention facilities in the city and any potential improvements to the regulation of detention pond design.	08000001, 08000003	Brazos	Regulatory and Guidance	51	City of College Station	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001313	City of Killeen Stream Gauge Installation - Emergency Management	Install stream gauges at multiple locations along the Little Nolan and South Nolan Creeks. Gauges would be used to monitor water levels and start the development of a city-wide flood alert system to assist emergency management decisions.	08000016	Bell, Coryell	Flood Measurement and Warning	113	City of Killeen	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001314	Cedar Park Drainage Infrastructure Assessment	City-wide inventory and assessment of drainage related infrastructure.	08000013	Travis, Williamson	Other	26	City of Cedar Park	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001315	Cedar Park Property Acquisition	Property acquisition program with a prioritization of residential structures in the FEMA regulatory floodway and floodplain.	08000009	Travis, Williamson	Property Acquisition and Structural Elevation	26	City of Cedar Park	\$1,000,000	\$1,000,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001316	Cedar Park Drainage Criteria Manual	Creation and adoption of a draiange criteria manual for the City of Cedar Park.	08000001, 08000003	Travis, Williamson	Regulatory and Guidance	26	City of Cedar Park	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TWDB Table 17 -
Recommended Flood Management Strategy

Flood Risk Information												Recommendation	
FMS ID	Reduction in Flood Risk											RFPG Recommendation	Reason for Recommendation
	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Active Farm & Ranch Land Removed from 100-year Flood Risk (ac)	Estimated Reduction in Fatalities	Estimated Reduction in Injuries		
082001307	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001308	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001309	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001310	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001311	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001312	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001313	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001314	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001315	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001316	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.

TWDB Table 17 -
Recommended Flood Management Strategy

General Information											Flood Risk Information									
FMS ID	FMS Name	Description	Associated Goals (ID)	County	Strategy Type	Strategy Area (sq mi)	Sponsor	Estimated Strategy Cost	Non-Recurring, Non-Capitol Cost	Potential Funding Sources	Flood Risk									
											Area in 100-year (1% ACE) Floodplain (sq mi)	Area in 500-year (0.2% ACE) Floodplain (sq mi)	Estimated Number of Structures at 100-year Flood Risk	Residential Structures at Flood Risk	Estimated Population at Flood Risk	Critical Facilities at Flood Risk	Number of Low Water Crossings at Flood Risk	Estimated Number of Road Closures	Estimated Length of Roads at Flood Risk (mi)	Estimated Farm & Ranch Land at Flood Risk 9ac)
082001317	Cedar Park Outreach and Education Program	Development of interactive stormwater models and virtual education programs to inform public of flood related risk.	08000019	Travis, Williamson	Education and Outreach	26	City of Cedar Park	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001318	Cedar Park Early Flood Warning System	Development of an early flood warning system for City of Cedar Park including identification of potential gauge placements, development of necessary software and GUI to monitor risk at gauged locations, and incorporation with existing systems.	08000016	Travis, Williamson	Flood Measurement and Warning	26	City of Cedar Park	\$500,000	\$500,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001319	City of Round Rock Regional Stormwater Management Program Fee Study	Develop a fee calculation method to correlate pond construction and land costs with development impervious cover and land area. Develop recommendations for cost indices to update the fees on an annual basis in the City's Annual Fee Ordinance.	08000001, 08000003	Travis, Williamson	Regulatory and Guidance	38	City of Round Rock	\$250,000	\$250,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001320	Community Rating System Application	Prepare and submit City's CRS application.	08000001, 08000003	McLennan	Regulatory and Guidance	101	City of Waco	\$300,000	\$300,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001321	Open Channel System Inventory and Assessment	Map, catalog and assess the City's open channel systems to assist creation of a recurring open channel maintenance plan.	08000013	McLennan	Infrastructure Projects	101	City of Waco	\$400,000	\$400,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001322	Ordinance Development for a Voluntary Buyout Program	Ordinance creation to establish a Voluntary Buyout Program.	08000009	McLennan	Regulatory and Guidance	101	City of Waco	\$150,000	\$150,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001323	Williamson County Drainage Criteria Manual	Update of the County drainage criteria manual, including an assessment of guidelines pertaining to regional detention.	08000001, 08000003	Williamson	Regulatory and Guidance	1131	Williamson County	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001324	Urban Storm System Assessment and Mapping	Assessment (includes cleaning and CCTV video) of the City's downtown urban storm system will allow evaluation and prioritization of storm infrastructure needs.	08000013	McLennan	Infrastructure Projects	1	City of Waco	\$1,800,000	\$1,800,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
082001325	City of Bryan - Flood Early Warning System ("B-FEWS") Phase 2	Gauging improvements and upgrades (software and hardware) to the existing flood early warning system with the potential for additional sensors in newly identified areas of need.	08000016	Brazos	Flood Measurement and Warning	54	City of Bryan	\$350,000	\$350,000	Local, TWDB FIF, TWDB CWSRF, FEMA HMGP, FEMA BRIC, FEMA FMA, HUD CDBG-MIT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

TWDB Table 17 -
Recommended Flood Management Strategy

Flood Risk Information												Recommendation	
FMS ID	Reduction in Flood Risk											RFPG Recommendation	Reason for Recommendation
	Number of Structures with Reduced 100-year (1% ACE) Flood Risk	Number of Structures Removed from 100-year (1% ACE) Flood Risk	Number of Structures Removed from 500-year (0.2% ACE) Flood Risk	Estimated Population Removed from 100-year (1% ACE) Flood Risk	Critical Facilities Removed from 100-year (1% ACE) Flood Risk	Number of Low Water Crossings Removed from 100-year (1% ACE) Flood Risk	Estimated Length of Roads from 100-year Flood Risk (mi)	Estimated Reduction in Road Closure Occurrences	Estimated Active Farm & Ranch Land Removed from 100-year Flood Risk (ac)	Estimated Reduction in Fatalities	Estimated Reduction in Injuries		
082001317	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001318	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001319	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001320	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001321	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001322	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001323	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001324	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.
082001325	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Provided by sponsor and is in line with TWDB and RFPG requirements.

TWDB Table 19 - FMS, FMP, and FME Funding Survey Template Format												
RFPG No.	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS / FMP / FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-Construction Costs	Construction Related Costs	Total Estimated Cost	Sponsor Funding		Other Funding Needed (Including state, deferal and/or other funding)	TOTAL
									Anticipated Source of Sponsor Funding (e.g., taxes; general revenue dedicated revenue incl. fees)	Funding to be Financed by Sponsored (Including local, county, or regional mechanisms available but not yet fully utilized)		
8	Bartlett	FME	North Front Crossing Culvert Improvements at Town Branch	081001323	2034	\$15,000	N/A	\$15,000			100%	100%
8	Bartlett	FME	TX 95 Crossing Channel Improvements at Town Branch	081001324	2034	\$30,000	N/A	\$30,000			100%	100%
8	Bartlett	FME	West Clark Street and West Front Street Storm Sewer Improvements	081001325	2034	\$15,000	N/A	\$15,000			100%	100%
8	Bartlett	FME	West Bartlett Drainage Improvements	081001326	2034	\$35,000	N/A	\$35,000			100%	100%
8	Bartlett	FME	East Bartlett Drainage Improvements	081001327	2034	\$40,000	N/A	\$40,000			100%	100%
8	Bartlett	FME	Bell Street and Front Street Drainage Improvements	081001328	2034	\$75,000	N/A	\$75,000			100%	100%
8	Bellmead	FME	City of Bellmead Drainage Study	081001331	2034	\$575,000	N/A	\$575,000			100%	100%
8	Brazos County	FME	East Brazos County Master Drainage Plan	081001320	2034	\$1,430,000	N/A	\$1,430,000			100%	100%
8	Brazos County	FME	Brazos County Flood Risk Assessment	081001359	2034	\$1,700,000	N/A	\$1,700,000			100%	100%
8	Brazos County	FME	Brazos River Flood Study (Brazos County)	081001380	2034	\$400,000	N/A	\$400,000			100%	100%
8	Brazos County	FME	Dam Failure Analysis for Bryan Utilities Lake	081000233	2034	\$136,000	N/A	\$136,000			100%	100%
8	Brazos County	FMS	Brazos County Drainage Criteria Manual Development	082001309	2034	\$350,000	N/A	\$350,000			100%	100%
8	Brazos County	FMS	Brazos County Early Flood Warning System	082001310	2034	\$500,000	N/A	\$500,000			100%	100%
8	Bryan	FME	Briar Creek Improvements	081000646	2034	\$364,000	N/A	\$364,000			100%	100%
8	Bryan	FME	Subdivision Flooding Mitigation near Sewer Creek	081000657	2034	\$83,000	N/A	\$83,000			100%	100%
8	Bryan	FME	Burton Creek Crossings	081000663	2034	\$100,000	N/A	\$100,000			100%	100%
8	Bryan	FME	Burton Creek Trib C Improvements	081000669	2034	\$100,000	N/A	\$100,000			100%	100%
8	Bryan	FME	Burton Creek Trib D Improvements	081000671	2034	\$214,000	N/A	\$214,000			100%	100%
8	Bryan	FME	Burton Creek Main Stem Improvements	081000678	2034	\$514,000	N/A	\$514,000			100%	100%
8	Bryan	FME	Oakridge Drive and Barak Lake	081000686	2034	\$129,000	N/A	\$129,000			100%	100%
8	Bryan	FME	Burton Creek Trib 5 Mitigation	081000690	2034	\$194,000	N/A	\$194,000			100%	100%
8	Bryan	FME	Briar Oaks Drive Storm Sewer Improvements	081000706	2034	\$50,000	N/A	\$50,000			100%	100%
8	Bryan	FME	Carter's Creek Crossing Improvements	081000712	2034	\$108,000	N/A	\$108,000			100%	100%
8	Bryan	FME	Pecan Ridge Subdivision Flooding	081000716	2034	\$50,000	N/A	\$50,000			100%	100%
8	Bryan	FME	Old Reliance Road Overtopping	081000717	2034	\$51,000	N/A	\$51,000			100%	100%
8	Bryan	FME	Castle Heights Subdivision Flooding	081000718	2034	\$221,000	N/A	\$221,000			100%	100%
8	Bryan	FME	Carter's Creek Trib B Crossing Improvements	081000719	2034	\$127,000	N/A	\$127,000			100%	100%
8	Bryan	FME	Hudson Creek Regional Detention	081000999	2034	\$160,000	N/A	\$160,000			100%	100%
8	Bryan	FME	Tennessee Avenue Crossing	081001003	2034	\$50,000	N/A	\$50,000			100%	100%
8	Bryan	FME	Lynndale Acres Ph 2: Old Hearne and McHaney Street	081001005	2034	\$73,000	N/A	\$73,000			100%	100%
8	Bryan	FME	Thompsons Branch & SH 6 Drainage Improvements	081001009	2034	\$137,000	N/A	\$137,000			100%	100%

TWDB Table 19 - FMS, FMP, and FME Funding Survey Template Format												
RFPG No.	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS / FMP / FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-Construction Costs	Construction Related Costs	Total Estimated Cost	Sponsor Funding		Other Funding Needed (Including state, deferal and/or other funding)	TOTAL
									Anticipated Source of Sponsor Funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	Funding to be Financed by Sponsored (Including local, county, or regional mechanisms available but not yet fully utilized)		
8	Bryan	FME	Turkey Creek Drainage Improvements	081001015	2034	\$222,000	N/A	\$222,000			100%	100%
8	Bryan	FME	South Fork of Turkey Creek Improvements	081001020	2034	\$61,000	N/A	\$61,000			100%	100%
8	Bryan	FME	Burton Creek Extension of Flood Study	081001021	2034	\$71,000	N/A	\$71,000			100%	100%
8	Bryan	FME	Thompson Creek Floodplain Study from RELLIS to HW 6 to Establish Floodway	081001022	2034	\$164,000	N/A	\$164,000			100%	100%
8	Bryan	FME	Study Wickerson Creek for Floodplain/Floodway from FM 974 to Navasota River	081001023	2034	\$436,000	N/A	\$436,000			100%	100%
8	Bryan	FME	Citywide FEMA Flood Study	081001027	2034	\$241,000	N/A	\$241,000			100%	100%
8	Bryan	FME	Brushy Creek Flood Study Extension	081001032	2034	\$92,000	N/A	\$92,000			100%	100%
8	Bryan	FME	Philips Event Center Detention Pond at Hole 8 - Maintenance and Dredging	081001033	2034	\$129,000	N/A	\$129,000			100%	100%
8	Bryan	FME	Improve Undersized Storm Sewers in Briar Creek DB	081001035	2034	\$100,000	N/A	\$100,000			100%	100%
8	Bryan	FME	Improve Undersized Storm Sewers in Burton Creek DB	081001036	2034	\$300,000	N/A	\$300,000			100%	100%
8	Bryan	FME	Improve Undersized Storm Sewers in Carter Creek DB	081001037	2034	\$100,000	N/A	\$100,000			100%	100%
8	Bryan	FME	Improve Undersized Storm Sewers in Hudson Creek DB	081001038	2034	\$100,000	N/A	\$100,000			100%	100%
8	Bryan	FME	Improve Undersized Storm Sewers in Cottonwood Branch/Still Creek DB	081001039	2034	\$100,000	N/A	\$100,000			100%	100%
8	Bryan	FME	Improve Undersized Storm Sewers in Turkey Creek DB	081001040	2034	\$100,000	N/A	\$100,000			100%	100%
8	Bryan	FME	Carters Creek	081001276	2034	\$304,000	N/A	\$304,000			100%	100%
8	Bryan	FMP	826 & 827 Vine St Property Flooding	083000709	2034	N/A	\$600,000	\$600,000			100%	100%
8	Bryan	FMP	Bryan Boonville and Briarcrest Bridges	083000712	2034	N/A	\$12,313,000	\$12,313,000			100%	100%
8	Bryan	FME	City of Bryan Stormwater Master Plan Update	081001321	2034	\$500,000	N/A	\$500,000			100%	100%
8	Bryan	FME	Still Creek Detention Pond Study	081001349	2034	\$270,000	N/A	\$270,000			100%	100%
8	Bryan	FME	Burton Creek Channel Improvements	081001350	2034	\$265,000	N/A	\$265,000			100%	100%
8	Bryan	FME	City of Bryan Flood Study	081000228	2034	\$584,000	N/A	\$584,000			100%	100%
8	Bryan	FMS	City of Bryan - Flood Early Warning System ("B-FEWS") Phase 2	082001325	2034	\$350,000	N/A	\$350,000			100%	100%
8	Bryan	FMS	City of Bryan Property Acquisition	082001139	2034	\$1,000,000	N/A	\$1,000,000			100%	100%
8	Burleson County	FME	Old River Drainage Study	081001351	2034	\$550,000	N/A	\$550,000			100%	100%
8	Cedar Park	FME	Cedar Park Drainage Master Plan	081001299	2034	\$500,000	N/A	\$500,000			100%	100%
8	Cedar Park	FME	Cluck Creek Channel Improvements	081001352	2034	\$155,000	N/A	\$155,000			100%	100%
8	Cedar Park	FME	Blockhouse Creek Channel Improvements Phase II	081001353	2034	\$100,000	N/A	\$100,000			100%	100%
8	Cedar Park	FMS	Cedar Park Drainage Infrastructure Assessment	082001314	2034	\$500,000	N/A	\$500,000			100%	100%
8	Cedar Park	FMS	Cedar Park Property Acquisition	082001315	2034	\$1,000,000	N/A	\$1,000,000			100%	100%

TWDB Table 19 - FMS, FMP, and FME Funding Survey Template Format												
RFPG No.	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS / FMP / FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-Construction Costs	Construction Related Costs	Total Estimated Cost	Sponsor Funding		Other Funding Needed (Including state, deferal and/or other funding)	TOTAL
									Anticipated Source of Sponsor Funding (e.g., taxes; general revenue; dedicated revenue incl. fees)	Funding to be Financed by Sponsored (Including local, county, or regional mechanisms available but not yet fully utilized)		
8	Cedar Park	FMS	Cedar Park Drainage Criteria Manual	082001316	2034	\$350,000	N/A	\$350,000			100%	100%
8	Cedar Park	FMS	Cedar Park Outreach and Education Program	082001317	2034	\$500,000	N/A	\$500,000			100%	100%
8	Cedar Park	FMS	Cedar Park Early Flood Warning System	082001318	2034	\$500,000	N/A	\$500,000			100%	100%
8	Clifton	FME	City of Clifton Master Drainage Plan	081001304	2034	\$150,000	N/A	\$150,000			100%	100%
8	Clifton	FMP	FM 219 and North Bosque River Crossing Improvement	083001289	2034	N/A	\$2,733,000	\$2,733,000			100%	100%
8	College Station	FME	Bee Creek Basin Detention Pond	081000226	2034	\$111,000	N/A	\$111,000	None	0%	100%	100%
8	College Station	FME	Carter's Creek Flood Study	081001065	2034	\$304,000	N/A	\$304,000	None	0%	100%	100%
8	College Station	FME	Hope's Creek Flood Study	081001066	2034	\$158,000	N/A	\$158,000	None	0%	100%	100%
8	College Station	FME	Peach Creek Flood Study	081001067	2034	\$84,000	N/A	\$84,000	None	0%	100%	100%
8	College Station	FME	Texas Ave Crossing & Channel Improvements (Hwy 6 to Texas) & Detenton Pond	081001148	2034	\$100,000	N/A	\$100,000	None	0%	100%	100%
8	College Station	FME	Hwy 6 Crossing & DS Channel Improvements	081001153	2034	\$100,000	N/A	\$100,000	None	0%	100%	100%
8	College Station	FME	FM 2818 Crossing & Channel Improvements (FM-2818 to Welsh) & Detention Pond	081001156	2034	\$100,000	N/A	\$100,000	None	0%	100%	100%
8	College Station	FMS	City of College Station Early Flood Warning System	082001113	2034	\$500,000	N/A	\$500,000	None	0%	100%	100%
8	College Station	FMS	City of College Station Property Acquisition	082001140	2034	\$500,000	N/A	\$500,000	None	0%	100%	100%
8	College Station	FME	College Station Master Drainage Plan	081001318	2034	\$820,000	N/A	\$820,000			100%	100%
8	College Station	FME	Alum Creek Watershed Study	081001336	2034	\$70,000	N/A	\$70,000			100%	100%
8	College Station	FME	Bee Creek Watershed Study	081001337	2034	\$80,000	N/A	\$80,000			100%	100%
8	College Station	FME	Burton Creek Watershed Study	081001338	2034	\$70,000	N/A	\$70,000			100%	100%
8	College Station	FME	Spring Creek Watershed Study	081001339	2034	\$50,000	N/A	\$50,000			100%	100%
8	College Station	FME	Turkey Creek Watershed Study	081001340	2034	\$70,000	N/A	\$70,000			100%	100%
8	College Station	FME	White Creek Watershed Study	081001341	2034	\$85,000	N/A	\$85,000			100%	100%
8	College Station	FME	Wolf Pen Creek Watershed Study	081001342	2034	\$50,000	N/A	\$50,000			100%	100%
8	College Station	FME	Harvey Hillside Creek Watershed Study	081001343	2034	\$50,000	N/A	\$50,000			100%	100%
8	College Station	FME	Carters Creek Geomorphology Study	081001344	2034	\$340,000	N/A	\$340,000			100%	100%
8	College Station	FME	Wolf Pen Creek Geomorphology Study	081001345	2034	\$75,000	N/A	\$75,000			100%	100%
8	College Station	FME	Project Development for Wolf Pen Creek Watershed	081001346	2034	\$150,000	N/A	\$150,000			100%	100%
8	College Station	FME	Project Development for Bee Creek Watershed	081001347	2034	\$150,000	N/A	\$150,000			100%	100%
8	College Station	FME	Project Development for Bee Creek Trib A Watershed	081001348	2034	\$150,000	N/A	\$150,000			100%	100%
8	College Station	FME	Lick Creek	081001279	2034	\$117,000	N/A	\$117,000			100%	100%
8	College Station	FMS	Regrading and Clear Out of College Station Creeks	082001311	2034	\$500,000	N/A	\$500,000			100%	100%

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						Non-Construction Costs	Construction Related Costs	Total Estimated Cost	Sponsor Funding		Other Funding Needed (Including state, deferal and/or other funding)	TOTAL
									Anticipated Source of Sponsor Funding (e.g., taxes; general revenue dedicated revenue incl. fees)	Funding to be Financed by Sponsored (Including local, county, or regional mechanisms available but not yet fully utilized)		
8	College Station	FMS	College Station Drainage Criteria Update	082001312	2034	\$350,000	N/A	\$350,000			100%	100%
8	Comanche	FMP	Comanche Detention	083001292	2034	\$46,985,000	N/A	\$46,985,000			100%	100%
8	Eastland	FMP	Weaver Creek & Main St Culverts	083001303	2034	\$6,848,000	N/A	\$6,848,000			100%	100%
8	Eastland	FMP	Trib 3 and Railroad Culverts	083001304	2034	\$2,912,000	N/A	\$2,912,000			100%	100%
8	Eastland	FMP	Lake Eastland CIP 3.5	083001305	2034	\$15,700,000	N/A	\$15,700,000			100%	100%
8	Falls County	FME	County Road 462 Crossing at Deer Creek Improvement	081001357	2034	\$95,000	N/A	\$95,000			100%	100%
8	Falls County	FME	State Highway 7 Roadway Improvement at Little Brazos River Crossing	081001358	2034	\$105,000	N/A	\$105,000			100%	100%
8	Fort Bend County Drainage District	FME	Andrus Creek Channel Improvements	081000785	2034	N/A	N/A	\$48,332,000	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FME	FBCDD Drop Structures - Condition Assessments & Upgrades	081001068	2034	\$2,712,000	N/A	\$2,712,000	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMS	Project Brazos	082000857	2034	\$360,000,000	N/A	\$360,000,000	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Bessie's & Brookshire Creek Channel Improvements	083000784	2034	N/A	\$285,000,000	\$285,000,000	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Bee Creek Channel Improvements	083000786	2034	N/A	\$38,770,735	\$38,770,735	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Big Creek Channel Improvements	083000797	2034	N/A	\$662,333,240	\$662,333,240	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Coon Creek Channel Improvements	083000800	2034	N/A	\$141,438,899	\$141,438,899	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Cow Creek Channel Improvements	083000801	2034	N/A	\$119,191,186	\$119,191,186	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Cottonwood Creek Channel Improvements	083000805	2034	N/A	\$182,426,286	\$182,426,286	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Diversion Channel Ditch and Drop Structure	083000809	2034	N/A	\$266,699,141	\$266,699,141	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Dry Creek Channel Improvements	083000811	2034	N/A	\$133,315,493	\$133,315,493	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Dutch John Channel Improvements	083000814	2034	N/A	\$39,100,606	\$39,100,606	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Fairchild Creek Channel Improvements	083000817	2034	N/A	\$190,447,765	\$190,447,765	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Flewellen Creek Channel Improvements	083000818	2034	N/A	\$542,725,000	\$542,725,000	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Gapps Slough Channel Improvements	083000820	2034	N/A	\$48,302,154	\$48,302,154	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Jones Creek Channel Improvements	083000821	2034	N/A	\$556,012,000	\$556,012,000	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Lateral IIB-7 & IIB-9 Channel Improvements	083000823	2034	N/A	\$62,287,268	\$62,287,268	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Lower Dry Creek Channel Improvement	083000827	2034	N/A	\$110,716,136	\$110,716,136	Bonds/Other Financing	10%	90%	100%

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						Non-Construction Costs	Construction Related Costs	Total Estimated Cost	Sponsor Funding		Other Funding Needed (Including state, deferal and/or other funding)	TOTAL
									Anticipated Source of Sponsor Funding (e.g., taxes; general revenue/ dedicated revenue incl. fees)	Funding to be Financed by Sponsored (Including local, county, or regional mechanisms available but not yet fully utilized)		
8	Fort Bend County Drainage District	FMP	Seabourne Creek Channel Improvements	083000828	2034	N/A	\$104,974,253	\$104,974,253	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Turkey Creek Channel Improvements	083000829	2034	N/A	\$86,161,458	\$86,161,458	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Oyster Creek Channel Improvements	083000834	2034	N/A	\$315,176,322	\$315,176,322	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Lower Oyster Creek Channel Improvements	083000838	2034	N/A	\$125,690,319	\$125,690,319	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Red Gully Channel Improvements	083000841	2034	N/A	\$46,718,937	\$46,718,937	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Bullhead Bayou Channels and Detention	083000843	2034	N/A	\$62,497,843	\$62,497,843	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Stafford Run Channels and Detentions	083000847	2034	N/A	\$15,611,610	\$15,611,610	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Long Point Creek Channel Improvements	083000853	2034	N/A	\$8,760,208	\$8,760,208	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FMP	Rabb's Bayou Detention	083000855	2034	N/A	\$8,699,000	\$8,699,000	Bonds/Other Financing	10%	90%	100%
8	Fort Bend County Drainage District	FME	Big Creek Grade Control Study	081001360	2034	\$370,000	N/A	\$370,000			100%	100%
8	Fort Bend County Drainage District	FME	Bessie's Creek Grade Control Study	081001361	2034	\$230,000	N/A	\$230,000			100%	100%
8	Fort Bend County Drainage District	FME	Stafford Run Improvements Study Update	081001362	2034	\$315,000	N/A	\$315,000			100%	100%
8	Fort Bend County Drainage District	FME	Brazos River Study Update (Fort Bend County)	081001363	2034	\$1,000,000	N/A	\$1,000,000			100%	100%
8	Fort Bend County Drainage District	FME	Fort Bend Extreme Event Levee Analysis & Evacuation Plan	081001378	2034	\$307,000	N/A	\$307,000			100%	100%
8	Fort Bend County Drainage District	FME	Fort Bend Master Drainage Plan Update	081001379	2034	\$3,000,000	N/A	\$3,000,000			100%	100%
8	Fulshear	FME	Fulshear Lakes Drainage Improvements	081000041	2034	\$151,000	N/A	\$151,000			100%	100%
8	Fulshear	FME	Lea/Penn and Red Bird Lane Improvements	081000042	2034	\$262,000	N/A	\$262,000			100%	100%
8	Gatesville	FMP	Sun Valley Levee	083001311	2028	\$289,310	\$1,110,500	\$1,399,810	FIF / SW Utility	25%	75%	100%
8	Gatesville	FMP	Straws Mill Road LWC	083001312	2026	\$68,500	\$342,360	\$410,860	FIF / SW Utility	25%	75%	100%
8	Gatesville	FMP	Leon WWTP Parapet Wall	083001313	2026	\$98,800	\$543,300	\$642,100	CWSRF	25%	75%	100%
8	Gatesville	FMP	Arrowwood Lane Culvert	083001314	2024	\$80,000	\$695,912	\$775,912	CDBG-DR MIT	10%	90%	100%
8	Gatesville	FMP	SH 36 Culvert	083001315	2040	\$54,700	\$273,440	\$328,140	TXDOT / SW Utility	25%	75%	100%
8	Gatesville	FMP	FM 929 Culverts	083001316	2036	\$335,400	\$1,199,850	\$1,535,250	TXDOT / SW Utility	25%	75%	100%
8	Georgetown	FME	City of Georgetown Increase River/Channel Flow Capacity	081000921	2034	\$606,000	N/A	\$606,000			100%	100%
8	Georgetown	FME	City of Georgetown River Erosion Control	081000922	2034	\$606,000	N/A	\$606,000			100%	100%
8	Georgetown	FME	City of Georgetown Culvert Improvements	081000924	2034	\$606,000	N/A	\$606,000			100%	100%
8	Georgetown	FME	Channel Stabilization	081000926	2034	\$556,000	N/A	\$556,000			100%	100%
8	Georgetown	FMS	City of Georgetown Lift Station Floodproofing	082000928	2034	\$0	N/A	\$0			100%	100%

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8	Gholson	FME	City of Gholson Drainage Master Plan	081001312	2034	\$250,000	N/A	\$250,000			100%	100%
8	Glen Rose	FME	Glen Rose Master Drainage Plan	081001305	2034	\$300,000	N/A	\$300,000			100%	100%
8	Grimes County	FME	Countywide Road Washout Study	081001365	2034	\$1,000,000	N/A	\$1,000,000			100%	100%
8	Grimes County	FME	Grimes County Road 162 Drainage Improvements	081001366	2034	\$195,000	N/A	\$195,000			100%	100%
8	Grimes County	FME	Evaluation of Culvert Enlargement and Bridge Elevation in Grimes County	081001367	2034	\$1,000,000	N/A	\$1,000,000			100%	100%
8	Grimes County	FME	Grimes County Flood Map Updates	081001368	2034	\$1,500,000	N/A	\$1,500,000			100%	100%
8	Grimes County	FME	Holland Creek Crossing Improvement Study	081001369	2034	\$595,000	N/A	\$595,000			100%	100%
8	Grimes County	FME	Rocky Creek Crossing Improvement Study	081001370	2034	\$515,000	N/A	\$515,000			100%	100%
8	Grimes County	FME	Gibbons Creek Crossing Improvement Study	081001371	2034	\$515,000	N/A	\$515,000			100%	100%
8	Grimes County	FME	Panther Creek Crossing Improvement Study	081001372	2034	\$310,000	N/A	\$310,000			100%	100%
8	Grimes County	FME	Ragan Creek Crossing Improvement Study	081001373	2034	\$235,000	N/A	\$235,000			100%	100%
8	Grimes County	FME	Morgan Creek Crossing Improvement Study	081001374	2034	\$295,000	N/A	\$295,000			100%	100%
8	Grimes County	FME	Neville Creek Crossing Improvement Study	081001375	2034	\$240,000	N/A	\$240,000			100%	100%
8	Grimes County	FMS	EWS Implementation Study and Installation Gages and Repeater	082001306	2034	\$200,000	N/A	\$200,000			100%	100%
8	Grimes County	FMS	Grimes County Property Acquisition	082001307	2034	\$350,000	N/A	\$350,000			100%	100%
8	Hewitt	FME	City of Hewitt Master Drainage Plan	081001306	2034	\$300,000	N/A	\$300,000			100%	100%
8	Hillsboro	FME	City of Hillsboro Drainage Master Plan	081001311	2034	\$300,000	N/A	\$300,000			100%	100%
8	Hutto	FMS	City of Hutto Acquire Flood Prone Land	082000933	2034	\$0	N/A	\$0			100%	100%
8	Jarrell	FME	Low Water Crossing Monitoring & Mitigation	081000934	2034	\$217,000	N/A	\$217,000			100%	100%
8	Jarrell	FME	Lift Station Floodproofing	081000936	2034	\$217,000	N/A	\$217,000			100%	100%
8	Killeen	FME	City of Killeen Low Water Crossing Flood Mitigation Phases 1 to 3	081001354	2034	\$1,000,000	N/A	\$1,000,000			100%	100%
8	Killeen	FME	Long Branch Environmental Improvements	081001355	2034	\$80,000	N/A	\$80,000			100%	100%
8	Killeen	FME	City of Killeen Drainage Master Plan	081001381	2034	\$2,500,000	N/A	\$2,500,000			100%	100%
8	Killeen	FME	Stewart Ditch Channel Repair and Improvements	081000779	2034	\$67,000	N/A	\$67,000			100%	100%
8	Killeen	FME	City of Killeen Early Flood Warning System	081001115	2034	\$100,000	N/A	\$100,000			100%	100%
8	Killeen	FMS	City of Killeen Flood-Prone/Repetitive Loss Properties	082001308	2034	\$1,000,000	N/A	\$1,000,000			100%	100%
8	Killeen	FMS	City of Killeen Stream Gauge Installation - Emergency Management	082001313	2034	\$500,000	N/A	\$500,000			100%	100%
8	Lacy-Lakeview	FME	City of Lacy Lakeview Drainage Master Plan	081001310	2034	\$300,000	N/A	\$300,000			100%	100%

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8	Lampasas	FMP	Tributary to Sulphur Creek Benching	083001290	2034	\$132,000	N/A	\$132,000			100%	100%
8	Lampasas	FMP	Cemetery Creek Channel and Crossing Improvements	083001291	2034	\$13,305,000	N/A	\$13,305,000			100%	100%
8	Leander	FMS	City of Leander Automated Barriers	082000938	2034	\$0	N/A	\$0			100%	100%
8	Lower Brushy Creek WCID	FME	Dam Emergency Action Plan	081000939	2033	\$500,000	N/A	\$500,000			100%	100%
8	Marlin	FME	City of Marlin Drainage Master Plan	081001313	2034	\$250,000	N/A	\$250,000			100%	100%
8	Marlin	FME	City of Marlin Preliminary Design for Service Spillway Replacements	081001329	2034	\$560,000	N/A	\$560,000			100%	100%
8	Mart	FME	City of Mart Drainage Master Plan	081001314	2034	\$250,000	N/A	\$250,000			100%	100%
8	Mart	FME	City of Mart Dam Rehabilitation Study	081001330	2034	\$250,000	N/A	\$250,000			100%	100%
8	McLennan County	FMP	Hazelwood Crossing	083001062	2034		N/A				100%	100%
8	Milam County	FME	Brushy Creek Crossing Roadway Improvement at North FM 908	081001332	2034	\$480,000	N/A	\$480,000			100%	100%
8	Milam County	FME	Brushy Creek Crossing Channel Improvement at South FM 486	081001333	2034	\$10,000	N/A	\$10,000			100%	100%
8	Milam County	FME	Davidson Creek Crossing Roadway Improvement at County Road 327	081001334	2034	\$115,000	N/A	\$115,000			100%	100%
8	Milam County	FME	Cedar Creek Crossing Improvement at County Road 330	081001335	2034	\$65,000	N/A	\$65,000			100%	100%
8	Mineral Wells	FMP	US180 Rock Creek Overbank Crossing	083001293	2034	N/A	\$10,129,326	\$10,129,326			100%	100%
8	Mineral Wells	FMP	US180 Rock Creek Tributary 1 Crossing	083001294	2034	N/A	\$1,236,985	\$1,236,985			100%	100%
8	Missouri City	FME	Lower Oyster Creek Improvements	081000973	2034	\$54,000	N/A	\$54,000			100%	100%
8	Morgan's Point Resort	FME	Morgan's Point Resort Master Drainage Plan	081001316	2034	\$500,000	N/A	\$500,000			100%	100%
8	Nolanville	FME	Nolanville Drainage Master Plan	081001298	2034		N/A				100%	100%
8	Robinson	FME	City of Robinson Master Drainage Plan	081001307	2034	\$400,000	N/A	\$400,000			100%	100%
8	Round Rock	FME	Lake Creek Structural Elevation	081000943	2034	\$510,000	N/A	\$510,000			100%	100%
8	Round Rock	FME	Lake Creek Tributary 2	081000944	2034	\$166,000	N/A	\$166,000			100%	100%
8	Round Rock	FME	Improve Chandler Branch Tributary	081000945	2034	\$202,000	N/A	\$202,000			100%	100%
8	Round Rock	FME	620 Quarry Solution	081000957	2034	\$877,000	N/A	\$877,000			100%	100%
8	Round Rock	FME	City of Round Rock Regional Detention Feasibility Study	081001356	2034	\$810,000	N/A	\$810,000			100%	100%
8	Round Rock	FMS	City of Round Rock Regional Stormwater Management Program Fee Study	082001319	2034	\$250,000	N/A	\$250,000			100%	100%
8	Salado	FME	Village of Salado Drainage Master Plan	081001315	2034	\$250,000	N/A	\$250,000			100%	100%
8	Sienna LID	FME	Sienna South Levee System Drainage	081000044	2034	\$320,000	N/A	\$320,000			100%	100%
8	Sienna LID	FME	Sienna North Levee System Drainage	081000045	2034	\$236,000	N/A	\$236,000			100%	100%
8	Snook	FME	City of Snook Master Drainage Plan	081001322	2034	\$250,000	N/A	\$250,000			100%	100%
8	Somerville	FME	City of Somerville Drainage Master Plan	081001377	2034	\$200,000	N/A	\$200,000			100%	100%
8	Stephenville	FMP	Prairie Wind Alt 2	083001298	2034	\$6,182,000	N/A	\$6,182,000			100%	100%
8	Stephenville	FMP	Lingleville Alt 2	083001299	2034	\$2,014,000	N/A	\$2,014,000			100%	100%

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8	Stephenville	FMP	County Road 256 Alt 1	083001300	2034	\$4,145,000	N/A	\$4,145,000			100%	100%
8	Stephenville	FMP	Morgan Mill Alt 1	083001301	2034	\$2,661,000	N/A	\$2,661,000			100%	100%
8	Stephenville	FMP	Long Street Alt 1	083001302	2034	\$8,993,000	N/A	\$8,993,000			100%	100%
8	Sugar Land	FME	Sugar Creek Drainage Improvements	081000047	2034	\$388,000	N/A	\$388,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Covington Woods Jess Pirtle Bridge Channel Improvements	081000048	2034	\$111,000	N/A	\$111,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Chimneystone, Austin, and Settlers Parks Improvements Phase II	081000057	2034	\$288,000	N/A	\$288,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Sugar Lakes Drainage Improvements	081000058	2034	\$348,000	N/A	\$348,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Sugar Creek Regional Detention	081000060	2034	\$300,000	N/A	\$300,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Sugar Land Business Park Regional Detention	081000061	2034	\$300,000	N/A	\$300,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Sugar Land MDP - Master Drainage Plan Updates	081000075	2034	\$534,000	N/A	\$534,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Citywide Inlet Replacement	081000091	2034	\$219,000	N/A	\$219,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Sugar Creek Watershed Analysis	081000976	2034	\$50,000	N/A	\$50,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Colony Bend, Colony Grant, Stephens Grant Drainage Improvements	081000978	2034	\$421,000	N/A	\$421,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Flood Inundation Mapping	081000979	2034	\$233,000	N/A	\$233,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Chimneystone, Austin, and Settlers Parks Improvements Phase III	081000980	2034	\$551,000	N/A	\$551,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Sugar Creek East Ditch	081000981	2034	\$253,000	N/A	\$253,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Lakebend Sugar Creek Outfall & Drainage	081000982	2034	\$388,000	N/A	\$388,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Telfair Inlet Replacements	081000987	2034	\$73,000	N/A	\$73,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	Greatwood Inlet Replacements	081000988	2034	\$82,000	N/A	\$82,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	New Territory Inlet Replacements	081000989	2034	\$92,000	N/A	\$92,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FME	LID 2 Watershed Analysis	081000990	2034	\$75,000	N/A	\$75,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FMS	Evaluation of Flood Control Projects Phase 2	082000059	2034	\$100,000	N/A	\$100,000	General Revenue	25%	75%	100%
8	Sugar Land	FMS	Sugar Land MDP - Early Flood Warning System	082000071	2034	\$10,000	N/A	\$10,000	Bonds/Other Financing	30%	70%	100%
8	Sugar Land	FMS	Sugar Land MDP - Regional Drainage & Drainage Entities	082000074	2034	\$0	N/A	\$0			100%	100%
8	Taylor	FME	Mustang Creek Study	081000941	2034	\$290,000	N/A	\$290,000			100%	100%
8	Taylor	FME	Stream Crossing Upgrades	081000942	2034	\$463,000	N/A	\$463,000			100%	100%
8	Taylor	FMP	Mallard	083001306	2034	\$1,620,000	N/A	\$1,620,000			100%	100%
8	Taylor	FMP	TH Johnson Area	083001307	2034	\$489,000	N/A	\$489,000			100%	100%
8	Taylor	FMP	Davis Project Area	083001308	2034	\$4,720,000	N/A	\$4,720,000			100%	100%
8	Taylor	FMP	Bel-Air	083001309	2034	\$903,000	N/A	\$903,000			100%	100%
8	Taylor	FMP	Annie Project Area	083001310	2034	\$2,626,000	N/A	\$2,626,000			100%	100%
8	Thrall	FME	Barker Street Neighborhood Improvements	081000950	2034	\$440,000	N/A	\$440,000			100%	100%

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8	Thrall	FME	Brushy Creek Tributaries Study	081000951	2034	\$88,000	N/A	\$88,000			100%	100%
8	Troy	FME	City of Troy Drainage Master Plan	081001317	2034	\$250,000	N/A	\$250,000			100%	100%
8	Upper Brushy Creek WCID	FME	A21	081000953	2034	\$250,000	N/A	\$250,000	Bonds/Other Financing	50%	50%	100%
8	Upper Brushy Creek WCID	FME	A12	081000954	2034	\$257,000	N/A	\$257,000			100%	100%
8	Upper Brushy Creek WCID	FME	Dam 101	081000955	2034	\$1,262,000	N/A	\$1,262,000	Bonds/Other Financing	95%	5%	100%
8	Upper Brushy Creek WCID	FME	Dam 102	081000956	2034	\$1,000,000	N/A	\$1,000,000	Dedicated Revenue Incl. Fees	25%	75%	100%
8	Upper Brushy Creek WCID	FME	Dam 14 Rehabilitation	081000958	2034	\$148,000	N/A	\$148,000	Entity Budget/Funds	100%	0%	100%
8	Upper Brushy Creek WCID	FME	A14	081000959	2034	\$250,000	N/A	\$250,000	Bonds/Other Financing	50%	50%	100%
8	Upper Brushy Creek WCID	FME	A13	081000960	2034	\$250,000	N/A	\$250,000	Bonds/Other Financing	50%	50%	100%
8	Upper Brushy Creek WCID	FME	Dam 18 Rehabilitation	081001145	2034	\$500,000	N/A	\$500,000	Entity Budget/Funds	100%	0%	100%
8	Waco	FME	Sharondale Drainage Improvements	081000811	2033	\$157,000	N/A	\$157,000			100%	100%
8	Waco	FME	New Road to Homan Avenye Channel Improvements	081000877	2033	\$300,000	N/A	\$300,000			100%	100%
8	Waco	FME	Loop 340 Berm & Frontage Road Improvements	081000890	2033	\$300,000	N/A	\$300,000			100%	100%
8	Waco	FME	Waco Creek Diversion Tunnel	081001284	2033	\$300,000	N/A	\$300,000			100%	100%
8	Waco	FME	Oakwood Channel & Bridge Improvements	081001285	2033	\$300,000	N/A	\$300,000			100%	100%
8	Waco	FME	Taylor / Elm Storm Infrastructure & Outfall	081001286	2033	\$917,000	N/A	\$917,000			100%	100%
8	Waco	FME	Cross Crek Road Low Water Crossing Removal	081001287	2033	\$300,000	N/A	\$300,000			100%	100%
8	Waco	FMS	City of Waco Property Acquisition	082001143	2033	\$1,400,000	N/A	\$1,400,000			100%	100%
8	Waco	FME	Barron's Branch Creek Improvements	081001309	2034	\$300,000	N/A	\$300,000			100%	100%
8	Waco	FME	McGregor Executive Airport Master Draiangne Plan	081001319	2034	\$200,000	N/A	\$200,000			100%	100%
8	Waco	FME	Mary Avenue Diversion	081000875	2034	\$1,909,000	N/A	\$1,909,000			100%	100%
8	Waco	FMS	Community Rating System Application	082001320	2034	\$300,000	N/A	\$300,000			100%	100%
8	Waco	FMS	Open Channel System Inventory and Assessment	082001321	2034	\$400,000	N/A	\$400,000			100%	100%
8	Waco	FMS	Ordinance Development for a Voluntary Buyout Program	082001322	2034	\$150,000	N/A	\$150,000			100%	100%
8	Waco	FMS	Urban Storm System Assessment and Mapping	082001324	2034	\$1,800,000	N/A	\$1,800,000			100%	100%
8	Waller County	FME	Waller County Master Drainage Plan	081001146	2033	\$1,430,000	N/A	\$1,430,000			100%	100%
8	Washington County	FME	Big Sandy - New Year Creek DMP	081001204	2034	\$483,000	N/A	\$483,000			100%	100%
8	West	FME	City of West Master Drainage Plan	081001308	2034	\$150,000	N/A	\$150,000			100%	100%

TWDB Table 19 - FMS, FMP, and FME Funding Survey Template Format												
RFPG No.	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS / FMP / FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Estimated percent (share) of total FMS, FMP, or FME estimated cost			
						Non-Construction Costs	Construction Related Costs	Total Estimated Cost	Sponsor Funding		Other Funding Needed (Including state, deferal and/or other funding)	TOTAL
									Anticipated Source of Sponsor Funding (e.g., taxes; general revenue dedicated revenue incl. fees)	Funding to be Financed by Sponsored (Including local, county, or regional mechanisms available but not yet fully utilized)		
8	Williamson County	FME	Williamson Countywide Enhancements to Atlas 14 Modeling and Mapping	081001364	2034	\$10,300,000	N/A	\$10,300,000			100%	100%
8	Williamson County	FME	Williamson Countywide Enhanced Mitigation Analysis	081001376	2034	\$2,060,000	N/A	\$2,060,000			100%	100%
8	Williamson County	FMS	Williamson County Drainage Criteria Manual	082001323	2034	\$350,000	N/A	\$350,000			100%	100%
*Assume 0% funding to be financed by local sponsor and 100% other funding needed (state and federal) when there was no sponsor response.												

Appendix 5.10 TWDB No Negative Impact Determination Table

TWDB No Negative Impact Table														
Region No.	FMP ID	FMP Name	FMP Meets ALL No Negative Impacts Requirements from Exhibit C Section 3.6.A (Yes/ No)	Negative Impact Description	Planning Level Mitigation Plan (Yes/ No)	Mitigation Plan Description	No Negative Impact Determination (Yes/No)	Basis of No Negative Impact Determination (Model, Study, Engineering Judgement)	Model ID	Model Name	Model Submitted	Study Name and Location	Engineer of Record (Optional)	Engineering Judgement Description
8	83000784	Bessie's & Brookshire Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000002, 080000000007	Bessies_Creek_, BessiesCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000786	Bee Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000001, 080000000006	CowTurkeyBee, Cow_Turkey_Bee	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000797	Big Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000800	Coon Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000801	Cow Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000001, 080000000006	CowTurkeyBee, Cow_Turkey_Bee	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000805	Cottonwood Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000809	Diversion Channel Ditch and Drop Structure	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000811	Dry Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000814	Dutch John Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000817	Fairchild Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000818	Flewellen Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000003, 080000000008	Jones_Flewellen_And, Jones_Baseline_Atlas14	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000820	Gapps Slough Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000821	Jones Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000003, 080000000008	Jones_Flewellen_And, Jones_Baseline_Atlas14	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000823	Lateral IIB-7 & IIB-9 Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000827	Lower Dry Creek Channel Improvement	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000828	Seabourne Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000005, 080000000010	BigCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000829	Turkey Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000001, 080000000006	CowTurkeyBee, Cow_Turkey_Bee	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000834	Oyster Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000004, 080000000009	OysterCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000838	Lower Oyster Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000004, 080000000009	OysterCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000841	Red Gully Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000004, 080000000009	OysterCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000843	Bullhead Bayou Channels and Detention	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000004, 080000000009	OysterCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000847	Stafford Run Channels and Detentions	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000004, 080000000009	OysterCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000853	Long Point Creek Channel Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000004, 080000000009	OysterCreek	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000855	Rabb's Bayou Detention	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000033, 080000000034	RabbsBayou, RabbsBayou_4.3	Yes	Master Drainage Plan for Fort Bend County, Texas		Not applicable
8	83000709	826 and 827 Vine Street Property Flooding	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	Yes	City of Bryan Master Drainage Plan		Not applicable
8	83000712	Bryan Boonville and Briarcrest Bridges	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000096	Carters Creek 2D Hydraulics	Yes	Carters Creek FME to FMP		Not applicable

Region No.	FMP ID	FMP Name	FMP Meets ALL No Negative Impacts Requirements from Exhibit C Section 3.6.A (Yes/ No)	Negative Impact Description	Planning Level Mitigation Plan (Yes/ No)	Mitigation Plan Description	No Negative Impact Determination (Yes/No)	Basis of No Negative Impact Determination (Model, Study, Engineering Judgement)	Model ID	Model Name	Model Submitted	Study Name and Location	Engineer of Record (Optional)	Engineering Judgement Description
8	83001062	Hazelwood Crossing	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	80000000055	Hazelwood Crossing	Yes	Flood Study, Hazelwood Avenue/Tributary to White Rock Creek, McLennan County		Not applicable
8	83001290	Benching along Sulphur Creek Tributary	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000071, 080000000073	Lampasas Sulphur Creek Hydrology, Lampasas Sulphur Creek Alternative 1	Yes	Lampasas Sulphur Creek Regional Watershed Study		Not applicable
8	83001291	Cemetary Creek Improvements	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000071, 080000000072	Lampasas Sulphur Creek Hydrology, Lampasas Sulphur Creek Alternative 2	Yes	Lampasas Sulphur Creek Regional Watershed Study		Not applicable
8	83001292	Comanche Detention	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000079, 080000000080	Comanche-Indian Creek Hydrology, Comanche-Indian Creek Hydraulics	Yes	Comanche-Indian Creek Regional Watershed Study		Not applicable
8	83001298	Prairie Wind Alternative 2	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000089, 080000000090, 080000000091	North Bosque Prairie Wind, North Bosque Existing Conditions, North Bosque Hydrology	Yes	North Bosque River Watershed FIF, Erath County		Not applicable
8	83001299	Lingleville Alternative 2	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000086, 080000000090, 080000000091	North Bosque Lingleville, North Bosque Existing Conditions, North Bosque Hydrology	Yes	North Bosque River Watershed FIF, Erath County		Not applicable
8	83001300	County Road 256 Alternative 1	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000085, 080000000090, 080000000091	North Bosque CR 256, North Bosque Existing Conditions, North Bosque Hydrology	Yes	North Bosque River Watershed FIF, Erath County		Not applicable
8	83001301	Morgan Mill Alternative 1	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000088, 080000000090, 080000000091	North Bosque Morgan Mill, North Bosque Existing Conditions, North Bosque Hydrology	Yes	North Bosque River Watershed FIF, Erath County		Not applicable
8	83001302	Long St Alternative 1	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Model	080000000087, 080000000090, 080000000091	North Bosque Long Street, North Bosque Existing Conditions, North Bosque Hydrology	Yes	North Bosque River Watershed FIF, Erath County		Not applicable
8	83001303	Weaver Creek and Main Street Culvert Improvements	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	No	Leon River Watershed Study FIF, Eastland County		Not applicable
8	83001304	Tributary 3 and UPPR Culvert Improvements	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	No	Leon River Watershed Study FIF, Eastland County		Not applicable
8	83001305	Lake Eastland CIP 3.5	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	No	Leon River Watershed Study FIF, Eastland County		Not applicable
8	83001306	Mallard	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Study	080000000094	Bull Branch	Yes	City of Taylor Drainage Master Plan		Not applicable
8	83001307	TH Johnson Area	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Study	080000000094	Bull Branch	Yes	City of Taylor Drainage Master Plan		Not applicable
8	83001308	Davis Project Area	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Study	080000000095	Mustang Creek	Yes	City of Taylor Drainage Master Plan		Not applicable
8	83001309	Bel-Air	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Study	080000000094	Bull Branch	Yes	City of Taylor Drainage Master Plan		Not applicable
8	83001310	Annie Project Area	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Study	080000000095	Mustang Creek	Yes	City of Taylor Drainage Master Plan		Not applicable
8	83001311	Sun Valley Neighborhood Levee	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Study	080000000092	Stillhouse Branch	Yes	City of Gatesville MDP FIF		Not applicable
8	83001312	Straws Mill Road LWC	Yes	Not Applicable	No	Any necessary mitigation included in model	Yes	Study	080000000093	Stream CG-2	Yes	City of Gatesville MDP FIF		Not applicable

Appendix 5.10 TWDB No Negative Impact Determination Table

Region No.	FMP ID	FMP Name	FMP Meets ALL No Negative Impacts Requirements from Exhibit C Section 3.6.A (Yes/ No)	Negative Impact Description	Planning Level Mitigation Plan (Yes/ No)	Mitigation Plan Description	No Negative Impact Determination (Yes/No)	Basis of No Negative Impact Determination (Model, Study, Engineering Judgement)	Model ID	Model Name	Model Submitted	Study Name and Location	Engineer of Record (Optional)	Engineering Judgement Description
8	83001313	Leon WWTP Parapet Wall	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	No	City of Gatesville MDP FIF		Not applicable
8	83001314	Arrowood Lane Culvert	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	No	City of Gatesville MDP FIF		Not applicable
8	83001315	SH 36 Culverts	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	No	City of Gatesville MDP FIF		Not applicable
8	83001316	FM 929 Culverts	Yes	Not Applicable	No	Not Applicable	Yes	Study	N/A	N/A	No	City of Gatesville MDP FIF		Not applicable
8	083001289	FM 219 and North Bosque River Crossing Improvement	Yes	Not Applicable	No	Not Applicable	Yes	Study	080000000076, 080000000077	North Bosque River Hydrology, North Bosque River Hydraulics	No	Clifton-North Bosque Regional Watershed Study		Not applicable
8	083001293	US180 Rock Creek Overbank Crossing	Yes	Not Applicable	No	Not Applicable	Yes	Study	080000000083, 080000000084	Middle Rock Creek Hydrology, Middle Rock Creek Hydraulics	No	Middle Rock Creek Regional Watershed Study		Not applicable
8	083001294	US180 Rock Creek Tributary 1 Crossing	Yes	Not Applicable	No	Not Applicable	Yes	Study	080000000083, 080000000084	Middle Rock Creek Hydrology, Middle Rock Creek Hydraulics	No	Middle Rock Creek Regional Watershed Study		Not applicable

Appendix 5.8 Additional Project Details

General Project Data														
Project Name	FMP	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status
826 and 827 Vine Street Property Flooding	083000709	Structural buyouts at the identified locations.	Lower Brazos Region	Property Acquisition	Category 2	Bee Creek-Carters Creek	N	\$600,000	1.000	\$300,000	Unknown	100-year	0	Planning
Bryan Boonville and Briarcrest Bridges	083000712	Addition of bridges, channel benching, and detention	Lower Brazos Region	Comprehensive	Category 2	Navasota	N	\$12,313,040	0.085	\$2,179,500	10-year	100-year	29	Planning
Bessie's and Brookshire Creek Channel Improvements	083000784	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Bessie's Creek Watershed	N	\$285,000,000	0.018	\$1,338,000	2-year	100-year	834	Planning
Bee Creek Channel Improvements	083000786	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Bee Creek Watershed	Y	\$38,771,000	0.000	N/A	5-year	100-year	19	Planning
Big Creek Channel Improvements	083000797	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Big Creek Watershed	Y	\$662,333,000	0.010	\$1,125,000	2-year	100-year	628	Planning
Coon Creek Channel Improvements	083000800	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Coon Creek Watershed	N	\$141,439,000	0.029	\$514,000	2-year	100-year	276	Planning
Cow Creek Channel Improvements	083000801	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Cow Creek Watershed	N	\$119,191,000	0.004	\$3,506,000	5-year	100-year	144	Planning
Cottonwood Creek Channel Improvements	083000805	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Cottonwood Creek Watershed	N	\$182,426,000	0.010	\$1,361,000	2-year	100-year	134	Planning
Diversion Channel Ditch and Drop Structure	083000809	Channel re-configuration to re-direct flow from Big Creek. Improvements to drop structure to have capacity for this increased flow.	Lower Brazos Region	Regional Channel Improvements	Category 2	Diversion Ditch and Drop Structure	Y	\$266,699,000	0.000	N/A	2-year	100-year	8	Planning
Dry Creek Channel Improvements	083000811	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Dry Branch Watershed	N	\$133,315,000	0.046	\$262,000	2-year	100-year	635	Planning
Dutch John Channel Improvements	083000814	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Dutch John Watershed	Y	\$39,101,000	0.003	N/A	2-year	100-year	12	Planning
Fairchild Creek Channel Improvements	083000817	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Fairchild Creek Watershed	Y	\$190,448,000	0.054	\$142,000	2-year	100-year	949	Planning

Appendix 5.8 Additional Project Details

	Severity of Flood Risk								Flood Risk Reduction								
Project Name	Average Flood Depth (100yr)	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Column1	Flood Damage Reduction	Score 4
826 and 827 Vine Street Property Flooding	Unknown	Baseline average flood depth < 0.5ft	2	City of Bryan	83,980	0	<25% of project community affected	1	0	Reduced risk to >75% of structures in floodplain	10	2	-	-	-	Flood damage reduction >95%	10
Bryan Boonville and Briarcrest Bridges	1	Baseline average flood depth > 1ft	6	1	543	121	<25% of project community affected	1	10	Reduced risk to <10% of structures in floodplain	1	10	\$9,446,614	\$965,948	0.8977	Flood damage reduction > 75%	8
Bessie's and Brookshire Creek Channel Improvements	2.3	Baseline average flood depth > 2ft	8	Fort Bend County	818,912	1095	<25% of project community affected	1	148	Reduced risk to <50% of structures in floodplain	4	148	\$22,241,944	\$1,780,273	0.9200	Flood damage reduction > 75%	8
Bee Creek Channel Improvements	1	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	11	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$79,300	\$79,300	0.0000	Flood damage reduction < 25%	2
Big Creek Channel Improvements	1.3	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	940	<25% of project community affected	1	5	Reduced risk to >75% of structures in floodplain	10	15	\$51,327,573	\$2,325,806	0.9547	Flood damage reduction >95%	10
Coon Creek Channel Improvements	1.2	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	506	<25% of project community affected	1	1	Reduced risk to >75% of structures in floodplain	10	1	\$19,050,793	\$44,697	0.9977	Flood damage reduction >95%	10
Cow Creek Channel Improvements	1.2	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	180	<25% of project community affected	1	2	Reduced risk to <50% of structures in floodplain	4	2	\$6,639,815	\$568,705	0.9143	Flood damage reduction > 75%	8
Cottonwood Creek Channel Improvements	1.1	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	260	<25% of project community affected	1	0	Reduced risk to >75% of structures in floodplain	10	0	\$6,942,108	\$0	1.0000	Flood damage reduction >95%	10
Diversion Channel Ditch and Drop Structure	4.3	Baseline average flood depth > 3.5ft	10	Fort Bend County	818,912	1	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$1,312,722	\$1,312,552	0.0001	Flood damage reduction < 25%	2
Dry Creek Channel Improvements	0.54	Baseline average flood depth > 0.5ft	4	Fort Bend County	818,912	738	<25% of project community affected	1	126	Reduced risk to >75% of structures in floodplain	10	126	\$28,768,898	\$4,277,161	0.8513	Flood damage reduction > 75%	8
Dutch John Channel Improvements	0.75	Baseline average flood depth > 0.5ft	4	Fort Bend County	818,912	36	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$1,906,907	\$1,906,907	0.0000	Flood damage reduction < 25%	2
Fairchild Creek Channel Improvements	0.88	Baseline average flood depth > 0.5ft	4	Fort Bend County	818,912	1385	<25% of project community affected	1	18	Reduced risk to >75% of structures in floodplain	10	18	\$35,325,140	\$811,552	0.9770	Flood damage reduction >95%	10

Appendix 5.8 Additional Project Details

	Flood Risk Reduction							Water Supply Yield					
Project Name	# of Critical Faciliites Removed from 1% Annual Chance FP	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Column2	Life and Safety Ranking (Injury/Loss of Life)	Score 6	Water Supply Benefit in Acre-Feet	SourceID	WMS_ID	Water Supply Yield Ranking	Score 7	SVI Score
826 and 827 Vine Street Property Flooding	0	Reduced risk for 0 structures in floodplain	0	2.500%	2.500	Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.59
Bryan Boonville and Briarcrest Bridges	0	Reduced risk for 0 structures in floodplain	0	22.500%	22.500	Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.39
Bessie's and Brookshire Creek Channel Improvements	1	Reduced risk for 0 structures in floodplain	0	11.592		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.06
Bee Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	10.08		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.47
Big Creek Channel Improvements	1	Reduced risk for <10% of critical facilities in floodplain	1	15.19		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.39
Coon Creek Channel Improvements	0	Reduced risk for >75% of critical facilities in floodplain	10	7.728		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.52
Cow Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	9.408		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.52
Cottonwood Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	5.94		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.51
Diversion Channel Ditch and Drop Structure	0	Reduced risk for 0 structures in floodplain	0	22.512		Life/injury risk percentage >20%	4	0	N/A	N/A	No impact on water supply	0	0.27
Dry Creek Channel Improvements	0	Reduced risk for >75% of critical facilities in floodplain	10	2.5596		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.35
Dutch John Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	4.905		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.27
Fairchild Creek Channel Improvements	1	Reduced risk for >75% of critical facilities in floodplain	0	8.976		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.54

Appendix 5.8 Additional Project Details

Social Vulnerability			Nature-Based Solutions			Multiple Benefits			Operation and Maintenance		
Project Name	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Operations and Maintenance Ranking	Score 11
826 and 827 Vine Street Property Flooding	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation benefits	Project delivers benefits in only 1 wider benefit category	1	\$0	Project will not require any ongoing operation and maintenance (low);	10
Bryan Boonville and Briarcrest Bridges	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Road will be repaved when implementing crossing improvements.	Project delivers benefits in only 1 wider benefit category	1		Project will not require any ongoing operation and maintenance (low);	10
Bessie's and Brookshire Creek Channel Improvements	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$742,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Bee Creek Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$194,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Big Creek Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$936,000	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Coon Creek Channel Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$396,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Cow Creek Channel Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$343,600	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Cottonwood Creek Channel Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$524,800	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Diversion Channel Ditch and Drop Structure	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	No other benefits.	Project does not deliver any wider benefits	0	\$240,000	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Dry Creek Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$415,200	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Dutch John Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$160,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Fairchild Creek Channel Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$425,200	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

Appendix 5.8 Additional Project Details

	Potential Obstacles		Environmental Benefits		Environmental Impacts		Mobility Benefits	
Project Name	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Environmental Benefit Ranking	Score 13	Environmental Impact Ranking	Score 14	Mobility Ranking	Score 15
826 and 827 Vine Street Property Flooding	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project provides no change to major, minor, or emergency access routes in the project area.	0
Bryan Boonville and Briarcrest Bridges	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Bessie's and Brookshire Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Bee Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 1 environmental category	6	Project provides no change to major, minor, or emergency access routes in the project area.	0
Big Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Coon Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Cow Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Cottonwood Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Diversion Channel Ditch and Drop Structure	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Dry Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Dutch John Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Fairchild Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10

Appendix 5.8 Additional Project Details

General Project Data														
Project Name	FMP	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status
Flewellen Creek Channel Improvements	083000818	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Flewellen Creek Watershed	N	\$542,725,000	0.004	\$9,357,000	2-year	100-year	77	Planning
Gapps Slough Channel Improvements	083000820	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Gapps Slough Watershed	N	\$48,302,000	0.046	\$295,000	2-year	100-year	295	Planning
Jones Creek Channel Improvements	083000821	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Jones Creek Watershed	N	\$556,012,000	0.007	\$11,830,000	2-year	100-year	829	Planning
Lateral IIB-7 & IIB-9 Channel Improvements	083000823	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Big Creek Watershed	N	\$62,287,000	0.024	\$498,000	2-year	100-year	144	Planning
Lower Dry Creek Channel Improvement	083000827	Channel improvements and re-configurations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Dry Creek Watershed	N	\$110,716,000	0.027	N/A	2-year	100-year	343	Planning
Seabourne Creek Channel Improvements	083000828	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Seabourne Creek Watershed	N	\$104,974,000	0.052	\$183,000	2-year	100-year	577	Planning
Turkey Creek Channel Improvements	083000829	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Turkey Creek Watershed	Y	\$86,161,000	0.004	\$3,916,000	5-year	100-year	39	Planning
Oyster Creek Channel Improvements	083000834	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Oyster Creek Watershed	N	\$315,176,000	0.000	N/A	2-year	100-year	385	Planning
Lower Oyster Creek Channel Improvements	083000838	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Lower Oyster Creek Watershed	N	\$125,690,000	0.000	N/A	2-year	100-year	60	Planning
Red Gully Channel Improvements	083000841	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Red Gully Watershed	N	\$46,719,000	0.056	N/A	2-year	100-year	579	Planning
Bullhead Bayou Channels and Detention	083000843	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Bullhead Bayou Watershed	N	\$62,498,000	0.008	\$1,420,000	2-year	100-year	56	Planning
Stafford Run Channels and Detentions	083000847	Channel improvements and re-configurations at several key locations, addition of in-line detention.	Lower Brazos Region	Regional Channel Improvements	Category 2	Stafford Run Watershed	N	\$15,612,000	0.000	N/A	2-year	100-year	160	Planning

Appendix 5.8 Additional Project Details

	Severity of Flood Risk								Flood Risk Reduction								
Project Name	Average Flood Depth (100yr)	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Column1	Flood Damage Reduction	Score 4
Flewellen Creek Channel Improvements	1.3	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	136	<25% of project community affected	1	19	Reduced risk to >75% of structures in floodplain	10	19	\$15,543,210	\$1,777,826	0.8856	Flood damage reduction > 75%	8
Gapps Slough Channel Improvements	1.7	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	492	<25% of project community affected	1	5	Reduced risk to <75% of structures in floodplain	7	5	\$15,590,932	\$805,104	0.9484	Flood damage reduction >95%	10
Jones Creek Channel Improvements	1	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	1594	<25% of project community affected	1	179	Reduced risk to <10% of structures in floodplain	1	179	\$46,896,531	\$22,971,567	0.5102	Flood damage reduction > 50%	6
Lateral IIB-7 & IIB-9 Channel Improvements	0.49	Baseline average flood depth < 0.5ft	2	Fort Bend County	818,912	164	<25% of project community affected	1	19	Reduced risk to >75% of structures in floodplain	10	19	\$5,056,011	\$269,314	0.9467	Flood damage reduction > 75%	8
Lower Dry Creek Channel Improvement	3.1	Baseline average flood depth > 2ft	8	Fort Bend County	818,912	489	<25% of project community affected	1	2	Reduced risk to 0 structures in floodplain	0	2	\$7,169,665	\$79,508	0.9889	Flood damage reduction >95%	10
Seabourne Creek Channel Improvements	1.4	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	1214	<25% of project community affected	1	4	Reduced risk to >75% of structures in floodplain	10	4	\$21,010,418	\$31,761	0.9985	Flood damage reduction >95%	10
Turkey Creek Channel Improvements	0.46	Baseline average flood depth < 0.5ft	2	Fort Bend County	818,912	46	<25% of project community affected	1	2	Reduced risk to <75% of structures in floodplain	7	2	\$1,057,872	\$256,391	0.7576	Flood damage reduction > 75%	8
Oyster Creek Channel Improvements	0.62	Baseline average flood depth > 0.5ft	4	Fort Bend County	818,912	2000	<25% of project community affected	1	1	Reduced risk to 0 structures in floodplain	0	1	\$93,100	\$0	1.0000	Flood damage reduction >95%	10
Lower Oyster Creek Channel Improvements	1.7	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	367	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$991,350	\$991,350	0.0000	Flood damage reduction < 25%	2
Red Gully Channel Improvements	0.51	Baseline average flood depth > 0.5ft	4	Fort Bend County	818,912	2411	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$21,903,744	\$3,497,078	0.8403	Flood damage reduction > 75%	8
Bullhead Bayou Channels and Detention	1	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	700	<25% of project community affected	1	7	Reduced risk to >75% of structures in floodplain	10	7	\$928,095	\$11,704	0.9874	Flood damage reduction >95%	10
Stafford Run Channels and Detentions	0.55	Baseline average flood depth > 0.5ft	4	Fort Bend County	818,912	251	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$4,074,285	\$4,074,285	0.0000	Flood damage reduction < 25%	2

Appendix 5.8 Additional Project Details

	Flood Risk Reduction							Water Supply Yield					
Project Name	# of Critical Faciliites Removed from 1% Annual Chance FP	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Column2	Life and Safety Ranking (Injury/Loss of Life)	Score 6	Water Supply Benefit in Acre- Feet	SourceID	WMS_ID	Water Supply Yield Ranking	Score 7	SVI Score
Flewellen Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	7.8		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.05
Gapps Slough Channel Improvements	0	Reduced risk for >75% of critical facilities in floodplain	10	9.996		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.23
Jones Creek Channel Improvements	4	Reduced risk for >75% of critical facilities in floodplain	10	5.46		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.06
Lateral IIB-7 & IIB-9 Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	2.6068		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.27
Lower Dry Creek Channel Improvement	2	Reduced risk for >75% of critical facilities in floodplain	10	17.694		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.24
Seabourne Creek Channel Improvements	4	Reduced risk for >75% of critical facilities in floodplain	10	8.176		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.53
Turkey Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	2.254		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.47
Oyster Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	2.48		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.23
Lower Oyster Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	7.14		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.14
Red Gully Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	2.7846		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.36
Bullhead Bayou Channels and Detention	0	Reduced risk for 0 structures in floodplain	0	5.1		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.42
Stafford Run Channels and Detentions	0	Reduced risk for 0 structures in floodplain	0	2.0625		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.58

Appendix 5.8 Additional Project Details

	Social Vulnerability		Nature-Based Solutions			Multiple Benefits			Operation and Maintenance		
Project Name	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Operations and Maintenance Ranking	Score 11
Flewellen Creek Channel Improvements	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$261,200	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Gapps Slough Channel Improvements	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$160,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Jones Creek Channel Improvements	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$1,176,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Lateral IIB-7 & IIB-9 Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$258,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Lower Dry Creek Channel Improvement	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$376,800	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Seabourne Creek Channel Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$298,000	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Turkey Creek Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$384,600	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Oyster Creek Channel Improvements	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$759,200	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Lower Oyster Creek Channel Improvements	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$316,400	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Red Gully Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$141,600	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Bullhead Bayou Channels and Detention	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$395,700	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Stafford Run Channels and Detentions	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$131,900	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

Appendix 5.8 Additional Project Details

	Potential Obstacles		Environmental Benefits		Environmental Impacts		Mobility Benefits	
Project Name	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Environmental Benefit Ranking	Score 13	Environmental Impact Ranking	Score 14	Mobility Ranking	Score 15
Flewellen Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project provides no change to major, minor, or emergency access routes in the project area.	0
Gapps Slough Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Jones Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Lateral IIB-7 & IIB-9 Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Lower Dry Creek Channel Improvement	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Seabourne Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Turkey Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 1 environmental category	6	Project provides no change to major, minor, or emergency access routes in the project area.	0
Oyster Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Lower Oyster Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Red Gully Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Bullhead Bayou Channels and Detention	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Stafford Run Channels and Detentions	Project has a high number of administrative, regulatory and limitations / requirements	2	Project does not provide any environmental benefits	0	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4

Appendix 5.8 Additional Project Details

General Project Data														
Project Name	FMP	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status
Long Point Creek Channel Improvements	083000853	Channel improvements and re-configurations at several key locations.	Lower Brazos Region	Regional Channel Improvements	Category 2	Long Point Creek Watershed	N	\$8,760,000	0.000	\$2,190,000	2-year	100-year	39	Planning
Rabb's Bayou Detention	083000855	Proposal of regional detention basin.	Lower Brazos Region	Regional Channel Improvements	Category 2	Rabb's Bayou Watershed	N	\$8,699,000	0.000	N/A	10-year	100-year	276	Planning
Hazelwood Crossing	083001062	Construction of a bridge to allow for neighborhood access during storm events.	Lower Brazos Region	LWC Upgrade	Category 2	White Rock Creek-Brazos River	N	\$616,000	0.004	NA	10-year	100-year	0	Planning
FM 219 and North Bosque River Crossing Improvements	083001289	Replacement of existing culverts with bridge. Benching along channel for mitigation.	Lower Brazos Region	LWC Upgrade	Category 2	North Bosque	Y	\$2,733,000	0.700	-	50-year	100-year	0	Planning
Benching along Sulphur Creek Tributary	083001290	Benching along Sulphur Creek tributary.	Lower Brazos Region	Regional Channel Improvements	Category 2	Burleson Creek-Sulphur Creek	Y	\$1,132,000	0.260	\$188,700	-	-	15	Planning
Cemetary Creek Improvements	083001291	Channel and crossing improvements along Cemetary Creek - tributary to Sulphur Creek.	Lower Brazos Region	Regional Channel Improvements	Category 2	Burleson Creek-Sulphur Creek	Y	\$13,305,000	0.080	\$380,100	-	-	630	Planning
Comanche Detention	083001292	Addition of detention and channel benching	Lower Brazos Region	Comprehensive	Category 2	Middle Brazos-Palo Pinto	Y	\$46,985,220	0.016	\$1,247,525	10-year	100-year	201	Planning
US180 Rock Creek Overbank Crossing	083001293	Culvert improvement and detention	Lower Brazos Region	LWC Upgrade	Category 2	Middle Brazos-Palo Pinto	Y	\$10,129,330	0.222	\$4,000,000	10-year	100-year	20	Planning
US180 Rock Creek Tributary 1 Crossing	083001294	Culvert improvement and benching	Lower Brazos Region	LWC Upgrade	Category 2	Middle Brazos-Palo Pinto	Y	\$1,236,985	0.022	-	10-year	100-year	0	Planning
Prairie Wind Alternative 2	083001298	Includes channel excavation, creation of an additional channel, and (5)10'x6' RCB.	Lower Brazos Region	LWC upgrade	Category 2	North Bosque	Y	\$6,182,000	0.600	\$772,750	>2-year	100-year	8	Planning
Lingleville Alternative 2	083001299	Includes (4)10'x6' RCB and upstream grading.	Lower Brazos Region	LWC upgrade	Category 2	North Bosque	Y	\$2,014,000	1.100	-	>2-year	100-year	0	Planning

Appendix 5.8 Additional Project Details

	Severity of Flood Risk								Flood Risk Reduction								
Project Name	Average Flood Depth (100yr)	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Column1	Flood Damage Reduction	Score 4
Long Point Creek Channel Improvements	1.6	Baseline average flood depth > 1ft	6	Fort Bend County	818,912	88	<25% of project community affected	1	3	Reduced risk to <50% of structures in floodplain	4	3	\$1,280,366	\$40,801	0.9681	Flood damage reduction >95%	10
Rabb's Bayou Detention	0.75	Baseline average flood depth > 0.5ft	4	Fort Bend County	818,912	891	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$13,479,530	\$13,479,530	0.0000	Flood damage reduction < 25%	2
Hazelwood Crossing	2.45 at road	Baseline average flood depth > 2ft	8	City of Waco	138,486	0	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$0	\$0	-	Flood damage reduction < 25%	2
FM 219 and North Bosque River Crossing Improvements	4.5 at road	Baseline average flood depth > 3.5ft	10	City of Clifton	3,470	0	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$0	\$0	-	Flood damage reduction < 25%	2
Benching along Sulphur Creek Tributary	0.75	Baseline average flood depth > 0.5ft	4	City of Lampasas	7,291	32	<25% of project community affected	1	14	Reduced risk to <50% of structures in floodplain	4	14	\$1,046,836	\$506,462	0.5162	Flood damage reduction > 50%	6
Cemetary Creek Improvements	0.45	Baseline average flood depth < 0.5ft	2	City of Lampasas	7,291	4168	50%-75% of project community affected	7	614	Reduced risk to <10% of structures in floodplain	1	614	\$5,560,782	\$3,699,678	0.3347	Flood damage reduction > 25%	4
Comanche Detention	1	Baseline average flood depth > 1ft	6	1	606	538	>75% of project community affected (by population)	10	71	Reduced risk to <10% of structures in floodplain	1	71	\$9,042,711	\$3,167,254	0.6497	Flood damage reduction > 50%	6
US180 Rock Creek Overbank Crossing	2.4 at road	Baseline average flood depth > 2ft	8	City of Mineral Wells	15,454	82	<25% of project community affected	1	5	Reduced risk to <50% of structures in floodplain	4	4	-	-	-	Flood damage reduction < 25%	2
US180 Rock Creek Tributary 1 Crossing	0.35 at road	Baseline average flood depth < 0.5ft	2	City of Mineral Wells	15,454	0	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$0	\$0	-	Flood damage reduction < 25%	2
Prairie Wind Alternative 2	1	Baseline average flood depth > 1ft	6	1	4,606	23	<25% of project community affected	1	0	Reduced risk to <10% of structures in floodplain	1	0	\$825,793	\$0	1.0000	Flood damage reduction >95%	10
Lingleville Alternative 2	1	Baseline average flood depth > 1ft	6	1	1,531	0	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$762,757	\$209,082	0.7259	Flood damage reduction > 75%	8

Appendix 5.8 Additional Project Details

	Flood Risk Reduction							Water Supply Yield					
Project Name	# of Critical Faciliites Removed from 1% Annual Chance FP	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Column2	Life and Safety Ranking (Injury/Loss Of Life)	Score 6	Water Supply Benefit in Acre- Feet	SourceID	WMS_ID	Water Supply Yield Ranking	Score 7	SVI Score
Long Point Creek Channel Improvements	0	Reduced risk for 0 structures in floodplain	0	10.872		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.31
Rabb's Bayou Detention	0	Reduced risk for >75% of critical facilities in floodplain	10	3.87		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.37
Hazelwood Crossing	0	Reduced risk for 0 structures in floodplain	0	75.016%		Life/injury risk percentage >50%	10	0	N/A	N/A	No impact on water supply	0	0.69
FM 219 and North Bosque River Crossing Improvements	0	Reduced risk for 0 structures in floodplain	0	202.300%		Life/injury risk percentage >50%	10	0	N/A	N/A	No impact on water supply	0	0.22
Benching along Sulphur Creek Tributary	0	Reduced risk for 0 structures in floodplain	0	12.240%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.86
Cemetary Creek Improvements	5	Reduced risk for <75% of critical facilities in floodplain	7	8.280%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.72
Comanche Detention	0	Reduced risk for 0 structures in floodplain	0	34.125%		Life/injury risk percentage >30%	6	0	N/A	N/A	No impact on water supply	0	0.87
US180 Rock Creek Overbank Crossing	0	Reduced risk for 0 structures in floodplain	0	137.900%		Life/injury risk percentage >50%	10	0	N/A	N/A	No impact on water supply	0	0.38
US180 Rock Creek Tributary 1 Crossing	0	Reduced risk for 0 structures in floodplain	0	15.750%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.56
Prairie Wind Alternative 2	0	Reduced risk for 0 structures in floodplain	0	30.000%		Life/injury risk percentage >30%	6	0	N/A	N/A	No impact on water supply	0	0.41
Lingleville Alternative 2	0	Reduced risk for 0 structures in floodplain	0	30.000%		Life/injury risk percentage >30%	6	0	N/A	N/A	No impact on water supply	0	0.41

Appendix 5.8 Additional Project Details

	Social Vulnerability		Nature-Based Solutions			Multiple Benefits			Operation and Maintenance		
Project Name	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Operations and Maintenance Ranking	Score 11
Long Point Creek Channel Improvements	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Recreation, transportation	Project delivers benefits in 2 wider benefit categories	4	\$32,800	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Rabb's Bayou Detention	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	No other benefits.	Project does not deliver any wider benefits	0	\$51,000	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Hazelwood Crossing	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1	\$3,079	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
FM 219 and North Bosque River Crossing Improvements	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1		Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Benching along Sulphur Creek Tributary	SVI between 0.75-1.00 (high vulnerability)	10	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1	\$52,020	Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long-term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high);	4
Cemetary Creek Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1	\$26,681	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Comanche Detention	SVI between 0.75-1.00 (high vulnerability)	10	0	<25% of the project cost is nature-based	1	Recreation and water quality benefits.	Project delivers benefits in 2 wider benefit categories	4		Project will not require any ongoing operation and maintenance (low);	10
US180 Rock Creek Overbank Crossing	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1		Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
US180 Rock Creek Tributary 1 Crossing	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1		Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Prairie Wind Alternative 2	SVI between 0.25-0.5 (low to moderate Vulnerability)	4	10.6%	<25% of the project cost is nature-based	1	Riparian habitat	Project delivers benefits in only 1 wider benefit category	1	\$6,182	Project will not require any ongoing operation and maintenance (low);	10
Lingleville Alternative 2	SVI between 0.25-0.5 (low to moderate Vulnerability)	4	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$1,587	Project will not require any ongoing operation and maintenance (low);	10

Appendix 5.8 Additional Project Details

	Potential Obstacles		Environmental Benefits		Environmental Impacts		Mobility Benefits	
Project Name	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Environmental Benefit Ranking	Score 13	Environmental Impact Ranking	Score 14	Mobility Ranking	Score 15
Long Point Creek Channel Improvements	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Rabb's Bayou Detention	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 1 environmental category	6	Project provides no change to major, minor, or emergency access routes in the project area.	0
Hazelwood Crossing	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
FM 219 and North Bosque River Crossing Improvements	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Benching along Sulphur Creek Tributary	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 1 environmental category	6	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Cemetary Creek Improvements	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project will deliver a moderate level of environmental benefits (2-3 categories)	6	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Comanche Detention	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
US180 Rock Creek Overbank Crossing	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
US180 Rock Creek Tributary 1 Crossing	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Prairie Wind Alternative 2	Project has few administrative, regulatory and implementation limitations / requirements	10	Project will deliver a low level of environmental benefits (1 category)	3	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Lingleville Alternative 2	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4

Appendix 5.8 Additional Project Details

General Project Data														
Project Name	FMP	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status
County Road 256 Alternative 1	083001300	Includes raising the road, (7)10'x9' RCB, and grading along the river.	Lower Brazos Region	LWC upgrade	Category 2	North Bosque	Y	\$4,145,000	0.500	\$4,145,000	>2-year	5-year	4	Planning
Morgan Mill Alternative 1	083001301	Includes minor grading and (6)12'x7' RCB.	Lower Brazos Region	LWC upgrade	Category 2	North Bosque	Y	\$2,661,000	1.800	\$204,692	2-year	100-year	18	Planning
Long St Alternative 1	083001302	Includes installing a 425' span bridge with road elevation on either side.	Lower Brazos Region	LWC upgrade	Category 2	North Bosque	Y	\$8,993,000	0.100	-	>2-year	100-year	5	Planning
Weaver Creek and Main Street Culvert Improvements	083001303	Detention pond, channel improvements, and culvert improvements.	Lower Brazos Region	Comprehensive Drainage Improvements	Category 2	Leon	Y	\$6,848,016	0.100	\$476,205	2-year	100-year	282	Planning
Tributary 3 and UPPR Culvert Improvements	083001304	Culvert improvements; upstream and downstream channel improvements.	Lower Brazos Region	Comprehensive Drainage Improvements	Category 2	Leon	Y	\$2,912,398	0.300	\$14,711	10-year	100-year	229	Planning
Lake Eastland CIP 3.5	083001305	Reconstruction of primary Lake Eastland spillway.	Lower Brazos Region	Comprehensive Drainage Improvements	Category 2	Leon	Y	\$15,700,000	0.200	\$301,464	10-year	100-year	277	Planning
Mallard Lane	083001306	Proposed storm drianage system located along Summit Circle, Kingston Circle, Mallard Lane, and Greenlawn Drive. Approximately 2,000 linear feet.	Lower Brazos Region	Storm Drain	Category 2	Mustang Creek	N	\$1,620,000	0.000	\$810,000	2-year	100-year	35	Planning
TH Johnson	083001307	Proposed channel located south of TH Johnson Drive and discharging into Bull Branch, inlcuding approcimately 500 feet of new concrete channel, and the installation of 3 RCB culverts at Crystal Circle.	Lower Brazos Region	Channel	Category 2	Mustang Creek	N	\$489,000	0.000	\$489,000	2-year	100-year	10	Planning
Davis St	083001308	Proposed storm sewer along Davis Street from 8th Street to 2nd Street that discharges to the existing outfall in the railroad drainage ditch to the north of the railroad and ties into 2nd St existing drainage system. Approximately 3,750 linear feet of RCP.	Lower Brazos Region	Storm Drain	Category 2	Mustang Creek	N	\$4,270,000	0.100	\$328,000	2-year	100-year	23	Planning

Appendix 5.8 Additional Project Details

	Severity of Flood Risk								Flood Risk Reduction								
Project Name	Average Flood Depth (100yr)	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Column1	Flood Damage Reduction	Score 4
County Road 256 Alternative 1	0.67	Baseline average flood depth > 0.5ft	4	1	3,496	2	<25% of project community affected	1	3	Reduced risk to <10% of structures in floodplain	1	3	\$620,208	\$237,235	0.6175	Flood damage reduction > 50%	6
Morgan Mill Alternative 1	0.5	Baseline average flood depth < 0.5ft	2	1	274	31	<25% of project community affected	1	5	Reduced risk to <10% of structures in floodplain	1	5	\$3,150,602	\$212,899	0.9324	Flood damage reduction > 75%	8
Long St Alternative 1	1	Baseline average flood depth > 1ft	6	1	14,906	10	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$88,851	\$0	1.0000	Flood damage reduction >95%	10
Weaver Creek and Main Street Culvert Improvements	Unknown	Baseline average flood depth < 0.5ft	0	City of Eastland	3,639	764	<25% of project community affected	1	0	Reduced risk to <10% of structures in floodplain	1	-	-	-	-	-	0
Tributary 3 and UPPR Culvert Improvements	Unknown	Baseline average flood depth < 0.5ft	0	City of Eastland	3,639	583	<25% of project community affected	1	0	Reduced risk to <50% of structures in floodplain	4	-	-	-	-	-	0
Lake Eastland CIP 3.5	Unknown	Baseline average flood depth < 0.5ft	0	City of Eastland	3,639	756	<25% of project community affected	1	0	Reduced risk to <10% of structures in floodplain	1	-	-	-	-	-	0
Mallard Lane	0.35	Baseline average flood depth < 0.5ft	2	City of Taylor	16,267	105	<25% of project community affected	1	33	Reduced risk to <10% of structures in floodplain	1	33	\$2,383,611	\$2,277,236	0.0446	Flood damage reduction < 25%	2
TH Johnson	0.35	Baseline average flood depth < 0.5ft	2	City of Taylor	16,267	30	<25% of project community affected	1	10	Reduced risk to 0 structures in floodplain	0	10	\$556,475	\$551,256	0.0094	Flood damage reduction < 25%	2
Davis St	0.3	Baseline average flood depth < 0.5ft	2	City of Taylor	16,267	111	<25% of project community affected	1	10	Reduced risk to <50% of structures in floodplain	4	10	\$586,132	\$181,855	0.6897	Flood damage reduction > 50%	6

Appendix 5.8 Additional Project Details

	Flood Risk Reduction							Water Supply Yield					
Project Name	# of Critical Faciliites Removed from 1% Annual Chance FP	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Column2	Life and Safety Ranking (Injury/Loss of Life)	Score 6	Water Supply Benefit in Acre- Feet	SourceID	WMS_ID	Water Supply Yield Ranking	Score 7	SVI Score
County Road 256 Alternative 1	0	Reduced risk for 0 structures in floodplain	0	26.400%		Life/injury risk percentage >20%	4	0	N/A	N/A	No impact on water supply	0	0.39
Morgan Mill Alternative 1	0	Reduced risk for 0 structures in floodplain	0	9.000%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.57
Long St Alternative 1	0	Reduced risk for 0 structures in floodplain	0	18.000%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.68
Weaver Creek and Main Street Culvert Improvements	0	Reduced risk for 0 structures in floodplain	0	0.000%		Life/injury risk percentage <20%	0	0	N/A	N/A	No impact on water supply	0	0.70
Tributary 3 and UPPR Culvert Improvements	0	Reduced risk for 0 structures in floodplain	0	0.000%		Life/injury risk percentage <20%	0	0	N/A	N/A	No impact on water supply	0	0.70
Lake Eastland CIP 3.5	0	Reduced risk for 0 structures in floodplain	0	0.000%		Life/injury risk percentage <20%	0	0	N/A	N/A	No impact on water supply	0	0.70
Mallard Lane	0	Reduced risk for 0 structures in floodplain	0	1.500%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.33
TH Johnson	0	Reduced risk for 0 structures in floodplain	0	1.500%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.33
Davis St	0	Reduced risk for 0 structures in floodplain	0	1.500%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.37

Appendix 5.8 Additional Project Details

	Social Vulnerability		Nature-Based Solutions			Multiple Benefits			Operation and Maintenance		
Project Name	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Operations and Maintenance Ranking	Score 11
County Road 256 Alternative 1	SVI between 0.25-0.5 (low to moderate Vulnerability)	4	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$4,145	Project will not require any ongoing operation and maintenance (low);	10
Morgan Mill Alternative 1	SVI between 0.5-0.75 (moderate to high Vulnerability)	7	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$2,661	Project will not require any ongoing operation and maintenance (low);	10
Long St Alternative 1	SVI between 0.5-0.75 (moderate to high Vulnerability)	7	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$8,993	Project will not require any ongoing operation and maintenance (low);	10
Weaver Creek and Main Street Culvert Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Reduces flooding in high visibility area	Project delivers benefits in only 1 wider benefit category	1	-	Unknown	0
Tributary 3 and UPPR Culvert Improvements	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Reduces flooding on railroad	Project delivers benefits in only 1 wider benefit category	1	-	Unknown	0
Lake Eastland CIP 3.5	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Passes the %PMF and remove structures from TCEQ violation	Project delivers benefits in 2 wider benefit categories	4	-	Unknown	0
Mallard Lane	SVI between 0.01-0.25 (low vulnerability)	1	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$64,276	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
TH Johnson	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$20,903	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Davis St	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$163,655	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

Appendix 5.8 Additional Project Details

	Potential Obstacles		Environmental Benefits		Environmental Impacts		Mobility Benefits	
Project Name	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Environmental Benefit Ranking	Score 13	Environmental Impact Ranking	Score 14	Mobility Ranking	Score 15
County Road 256 Alternative 1	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Morgan Mill Alternative 1	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Long St Alternative 1	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Weaver Creek and Main Street Culvert Improvements	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Unknown	0	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Tributary 3 and UPPR Culvert Improvements	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Unknown	0	Project provides no change to major, minor, or emergency access routes in the project area.	0
Lake Eastland CIP 3.5	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Unknown	0	Project provides no change to major, minor, or emergency access routes in the project area.	0
Mallard Lane	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project provides no change to major, minor, or emergency access routes in the project area.	0
TH Johnson	Project has few administrative, regulatory and implementation limitations / requirements	10	Project will deliver a low level of environmental benefits (1 category)	3	Project has no adverse environmental impacts	10	Project provides no change to major, minor, or emergency access routes in the project area.	0
Davis St	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4

Appendix 5.8 Additional Project Details

General Project Data														
Project Name	FMP	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status
Bel-Air	083001309	Proposed storm sewer system located along Bel-Air Drive, Dellinger Drive, and Randall Street that discharges into Bull Branch. Approximately 1,365 linear feet.	Lower Brazos Region	Storm Drain	Category 2	Mustang Creek	N	\$903,000	0.000	\$903,000	2-year	100-year	9	Planning
Annie St	083001310	Proposed storm sewer along Annie Street, Howard Street, and 7th Street that discharges to a new outfall in the railroad drainage dithc to the south of 2nd Street. Approximately 4,000 linear feet of RCP.	Lower Brazos Region	Storm Drain	Category 2	Mustang Creek	N	\$2,626,000	0.300	\$438,000	2-year	100-year	14	Planning
Sun Valley Neighborhood Levee	083001311	Construction of levee to protect neighborhood from flooding.	Lower Brazos Region	Levee	Category 2	Stillhouse Branch-Leon River	Y	\$1,594,290	1.380	\$31,107	10-year	100-year	43	Planning
Straws Mill Road LWC	083001312	Removal of low water crossing through xxx.	Lower Brazos Region	LWC Upgrade	Category 2	Cottonwood Creek-Leon River	Y	\$1,021,710	1.810	NA	2-year	50-year	0	Preliminary
Leon WWTP Parapet Wall	083001313	-	Lower Brazos Region	Comprehensive Drainage Improvements	Category 2	Cottonwood Creek-Leon River	Y	\$642,000	-	-	-	-	-	Preliminary
Arrowood Lane Culvert	083001314	-	Lower Brazos Region	Comprehensive Drainage Improvements	Category 2	Cottonwood Creek-Leon River	Y	\$776,000	-	-	-	-	-	Preliminary
SH 36 Culverts	083001315	-	Lower Brazos Region	Comprehensive Drainage Improvements	Category 2	Cottonwood Creek-Leon River	Y	\$328,000	-	-	-	-	-	Preliminary
FM 929 Culverts	083001316	-	Lower Brazos Region	Comprehensive Drainage Improvements	Category 2	Lower Coryell Creek	Y	\$1,535,000	-	-	-	-	-	Preliminary

Appendix 5.8 Additional Project Details

	Severity of Flood Risk								Flood Risk Reduction								
Project Name	Average Flood Depth (100yr)	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Column1	Flood Damage Reduction	Score 4
Bel-Air	0	Baseline average flood depth < 0.5ft	2	City of Taylor	16,267	27	<25% of project community affected	1	8	Reduced risk to <50% of structures in floodplain	4	8	\$802,799	\$729,737	0.0910	Flood damage reduction < 25%	2
Annie St	0.35	Baseline average flood depth < 0.5ft	2	City of Taylor	16,267	42	<25% of project community affected	1	6	Reduced risk to <75% of structures in floodplain	7	6	\$412,654	\$101,156	0.7549	Flood damage reduction > 75%	8
Sun Valley Neighborhood Levee	1.1	Baseline average flood depth > 1ft	6	City of Gatesville	16,135	129	<25% of project community affected	1	0	Reduced risk to >75% of structures in floodplain	10	0	\$2,564,569	\$0	1.0000	Flood damage reduction >95%	10
Straws Mill Road LWC	2 at road	Baseline average flood depth > 2ft	8	City of Gatesville	16,135	0	<25% of project community affected	1	0	Reduced risk to 0 structures in floodplain	0	0	\$0	\$0	-	Flood damage reduction < 25%	2
Leon WWTP Parapet Wall	Unknown	Baseline average flood depth < 0.5ft	0	City of Gatesville	16,135	-	<25% of project community affected	0	0	-	0	-	-	-	-	-	0
Arrowood Lane Culvert	Unknown	Baseline average flood depth < 0.5ft	0	City of Gatesville	16,135	-	<25% of project community affected	0	1	-	0	-	-	-	-	-	0
SH 36 Culverts	Unknown	Baseline average flood depth < 0.5ft	0	City of Gatesville	16,135	-	<25% of project community affected	0	1	-	0	-	-	-	-	-	0
FM 929 Culverts	Unknown	Baseline average flood depth < 0.5ft	0	City of Gatesville	16,135	-	<25% of project community affected	0	0	-	0	-	-	-	-	-	0

Appendix 5.8 Additional Project Details

	Flood Risk Reduction							Water Supply Yield					
Project Name	# of Critical Faciliites Removed from 1% Annual Chance FP	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Column2	Life and Safety Ranking (Injury/Loss of Life)	Score 6	Water Supply Benefit in Acre- Feet	SourceID	WMS_ID	Water Supply Yield Ranking	Score 7	SVI Score
Bel-Air	0	Reduced risk for 0 structures in floodplain	0	1.500%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.33
Annie St	0	Reduced risk for 0 structures in floodplain	0	1.500%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.37
Sun Valley Neighborhood Levee	0	Reduced risk for 0 structures in floodplain	0	11.316%		Life/injury risk percentage <20%	2	0	N/A	N/A	No impact on water supply	0	0.68
Straws Mill Road LWC	0	Reduced risk for 0 structures in floodplain	0	128.400%		Life/injury risk percentage >50%	10	0	N/A	N/A	No impact on water supply	0	0.51
Leon WWTP Parapet Wall	1	Reduced risk for 0 structures in floodplain	0	0.000%		Life/injury risk percentage <20%	0	0	N/A	N/A	No impact on water supply	0	0.51
Arrowood Lane Culvert	0	Reduced risk for 0 structures in floodplain	0	0.000%		Life/injury risk percentage <20%	0	0	N/A	N/A	No impact on water supply	0	0.68
SH 36 Culverts	0	Reduced risk for 0 structures in floodplain	0	0.000%		Life/injury risk percentage <20%	0	0	N/A	N/A	No impact on water supply	0	0.68
FM 929 Culverts	0	Reduced risk for 0 structures in floodplain	0	0.000%		Life/injury risk percentage <20%	0	0	N/A	N/A	No impact on water supply	0	0.35

Appendix 5.8 Additional Project Details

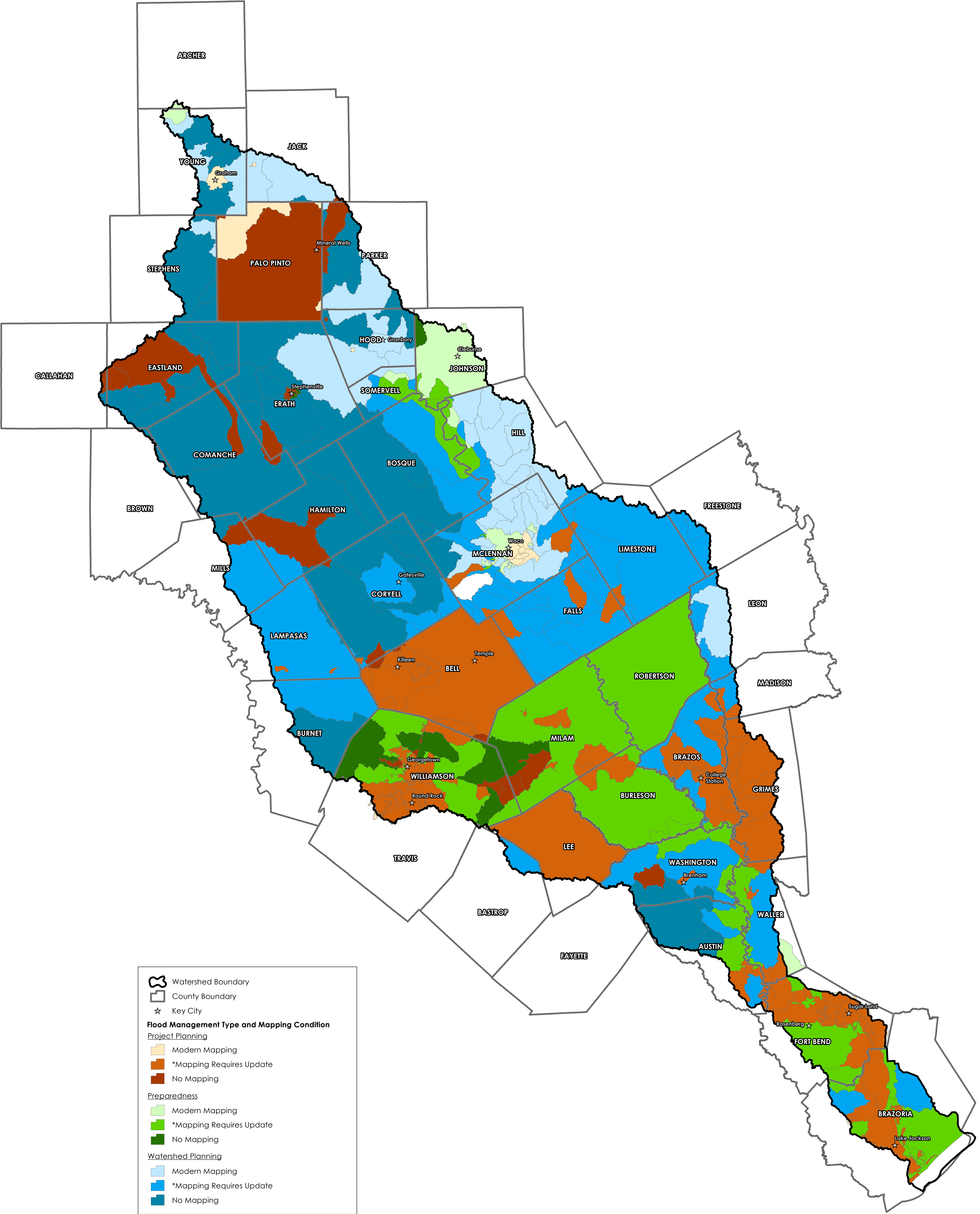
Social Vulnerability			Nature-Based Solutions			Multiple Benefits			Operation and Maintenance		
Project Name	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Nature-Based Solutions Ranking	Score 9	Multiple Benefits Description	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Operations and Maintenance Ranking	Score 11
Bel-Air	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$36,775	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Annie St	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	\$97,080	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Sun Valley Neighborhood Levee	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Recreation benefits	Project delivers benefits in only 1 wider benefit category	1	\$5,090	Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long-term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high);	4
Straws Mill Road LWC	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1	\$3,406	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Leon WWTP Parapet Wall	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	None	Project does not deliver any wider benefits	0	-	Unknown	0
Arrowood Lane Culvert	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1	-	Unknown	0
SH 36 Culverts	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1	-	Unknown	0
FM 929 Culverts	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0	<25% of the project cost is nature-based	1	Transportation benefits.	Project delivers benefits in only 1 wider benefit category	1	-	Unknown	0

Appendix 5.8 Additional Project Details

	Potential Obstacles		Environmental Benefits		Environmental Impacts		Mobility Benefits	
Project Name	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Environmental Benefit Ranking	Score 13	Environmental Impact Ranking	Score 14	Mobility Ranking	Score 15
Bel-Air	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Annie St	Project has few administrative, regulatory and implementation limitations / requirements	10	Project does not provide any environmental benefits	0	Project has no adverse environmental impacts	10	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4
Sun Valley Neighborhood Levee	Project has a high number of administrative, regulatory and limitations / requirements	2	Project will deliver a low level of environmental benefits (1 category)	3	Project will have adverse environmental impacts in 2-3 environmental categories	3	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7
Straws Mill Road LWC	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Project will have adverse environmental impacts in 1 environmental category	6	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10
Leon WWTP Parapet Wall	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Unknown	0	-	0
Arrowood Lane Culvert	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Unknown	0	-	0
SH 36 Culverts	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Unknown	0	-	0
FM 929 Culverts	Project has a typical number of administrative, regulatory and limitations / requirements	6	Project does not provide any environmental benefits	0	Unknown	0	-	0

DRAFT

ATTACHMENT 2 – MAPS



Watershed Boundary
 County Boundary
 Key City

Flood Management Type and Mapping Condition

Project Planning

- Modern Mapping
- *Mapping Requires Update
- No Mapping

Preparedness

- Modern Mapping
- *Mapping Requires Update
- No Mapping

Watershed Planning

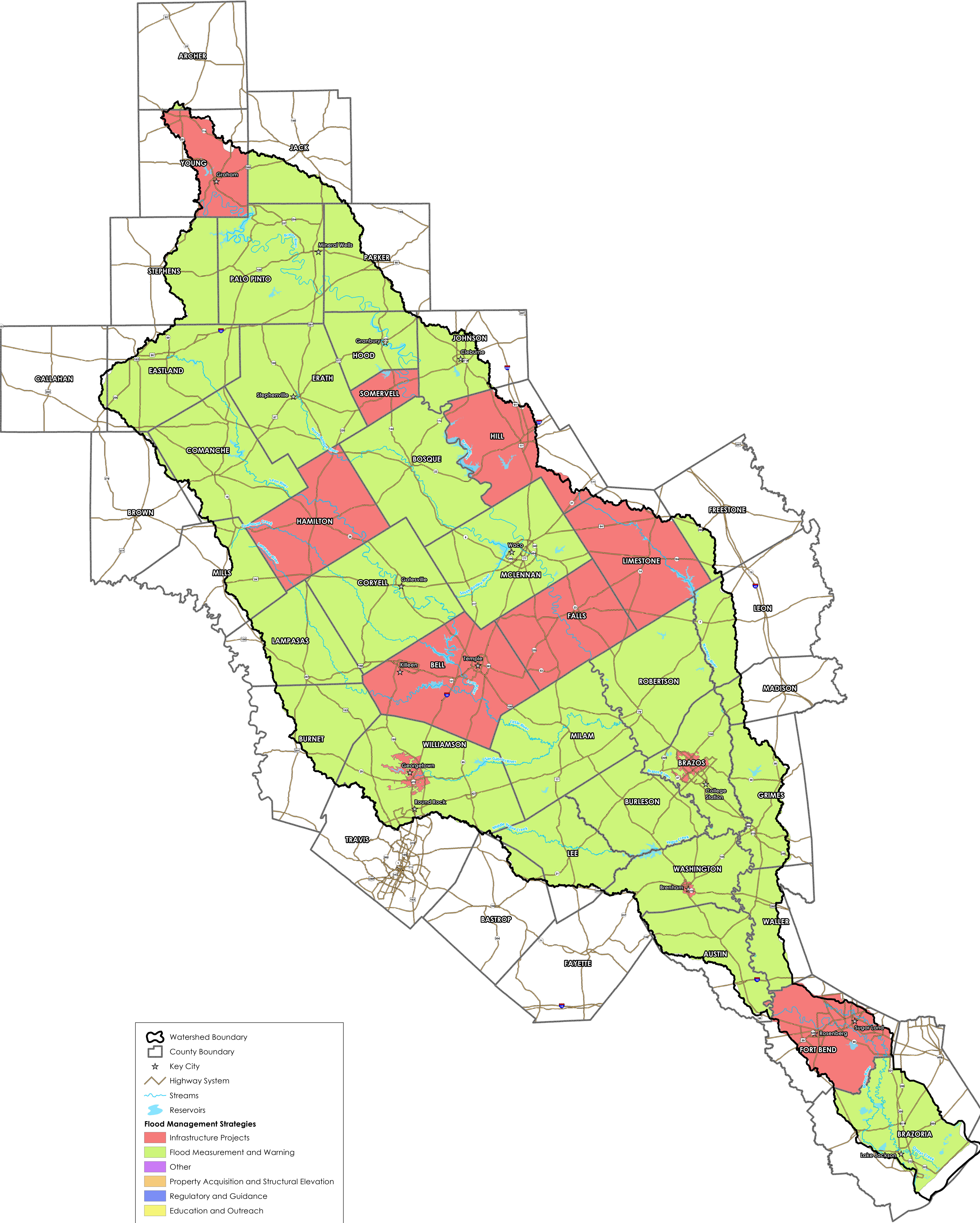
- Modern Mapping
- *Mapping Requires Update
- No Mapping

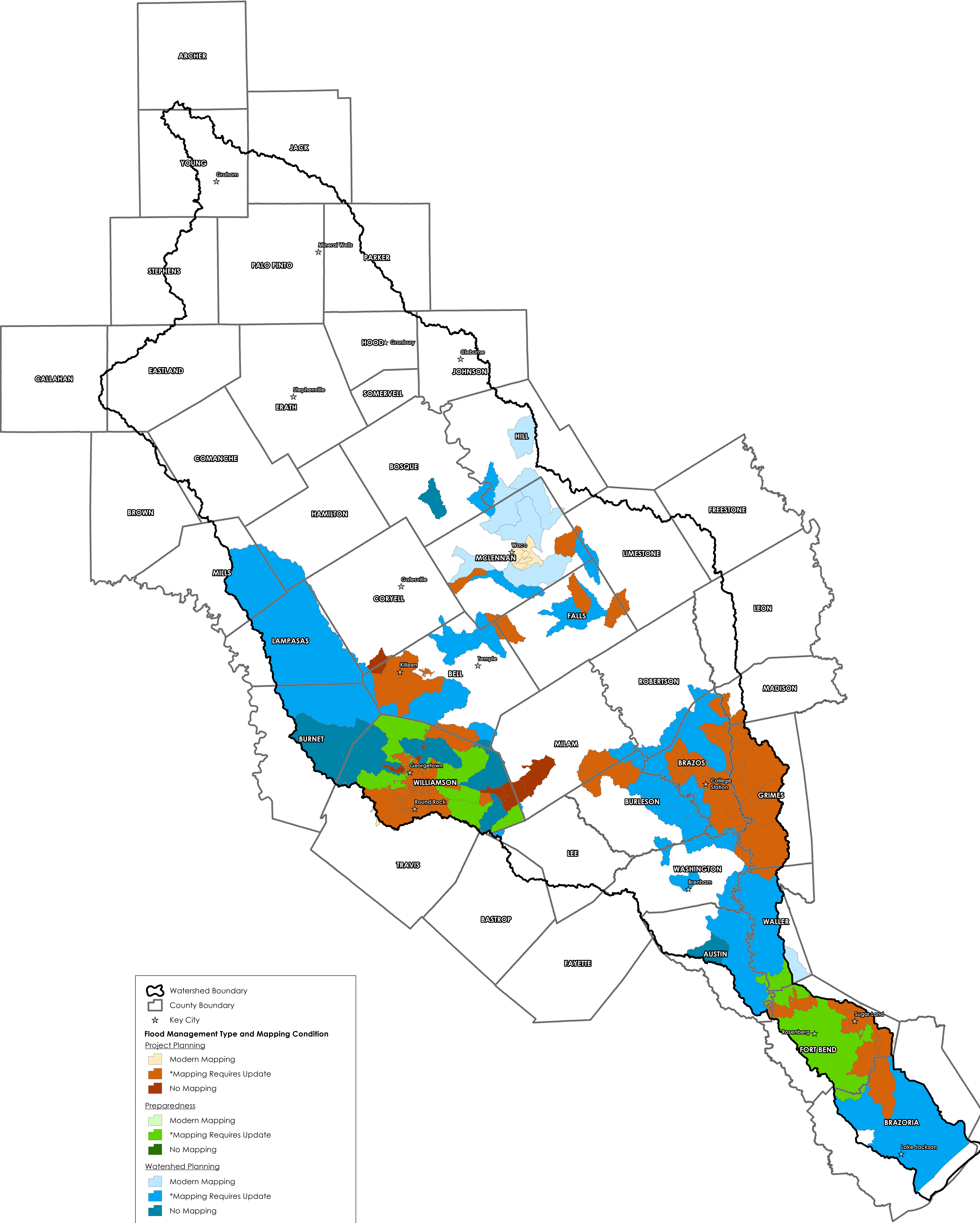
*Mapping requires updates when it is found to meet the following conditions

- Effective FEMA mapping is more than 10 years old
- Effective mapping is non-modernized
- Mapping is affected by Atlas 14 updates

See Map 5 for more information on existing flood map gaps





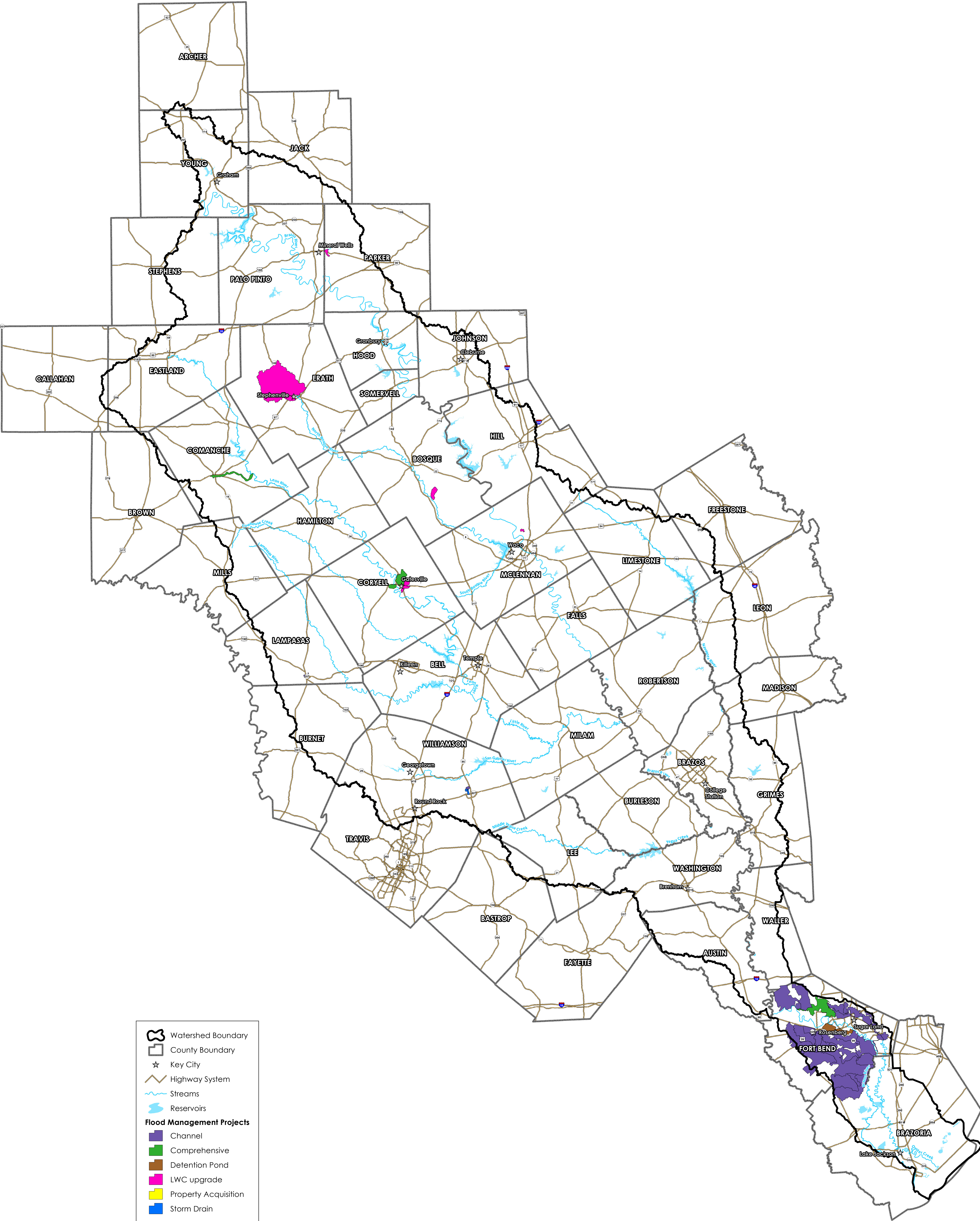


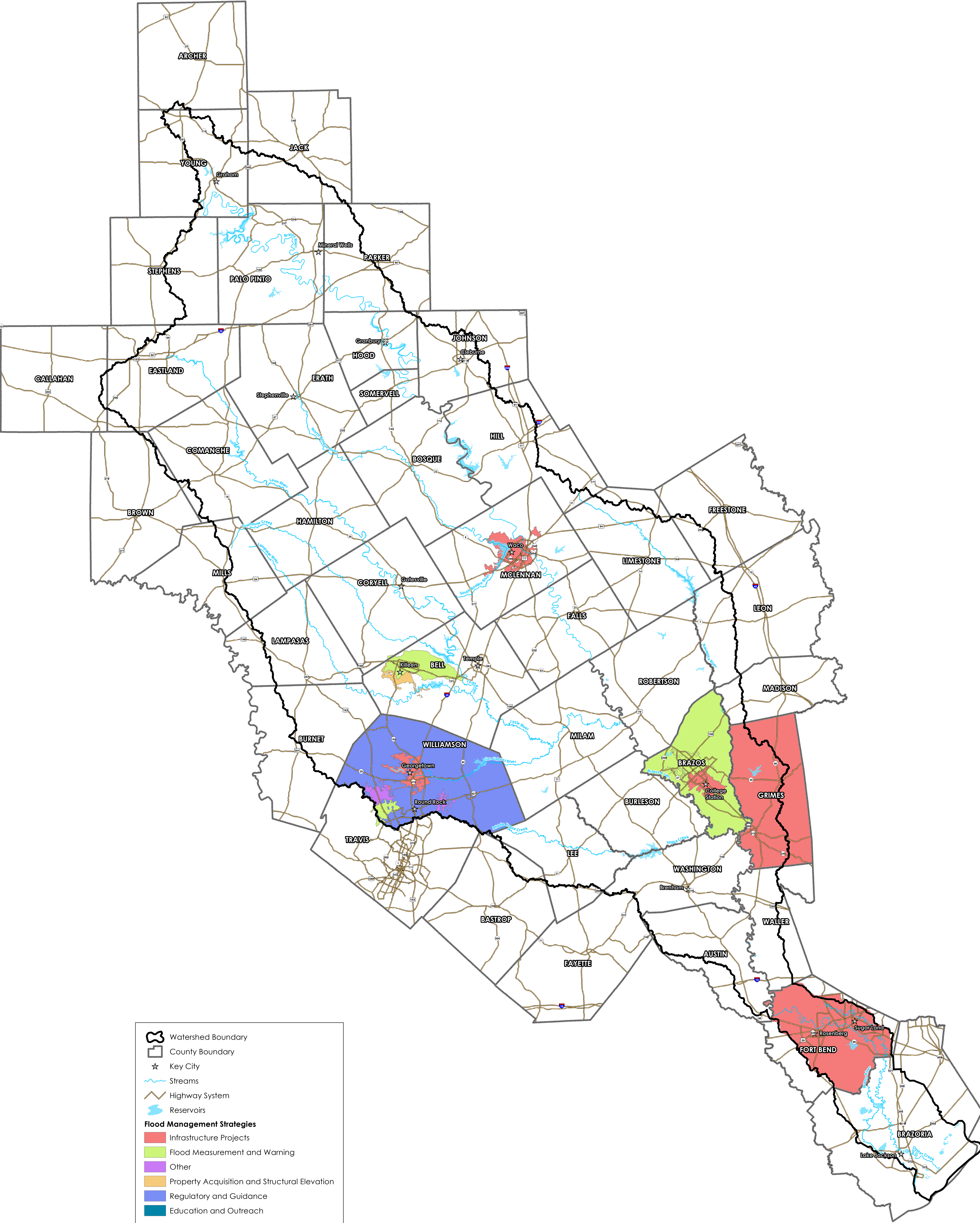
*Mapping requires updates when it is found to meet the following conditions

- Effective FEMA mapping is more than 10 years old
- Effective mapping is non-modernized
- Mapping is affected by Atlas 14 updates

See Map 5 for more information on existing flood map gaps







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**ATTACHMENT 3 – GEODATABASE CHANGE
LOG**

Attachment 3: Geodatabase Log - FMEs

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FME	FME_ID	Yes	78	78 Additional FMEs were added under the amendment.
	FME_NAME	Yes	82	78 Additional FMEs were added under the amendment. 4 FME_NAME updates.
	DESCR	Yes	86	78 Additional FMEs were added under the amendment. 8 DESCR updates.
	RFPG_NUM	Yes	78	78 Additional FMEs were added under the amendment.
	RFPG_NAME	Yes	78	78 Additional FMEs were added under the amendment.
	COUNTY	Yes	78	78 Additional FMEs were added under the amendment.
	HUC8	Yes	78	78 Additional FMEs were added under the amendment.
	HUC10	Yes	78	78 Additional FMEs were added under the amendment.
	HUC12	Yes	78	78 Additional FMEs were added under the amendment.
	WS_ID	Yes	78	78 Additional FMEs were added under the amendment.
	GOAL_ID	Yes	78	78 Additional FMEs were added under the amendment.
	AREA_SQMI	Yes	78	78 Additional FMEs were added under the amendment.
	FLD_TP_RIV	Yes	78	78 Additional FMEs were added under the amendment.
	FLD_TP_CST	Yes	78	78 Additional FMEs were added under the amendment.
	FLD_TP_LOC	Yes	78	78 Additional FMEs were added under the amendment.
	FLD_TP_PLY	Yes	78	78 Additional FMEs were added under the amendment.
	FLD_TP_OTH	Yes	78	78 Additional FMEs were added under the amendment.
	SPONSOR	Yes	78	78 Additional FMEs were added under the amendment.
	ENTITY_ID	Yes	78	78 Additional FMEs were added under the amendment.
	EMER_NEED	Yes	78	78 Additional FMEs were added under the amendment.
	FME_TYPE	Yes	78	78 Additional FMEs were added under the amendment.
	FME_COST	Yes	81	78 Additional FMEs were added under the amendment. 3 FME_COST updates.
	FMP_COST	Yes	78	78 Additional FMEs were added under the amendment.
	FUND	Yes	78	78 Additional FMEs were added under the amendment.
	FUND_SRC	Yes	78	78 Additional FMEs were added under the amendment.
	FUND_AMNT	Yes	78	78 Additional FMEs were added under the amendment.
	STRUCT_100	Yes	78	78 Additional FMEs were added under the amendment.
	RES_STRUCT100	Yes	78	78 Additional FMEs were added under the amendment.
	POP_DAY100	Yes	78	78 Additional FMEs were added under the amendment.
	POP_NIGHT100	Yes	78	78 Additional FMEs were added under the amendment.
	POP100	Yes	78	78 Additional FMEs were added under the amendment.
	CRITFAC100	Yes	78	78 Additional FMEs were added under the amendment.
	LWC	Yes	78	78 Additional FMEs were added under the amendment.
	ROAD_MILES100	Yes	78	78 Additional FMEs were added under the amendment.
	ROADCLS	Yes	78	78 Additional FMEs were added under the amendment.
	FARMACRE100	Yes	78	78 Additional FMEs were added under the amendment.
	NEW_MODEL	Yes	78	78 Additional FMEs were added under the amendment.
	MODEL_EXST	Yes	78	78 Additional FMEs were added under the amendment.
	MODEL_DESC	Yes	78	78 Additional FMEs were added under the amendment.
	HYDRO_DATE	Yes	78	78 Additional FMEs were added under the amendment.
	HYDRA_DATE	Yes	78	78 Additional FMEs were added under the amendment.
	MODEL_ID	Yes	78	78 Additional FMEs were added under the amendment.
	MAP_EXST	Yes	78	78 Additional FMEs were added under the amendment.

Attachment 3: Geodatabase Log - FMEs

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FME	MAP_DESC	Yes	78	78 Additional FMEs were added under the amendment.
	MAP_DATE	Yes	78	78 Additional FMEs were added under the amendment.
	SOURCE	Yes	78	78 Additional FMEs were added under the amendment.
	SRC_DATE	Yes	78	78 Additional FMEs were added under the amendment.
	SRC_LINK	Yes	78	78 Additional FMEs were added under the amendment.
	REGULATORY	Yes	78	78 Additional FMEs were added under the amendment.
	TERR_DATA	Yes	78	78 Additional FMEs were added under the amendment.
	TERR_DATE	Yes	78	78 Additional FMEs were added under the amendment.
	ASSOCIATED	Yes	78	78 Additional FMEs were added under the amendment.
	ASSCFME_ID	Yes	78	78 Additional FMEs were added under the amendment.
	ASSCFMS_ID	Yes	78	78 Additional FMEs were added under the amendment.
	ASSCFMP_ID	Yes	78	78 Additional FMEs were added under the amendment.
	ASSC_DESC	Yes	78	78 Additional FMEs were added under the amendment.
	ASSC_FIF	Yes	78	78 Additional FMEs were added under the amendment.
	RECOMMEND	Yes	84	78 Additional FMEs were added under the amendment. 6 RECOMMEND updates.
	REC_DESC	Yes	84	78 Additional FMEs were added under the amendment. 6 REC DESC updates.
Watershed	FME_ID	No		
ExFldInfraPt	FME_ID	No		
ExFldInfraLn	FME_ID	No		
ExFldInfraPol	FME_ID	No		
ExFldHazard	FME_ID	No		
Ex_Map_Gaps	FME_ID	No		
ExFldExpPol	FME_ID	No		
ExFldExpLn	FME_ID	No		
ExFldExpPt	FME_ID	No		
ExFldExpAll	FME_ID	No		
FutFldInfraPt	FME_ID	No		
FutFldInfraLn	FME_ID	No		
FutFldInfraPol	FME_ID	No		
FutFldHazard	FME_ID	No		
Fut_Map_Gaps	FME_ID	No		
FutFldExpPol	FME_ID	No		
FutFldExpLn	FME_ID	No		
FutFldExpPt	FME_ID	No		
FutFldExpAll	FME_ID	No		
Streams	FME_ID	No		
FMP_HazPost	FME_ID	No		
Table 1 Infrastructure Summary		No		
Table 12 Identified FME		Yes	87	Added 78 FMEs. Made updates to 9 FMEs including 6 new recommendations
Table 15 Recommended FME		Yes	84	Added 84 FMEs - 78 new submissions and 6 new recommendations.

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
Table 19 Funding Survey		Yes	84	Added 84 FMEs - 78 new submissions and 6 new recommendations.

Attachment 3: Geodatabase Log - FMPs

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FMP	FMP_ID	No		
	FMP_NAME	Yes	1	1 update to FMP_NAME
	FMP_DESCR	Yes	1	1 update to FMP_DESCR
	RFPG_NUM	No		
	RFPG_NAME	No		
	COUNTY	No		
	HUC8	No		
	HUC10	No		
	HUC12	No		
	WS_ID	No		
	SOURCE	No		
	GOAL_ID	No		
	AREA_SQMI	No		
	FLD_TP_RIV	No		
	FLD_TP_CST	No		
	FLD_TP_LOC	No		
	FLD_TP_PLY	No		
	FLD_TP_OTH	No		
	SPONSOR	Yes	2	2 updates to SPONSOR
	ENTITY_ID	No		
	EMER_NEED	No		
	EMER_DESC	No		
	FMP_TYPE	No		
	FMP_COST	No		
	RECUR_COST	No		
	FUND	No		
	FUND_SRC	No		
	FUND_AMNT	No		
	AREA_100	No		
	AREA_500	No		
	AREA_PRONE	No		
	STRUCT_100	No		
	STRUCT_500	No		
	RES_STRUCT100	No		
	POP_DAY100	No		
	POP_NIGHT100	No		
	POP100	No		
	CRITFAC100	No		
	LWC	No		
	ROAD_MILES100	No		
	ROADCLS	No		
	FARMACRE100	No		
	FATAL	No		
	INJURY	No		
	DAMAGE	No		

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FMP	REDSTRUCT100	No		
	REMSTRC100	No		
	REMSTRC500	No		
	REMRESSTRC100	No		
	REMPPOP100	No		
	REMCRTFAC100	No		
	REMLWC100	No		
	REMRDLEN100	No		
	REMROADCLS	No		
	REMFARMACRE100	No		
	REMFATAL	No		
	REMINJR	No		
	REMDAMAGE	No		
	PREPROJLOS	No		
	POSPROJLOS	No		
	COSTSTRUCT	No		
	BC_RATIO	No		
	OTH_BENEFT	No		
	SVI	No		
	NEG_IMPACT	No		
	NEG_DESC	No		
	NEG_MITIG	No		
	WATER_SUP	No		
	WSUP_DESCR	No		
	RISKS	No		
	NATURE	No		
	TRAFFIC	No		
	ASSOCIATED	No		
	ASSCFME_ID	No		
	ASSCFMS_ID	No		
	ASSCFMP_ID	No		
	ASSC_DESC	No		
	ASSC_FIF	No		
	ASSCPOSTHZ	No		
	ISSUES	No		
	RECOMMEND	Yes	3	3 FMPs were updated as recommended.
	REC_DESC	Yes	3	3 updates to REC_DESC
	MODEL_ID	No		
FMP_Details	FMP_NAME	No		
	FMP_ID	No		
	FMP_DESCR	No		
	RFPG_NAME	No		
	FMP_TYPE	No		
	FIUP_CAT	No		
	WS_NAME	No		

Attachment 3: Geodatabase Log - FMPs

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FMP_Details	RURAL	No		
	FMP_COST	No		
	BC_RATIO	No		
	COSTSTRUCT	No		
	PREPROJLOS	No		
	POSPROJLOS	No		
	STRUCT_100	No		
	STATUS	No		
	DEPTH	No		
	NOTES1	No		
	RANKING1	No		
	SCORE1	No		
	NUM_CMNTY	No		
	POP_CMNTY	No		
	POP_HAZ	No		
	NOTES2	No		
	RANKING2	No		
	SCORE2	No		
	STRUCT_100	No		
	NOTES3	No		
	RANKING3	No		
	SCORE3	No		
	REDSTRUCT	No		
	DAMAGE	No		
	REMDAMAGE	No		
	NOTES4	No		
	RANKING4	No		
	SCORE4	No		
	REMCRTFAC	No		
	NOTES5	No		
	RANKING5	No		
	SCORE5	No		
	INJ_PCT	No		
	NOTES6	No		
	RANKING6	No		
	SCORE6	No		
	WSUP_AF	No		
	SOURCE_ID	No		
	WMS_ID	No		
	NOTES7	No		
	RANKING7	No		
	SCORE7	No		
	SVI	No		
	NOTES8	No		
	RANKING8	No		

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FMP_Details	SCORE8	No		
	GREEN	No		
	NOTES9	No		
	RANKING9	No		
	SCORE9	No		
	MULT_BEN	No		
	NOTES10	No		
	RANKING10	No		
	SCORE10	No		
	OMCOST_YR	No		
	NOTES11	No		
	RANKING11	No		
	SCORE11	No		
	NOTES12	No		
	RANKING12	No		
	SCORE12	No		
	NOTES13	No		
	RANKING13	No		
	SCORE13	No		
	NOTES14	No		
	RANKING14	No		
	SCORE14	No		
	TRAFFIC	No		
	NOTES15	No		
	RANKING15	No		
	SCORE15	No		
	PROJ_CNT	No		
	RANKING16	No		
	SCORE16	No		
Watershed	FMP_ID	No		
ExFldInfraPt	FMP_ID	No		
ExFldInfraLn	FMP_ID	No		
ExFldInfraPol	FMP_ID	No		
ExFldHazard	FMP_ID	No		
ExFldExpPol	FMP_ID	No		
ExFldExpLn	FMP_ID	No		
ExFldExpPt	FMP_ID	No		
ExFldExpAll	FMP_ID	No		
FutFldInfraPt	FMP_ID	No		
FutFldInfraLn	FMP_ID	No		
FutFldInfraPol	FMP_ID	No		
FutFldHazard	FMP_ID	No		
FutFldExpPol	FMP_ID	No		
FutFldExpLn	FMP_ID	No		
FutFldExpPt	FMP_ID	No		

Attachment 3: Geodatabase Log - FMPs

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FutFldExpAll	FMP_ID	No		
Streams	FMP_ID	No		
FMP_HazPost	FMP_ID	No		
FMP Details Excel Workbook		Yes		Added 3 recommended FMPs.
Table 1 Infrastructure Summary		No		
Table 13 Identified FMP		Yes	3	Revised description and name of 1 existing FMP, revised sponsorship designation for 2 FMPs.
Table 16 Recommended FMP		Yes	4	3 FMPs were updated as recommended, revised description and name of 1 existing FMP, revised sponsorship designation for 2 FMPs.
Table 19 Funding Survey		Yes	3	Added 3 recommended FMPs.
No Negative Impacts Table		Yes	3	Added 3 recommended FMPs.
HHModels Spreadsheet		No		

Attachment 3: Geodatabase Log - FMSs

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FMS	FMS_ID	Yes	20	20 Additional FMSs were added under the amendment.
	FMS_NAME	Yes	20	20 Additional FMSs were added under the amendment.
	FMS_DESCR	Yes	21	20 Additional FMSs were added under the amendment. 1 update to FMS_DESCR.
	RFPG_NUM	Yes	20	20 Additional FMSs were added under the amendment.
	RFPG_NAME	Yes	20	20 Additional FMSs were added under the amendment.
	COUNTY	Yes	20	20 Additional FMSs were added under the amendment.
	HUC8	Yes	20	20 Additional FMSs were added under the amendment.
	HUC10	Yes	20	20 Additional FMSs were added under the amendment.
	HUC12	Yes	20	20 Additional FMSs were added under the amendment.
	WS_ID	Yes	20	20 Additional FMSs were added under the amendment.
	GOAL_ID	Yes	20	20 Additional FMSs were added under the amendment.
	AREA_SQMI	Yes	20	20 Additional FMSs were added under the amendment.
	FLD_TP_RIV	Yes	20	20 Additional FMSs were added under the amendment.
	FLD_TP_CST	Yes	20	20 Additional FMSs were added under the amendment.
	FLD_TP_LOC	Yes	20	20 Additional FMSs were added under the amendment.
	FLD_TP_PLY	Yes	20	20 Additional FMSs were added under the amendment.
	FLD_TP_OTH	Yes	20	20 Additional FMSs were added under the amendment.
	SPONSOR	Yes	20	20 Additional FMSs were added under the amendment.
	ENTITY_ID	Yes	20	20 Additional FMSs were added under the amendment.
	EMER_NEED	Yes	20	20 Additional FMSs were added under the amendment.
	FMS_TYPE	Yes	20	20 Additional FMSs were added under the amendment.
	FMS_COST	Yes	21	20 Additional FMSs were added under the amendment. 1 update to FMS_COST.
	NRNC_COST	Yes	21	20 Additional FMSs were added under the amendment. 1 update to NRNC_COST.
	FUND	Yes	20	20 Additional FMSs were added under the amendment.
	FUND_SRC	Yes	20	20 Additional FMSs were added under the amendment.
	FUND_AMNT	Yes	20	20 Additional FMSs were added under the amendment.
	AREA_100	Yes	20	20 Additional FMSs were added under the amendment.
	AREA_500	Yes	20	20 Additional FMSs were added under the amendment.
	AREA_PRONE	Yes	20	20 Additional FMSs were added under the amendment.
	STRUCT_100	Yes	20	20 Additional FMSs were added under the amendment.
	STRUCT_500	Yes	20	20 Additional FMSs were added under the amendment.
	RES_STRUCT100	Yes	20	20 Additional FMSs were added under the amendment.
	POP_DAY100	Yes	20	20 Additional FMSs were added under the amendment.
	POP_NIGHT100	Yes	20	20 Additional FMSs were added under the amendment.
	POP100	Yes	20	20 Additional FMSs were added under the amendment.
	CRITFAC100	Yes	20	20 Additional FMSs were added under the amendment.
	LWC	Yes	20	20 Additional FMSs were added under the amendment.
	ROAD_MILES100	Yes	20	20 Additional FMSs were added under the amendment.
	ROADCLS	Yes	20	20 Additional FMSs were added under the amendment.
	FARMACRE100	Yes	20	20 Additional FMSs were added under the amendment.
	FATAL	Yes	20	20 Additional FMSs were added under the amendment.
	INJURY	Yes	20	20 Additional FMSs were added under the amendment.
	DAMAGE	Yes	20	20 Additional FMSs were added under the amendment.

Attachment 3: Geodatabase Log - FMSs

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
FMS	REDSTRUCT100	Yes	20	20 Additional FMSs were added under the amendment.
	REMSTRC100	Yes	20	20 Additional FMSs were added under the amendment.
	REMSTRC500	Yes	20	20 Additional FMSs were added under the amendment.
	REMRESSTRC100	Yes	20	20 Additional FMSs were added under the amendment.
	REMPPOP100	Yes	20	20 Additional FMSs were added under the amendment.
	REMCRTIFAC100	Yes	20	20 Additional FMSs were added under the amendment.
	REMLWC100	Yes	20	20 Additional FMSs were added under the amendment.
	REMRDLEN100	Yes	20	20 Additional FMSs were added under the amendment.
	REMROADCLS	Yes	20	20 Additional FMSs were added under the amendment.
	REMFRMACRE100	Yes	20	20 Additional FMSs were added under the amendment.
	REMFATAL	Yes	20	20 Additional FMSs were added under the amendment.
	REMINJR	Yes	20	20 Additional FMSs were added under the amendment.
	REMDAMAGE	Yes	20	20 Additional FMSs were added under the amendment.
	COSTSTRUCT	Yes	20	20 Additional FMSs were added under the amendment.
	OTH_BENEFT	Yes	20	20 Additional FMSs were added under the amendment.
	NEG_IMPACT	Yes	20	20 Additional FMSs were added under the amendment.
	NEG_DESC	Yes	20	20 Additional FMSs were added under the amendment.
	NEG_MITIG	Yes	20	20 Additional FMSs were added under the amendment.
	WATER_SUP	Yes	20	20 Additional FMSs were added under the amendment.
	WSUP_DESCR	Yes	20	20 Additional FMSs were added under the amendment.
	NATURE	Yes	20	20 Additional FMSs were added under the amendment.
	TRAFFIC	Yes	20	20 Additional FMSs were added under the amendment.
	ASSOCIATED	Yes	20	20 Additional FMSs were added under the amendment.
	ASSCFME_ID	Yes	20	20 Additional FMSs were added under the amendment.
	ASSCFMS_ID	Yes	20	20 Additional FMSs were added under the amendment.
	ASSCFMP_ID	Yes	20	20 Additional FMSs were added under the amendment.
	ASSC_DESC	Yes	20	20 Additional FMSs were added under the amendment.
	ASSC_FIF	Yes	20	20 Additional FMSs were added under the amendment.
	COMPARISON	Yes	20	20 Additional FMSs were added under the amendment.
	COMPFME_ID	Yes	20	20 Additional FMSs were added under the amendment.
	COMPFMS_ID	Yes	20	20 Additional FMSs were added under the amendment.
	COMPFMP_ID	Yes	20	20 Additional FMSs were added under the amendment.
	COMP_DESC	Yes	20	20 Additional FMSs were added under the amendment.
	RECOMMEND	Yes	21	20 Additional FMSs were added under the amendment. 1 update to RECOMMEND.
	REC_DESC	Yes	21	20 Additional FMSs were added under the amendment. 1 update to REC_DESC.
	MODEL_ID	Yes	20	20 Additional FMSs were added under the amendment.
Watershed	FMS_ID	No		
ExFldInfraPt	FMS_ID	No		
ExFldInfraLn	FMS_ID	No		
ExFldInfraPol	FMS_ID	No		
ExFldHazard	FMS_ID	No		
ExFldExpPol	FMS_ID	No		
ExFldExpLn	FMS_ID	No		

Feature Class/Table	Field Name	Change?	Count of Change	Description of Change
ExFldExpPt	FMS_ID	No		
ExFldExpAll	FMS_ID	No		
FutFldInfraPt	FMS_ID	No		
FutFldInfraLn	FMS_ID	No		
FutFldInfraPol	FMS_ID	No		
FutFldHazard	FMS_ID	No		
FutFldExpPol	FMS_ID	No		
FutFldExpLn	FMS_ID	No		
FutFldExpPt	FMS_ID	No		
FutFldExpAll	FMS_ID	No		
Streams	FMS_ID	No		
FMP_HazPost	FMS_ID	No		
Table 1 Infrastructure Summary		No		
Table 14 Identified FMS		Yes	20	Added 20 FMSs.
Table 17 Recommended FMS		Yes	21	added 20 new FMS and 1 FMS moved from non-recommended to recommended.
Table 19 Funding Survey		Yes	21	added 20 new FMS and 1 FMS moved from non-recommended to recommended.
HHModels Spreadsheet		No		

DRAFT

ATTACHMENT 4 – SUMMARY OF OUTREACH

County	Stakeholder Name	Stakeholder Type (City, Town, County?)	Email Contact with Flyer	Personal Contact (phone call or meeting)
Hill *	Abbott	City	Yes	
Brazoria *	Angleton	City	Yes	
Angleton	Angleton Drainage District	Drainage District	Yes	
Fort Bend *	Arcola	City	Yes	
Austin	Austin*	County	Yes	
Brazoria *	Bailey's Prairie	Village	Yes	
Bell	Bartlett	City	Yes	Yes
Bastrop	Bastrop County Municipal Utility District 1	Municipal Utility District	Yes	
Bell	Bell	County	Yes	Yes
McLennan	Bellmead	City	Yes	Yes
Austin	Bellville	City	Yes	
Bell	Belton	City	Yes	Yes
Burnet *	Bertram	City	Yes	
McLennan	Beverly Hills	City	Yes	
Multiple	Bluebonnet Groundwater Conservation District	Conservation District	Yes	
Hill *	Blum	Town	Yes	
Brazoria *	Bonney	Village	Yes	
Bosque	Bosque	County	Yes	Yes
Brazoria *	Brazoria	City	Yes	
Brazoria *	Brazoria County	County	Yes	Yes
Brazoria	Brazoria County Drainage District 11	Drainage District	Yes	
Brazoria	Brazoria County Drainage District 4	Drainage District	Yes	
Brazoria	Brazoria County Drainage District 5	Drainage District	Yes	
Brazoria	Brazoria County Drainage District 8	Drainage District	Yes	Yes
Brazoria	Brazoria County Municipal Utility District 17	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 19	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 2 & 3	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 21	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 22	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 23	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 24	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 25	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 26	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 28	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 29	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 31	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 32	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 34	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 35	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 36	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 38	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 39	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 40	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 42	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 43	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 53	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 55	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 56	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 6	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 61	Municipal Utility District	Yes	
Brazoria	Brazoria County Municipal Utility District 66	Municipal Utility District	Yes	
Brazoria	Brazoria County-Fort Bend County Municipal Utility District	Municipal Utility District	Yes	
Brazos	Brazos	County	Yes	Yes
Austin	Brazos Country	Community	Yes	
Multiple	Brazos Valley Council of Governments	Council of Governments	Yes	
Robertson	Bremond	City	Yes	
Washington	Brenham	City	Yes	Yes
Waller *	Brookshire	City	Yes	
Falls	Bruceville-Eddy	City	Yes	
Brazos	Bryan	City	Yes	Yes
Jack *	Bryson	City	Yes	
Milam	Buckholts	Town	Yes	
Burleson	Burleson	County	Yes	Yes
Burleson	Burleson Municipal Utility District 1	Municipal Utility District	Yes	
Washington	Burton	City	Yes	
Robertson	Calvert	City	Yes	
Milam	Cameron	City	Yes	
Multiple	Capital Area Council of Governments	Council of Governments	Yes	
Eastland *	Carbon	Town	Yes	
Williamson	Cedar Park	City	Yes	Yes
Multiple	Central Texas Council of Governments	Council of Governments	Yes	
Fort Bend	Chelford City Municipal Utility District	Municipal Utility District	Yes	
Fort Bend	Cimarron Municipal Utility District	Municipal Utility District	Yes	
Fort Bend	Cinco Municipal Utility District 1	Municipal Utility District	Yes	

County	Stakeholder Name	Stakeholder Type (City, Town, County?)	Email Contact with Flyer	Personal Contact (phone call or meeting)
Fort Bend	Cinco Municipal Utility District 12	Municipal Utility District	Yes	
Fort Bend	Cinco Municipal Utility District 2	Municipal Utility District	Yes	
Fort Bend	Cinco Municipal Utility District 5	Municipal Utility District	Yes	
Eastland *	Cisco	City	Yes	
Johnson *	Cleburne	City	Yes	
Bosque	Clifton	City	Yes	Yes
Brazoria *	Clute	City	Yes	
Brazos	College Station	City	Yes	Yes
Comanche *	Comanche	City	Yes	
Comanche *	Comanche *	County	Yes	
Parker *	Cool	Town	Yes	
Limestone *	Coolidge	Town	Yes	
Coryell	Copperas Cove	City	Yes	
Fort Bend	Cornerstones Municipal Utility District	Municipal Utility District	Yes	
Coryell	Coryell	County	Yes	Yes
Williamson	Coupland	City	Yes	
Hill *	Covington	City	Yes	
Bosque	Cranfills Gap	City	Yes	
McLennan	Crawford	Town	Yes	
Brazoria *	Danbury	City	Yes	
Comanche *	De Leon	City	Yes	
Hood *	DeCordova	City	Yes	
Erath	Dublin	City	Yes	
Eastland *	Eastland	City	Yes	Yes
Eastland *	Eastland *	County	Yes	Yes
Erath	Erath	County	Yes	Yes
Coryell/Hamilton	Evant	Town	Yes	
Fort Bend *	Fairchilds (Village)	Village	Yes	
Falls	Falls	County	Yes	Yes
Fort Bend	First Colony Levee Improvement District 1	Levee Improvement District	Yes	
Fort Bend	First Colony Levee Improvement District 2	Levee Improvement District	Yes	
Fort Bend	First Colony Municipal Utility District 10	Municipal Utility District	Yes	
Williamson	Florence	City	Yes	
Fort Bend *	Fort Bend *	County	Yes	Yes
Fort Bend *	Fort Bend County Drainage District	Drainage District	Yes	Yes
Fort Bend	Fort Bend County Levee Improvement District 02	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 06	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 07	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 08	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 10	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 11	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 12	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 14	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 15	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 17	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 19	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Levee Improvement District 20	Levee Improvement District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 005	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 019	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 023	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 025	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 026	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 030	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 034	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 042	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 046	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 047	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 048	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 049	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 057	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 081	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 094	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 116	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 118	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 119	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 121	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 124	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 130	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 134D	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 134E	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 136	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 141	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 143	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 144	Municipal Utility District	Yes	

County	Stakeholder Name	Stakeholder Type (City, Town, County?)	Email Contact with Flyer	Personal Contact (phone call or meeting)
Fort Bend	Fort Bend County Municipal Utility District 145	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 146	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 147	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 148	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 152 & 2	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 155	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 167	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 169	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 182	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 184	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 185	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 192	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 194	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 198	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 199	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 200	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 214	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 218	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Municipal Utility District 220	Municipal Utility District	Yes	
Fort Bend	Fort Bend County Water Control & Improvement District 2	Water Control & Improvement District	Yes	
Fort Bend	Fort Bend County Water Control & Improvement District 3	Water Control & Improvement District	Yes	
Fort Bend	Fort Bend Freshwater Supply District 2	Freshwater Supply District	Yes	
Waller	Fort Bend-Waller Counties Municipal Utility District 3	Municipal Utility District	Yes	
Brazoria *	Freeport	City	Yes	
Fort Bend *	Fulshear	City	Yes	
Fort Bend	Fulshear Municipal Utility District 1	Municipal Utility District	Yes	
Fort Bend	Fulshear Municipal Utility District 2	Municipal Utility District	Yes	
Fort Bend	Fulshear Municipal Utility District 3	Municipal Utility District	Yes	
Coryell	Gatesville	City	Yes	Yes
Williamson	Georgetown	City	Yes	Yes
McLennan	Gholson	City	Yes	Yes
Somervell	Glen Rose	City	Yes	Yes
Johnson *	Godley	City	Yes	
Falls/McLennan	Golinda	City	Yes	
Eastland *	Gordon	City	Yes	
Eastland *	Gorman	City	Yes	
Palo Pinto	Graford	Town	Yes	
Young *	Graham	City	Yes	
Hood *	Granbury	City	Yes	
Fort Bend	Grand Lakes Municipal Utility District 1	Municipal Utility District	Yes	
Williamson	Granger	City	Yes	
Grimes *	Grimes *	County	Yes	Yes
Limestone *	Groesbeck	City	Yes	
Comanche *	Gustine	Town	Yes	
McLennan	Hallsburg	City	Yes	
Hamilton	Hamilton	City	Yes	
Hamilton	Hamilton	County	Yes	
Hamilton County	Hamilton County	County	Yes	
Bell	Harker Heights	City	Yes	
Fort Bend	Harris County Municipal Utility District 393	Municipal Utility District	Yes	
Brazoria	Harris-Brazoria Counties Municipal Utility District 509	Municipal Utility District	Yes	
Fort Bend	Harris-Fort Bend Municipal Utility District 1	Municipal Utility District	Yes	
Fort Bend	Harris-Fort Bend Municipal Utility District 3	Municipal Utility District	Yes	
Waller	Harris-Waller Counties Municipal Utility District 3	Municipal Utility District	Yes	
Robertson	Hearne	City	Yes	
Multiple	Heart of Texas Council of Governments	Council of Governments	Yes	
Waller *	Hempstead	City	Yes	
McLennan	Hewitt	City	Yes	Yes
Hamilton	Hico	City	Yes	
Hill *	Hill *	County	Yes	
Hill *	Hillsboro	City	Yes	Yes
Brazoria *	Holiday Lakes	Town	Yes	
Bell	Holland	City	Yes	
Hood *	Hood *	County	Yes	Yes
Multiple	Houston-Galveston Area Council	Council of Governments	Yes	
Williamson	Hutto	City	Yes	
Austin	Industry	Town	Yes	
Fort Bend	International Management District	Management District	Yes	
Grimes *	Iola	City	Yes	
Bosque	Iredell	City	Yes	
Hill *	Itasca	City	Yes	
Williamson	Jarrell	City	Yes	
Johnson *	Johnson *	County	Yes	Yes
Johnson *	Johnson County - Precinct 1	County Precinct	Yes	

County	Stakeholder Name	Stakeholder Type (City, Town, County?)	Email Contact with Flyer	Personal Contact (phone call or meeting)
Johnson *	Joshua	City	Yes	
Lampasas *	Kempner	City	Yes	
Bell	Killeen	City	Yes	Yes
Fort Bend	Kingsbridge Municipal Utility District	Municipal Utility District	Yes	
Limestone *	Kosse	Town	Yes	
Brazos	Kurten	Town	Yes	
McLennan	Lacy-Lakeview	City	Yes	Yes
Brazoria *	Lake Jackson	City	Yes	
Lampasas *	Lampasas	City	Yes	
Lampasas *	Lampasas *	County	Yes	
Williamson/Travis	Leander	City	Yes	Yes
Lee *	Lee *	County	Yes	
McLennan	Leroy	City	Yes	
Lee *	Lexington	Town	Yes	
Williamson	Liberty Hill	City	Yes	
Limestone *	Limestone *	County	Yes	
Hood *	Lipan	City	Yes	
Bell	Little River Academy	City	Yes	
McLennan	Lorena	City	Yes	
Falls	Lott	City	Yes	
Falls	Marlin	City	Yes	Yes
Leon *	Marquez	City	Yes	
McLennan	Mart	City	Yes	Yes
McLennan	McGregor	City	Yes	
McLennan	McLennan	County	Yes	Yes
Bosque	Meridian	City	Yes	
Milam	Milam	County	Yes	
Milam	Milano	City	Yes	
Parker *	Millsap	Town	Yes	
Palo Pinto/Parker	Mineral Wells	City	Yes	Yes
Palo Pinto	Mingus	City	Yes	
Fort Bend *	Missouri City	City	Yes	Yes
Fort Bend	Missouri City Management District 2	Management District	Yes	
McLennan	Moody	City	Yes	
Bosque	Morgan	City	Yes	
Bell	Morgan's Point Resort	City	Yes	
Hill *	Mount Calm	Town	Yes	
Grimes *	Navasota	City	Yes	
Bell	Nolanville	City	Yes	
Madison *	Normangee	Town	Yes	
Multiple	North Central Texas Council of Governments	Council of Governments	Yes	
Fort Bend	North Fort Bend County Water Authority & MUD 112	Municipal Utility District	Yes	
Fort Bend	North Mission Glen Municipal Utility District	Municipal Utility District	Yes	
Coryell	Oglesby	City	Yes	
Young *	Olney	City	Yes	
Fort Bend *	Orchard	City	Yes	
Brazoria *	Oyster Creek	City	Yes	
Fort Bend	Palmer Plantation Municipal Utility District 1	Municipal Utility District	Yes	
Palo Pinto	Palo Pinto	County	Yes	Yes
Parker *	Parker *	County	Yes	Yes
Waller *	Pattison	City	Yes	
Brazoria	Pearland Municipal Management District 2	Management District	Yes	
Fort Bend	Pecan Grove Municipal Utility District 1	Municipal Utility District	Yes	
Waller *	Pine Island	Town	Yes	
Fort Bend *	Pleak	Village	Yes	
Brazoria	Port Freeport	Port	Yes	
Waller *	Prairie View	City	Yes	
Brazoria *	Quintana	Town	Yes	
Eastland *	Ranger	City	Yes	
Fort Bend	Renn Road Municipal Utility District & Drainage	Municipal Utility District	Yes	
Fort Bend *	Richmond	City	Yes	
Brazoria *	Richwood	City	Yes	
McLennan	Riesel	City	Yes	
Johnson *	Rio Vista	City	Yes	
Eastland *	Rising Star	Town	Yes	Yes
Robertson	Robertson	County	Yes	
McLennan	Robinson	City	Yes	Yes
Milam	Rockdale	City	Yes	
Bell	Rogers	Town	Yes	
Falls	Rosebud	City	Yes	
Fort Bend *	Rosenberg	City	Yes	
McLennan	Ross	City	Yes	
Williamson/Travis	Round Rock	City	Yes	Yes
Bell	Salado	Town	Yes	Yes

County	Stakeholder Name	Stakeholder Type (City, Town, County?)	Email Contact with Flyer	Personal Contact (phone call or meeting)
Austin	San Felipe	Town	Yes	
Brazoria *	Sandy Point	City	Yes	
Austin	Sealy	City	Yes	
Fort Bend	Sienna Plantation Levee Improvement District	Levee Improvement District	Yes	Yes
Fort Bend	Sienna Plantation Municipal Utility District 13	Municipal Utility District	Yes	
Fort Bend	Sienna Plantation Municipal Utility District 14	Municipal Utility District	Yes	
Fort Bend *	Simonton	City	Yes	
Burleson	Snook	City	Yes	Yes
Somervell	Somervell	County	Yes	
Burleson	Somerville	City	Yes	Yes
Erath	Stephenville	City	Yes	
Palo Pinto	Strawn	City	Yes	
Fort Bend *	Sugar Land	City	Yes	Yes
Brazoria *	Surfside Beach	City	Yes	
Williamson	Taylor	City	Yes	
Freestone	Teague	City	Yes	
Bell	Temple	City	Yes	Yes
Fort Bend *	Thompsons	Town	Yes	Yes
Milam	Thorndale	City	Yes	
Limestone *	Thornton	Town	Yes	
Williamson	Thrall	City	Yes	
Hood *	Tolar	City	Yes	
Bell	Troy	City	Yes	Yes
Williamson	Upper Brushy Creek Water Control & Improvement District	Water Control & Improvement D	Yes	
Bosque	Valley Mills	City	Yes	
Brazoria	Velasco Drainage District	Drainage District	Yes	
Williamson	Vista Oaks & Williamson-Travis Municipal Utility Districts	Municipal Utility District	Yes	
McLennan	Waco	City	Yes	Yes
Waller *	Waller	City	Yes	
Waller *	Waller *	County	Yes	Yes
Waller	Waller County Improvement District 2	Improvement District	Yes	
Waller	Waller County Municipal Utility District 19	Municipal Utility District	Yes	
Bosque	Walnut Springs	City	Yes	
Washington	Washington	County	Yes	
Williamson	Weir	City	Yes	
McLennan	West	City	Yes	Yes
Bastrop	West Bastrop Village Municipal Utility District	Municipal Utility District	Yes	
Multiple	West Central Texas Council of Governments	Council of Governments	Yes	
Brazoria *	West Columbia	City	Yes	
Fort Bend	West Fort Bend County Water Authority	Water Authority	Yes	
Fort Bend	West Harris County Regional Water Authority	Water Authority	Yes	
Fort Bend *	Weston Lakes	City	Yes	
Hill *	Whitney	City	Yes	
Williamson	Williamson	County	Yes	Yes
Williamson	Williamson Municipal Utility District 10	Municipal Utility District	Yes	
Williamson	Williamson Municipal Utility District 11	Municipal Utility District	Yes	
Williamson	Williamson Municipal Utility District 13	Municipal Utility District	Yes	
Williamson	Williamson Municipal Utility District 23	Municipal Utility District	Yes	
Williamson	Williamson Municipal Utility District 25	Municipal Utility District	Yes	
Williamson	Williamson Municipal Utility District 26	Municipal Utility District	Yes	
Williamson	Williamson Municipal Utility District 30	Municipal Utility District	Yes	
Fort Bend	Willow Creek Farms Municipal Utility District	Municipal Utility District	Yes	
Brazos	Wixon Valley	City	Yes	
McLennan	Woodway	City	Yes	

REGION 8 LOWER BRAZOS

Regional Flood Plan - Minor Amendment

Pathway to State Funding for Your Community's Flood Mitigation Needs

Regional Flood Planning Background

The Texas Water Development Board (TWDB) recently adopted the inaugural 2024 State Flood Plan. This plan includes a list of flood mitigation needs which is used by the TWDB and the state legislature to make state funding decisions that address flood risk across the state. The State Flood Plan is a consolidation of 15 separate Regional Flood Plans, and your community is identified as being located within Region 8.

Minor Amendment

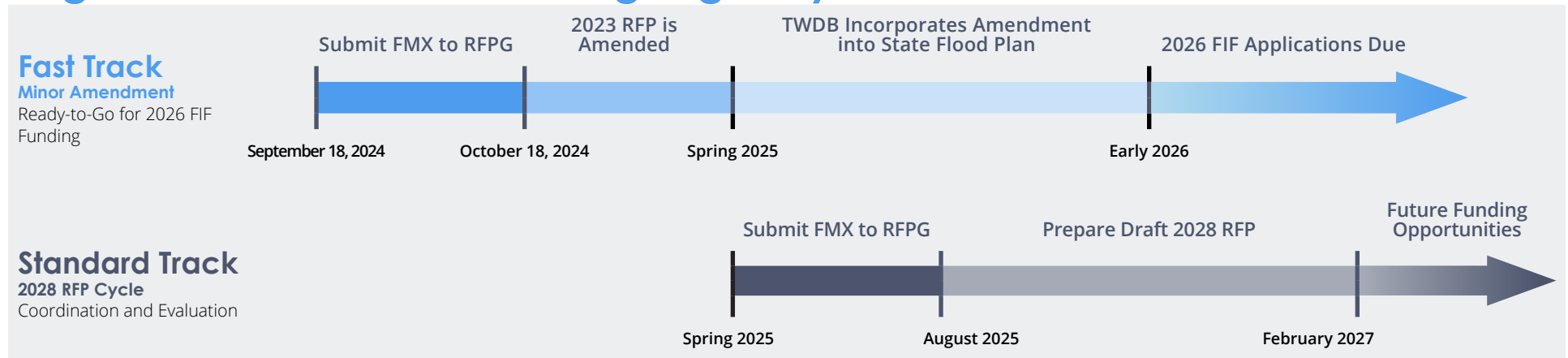
The Region 8 Lower Brazos Regional Flood Planning Group (RFPG) is providing a unique opportunity for Region 8 communities to incorporate their flood mitigation needs into the 2024 State Flood Plan, via a minor amendment.

If your flood mitigation need is not currently listed in the 2024 State Flood Plan, it is not eligible for state funding opportunities. A major state funding vehicle for flood mitigation needs is the Flood Infrastructure Fund (FIF) which

is managed by the TWDB. FIF funding runs on a two-year cycle with the next available application window initiating in 2026. **If your community would like the opportunity to apply for 2026 FIF funding for a flood mitigation need, then it is critical for it to be listed in the 2024 State Flood Plan. This amendment provides an opportunity for your need to be included in the plan.**

This amendment process must be completed by Spring of 2025. Due to the abbreviated timeline, flood mitigation needs must meet specific criteria to be included in the amendment (see next page) and **information on flood mitigation needs must be provided to the RFPG no later than October 18, 2024** (see "Fast Tract" schedule in the timeline below). Please note, the RFPG is simultaneously commencing work on the next regional flood plan, the 2028 Regional Flood Plan (see "Standard Tract" schedule in timeline below). The RFPG requests that only needs that will be submitted to the TWDB for 2026 FIF funding be submitted for inclusion in this minor amendment. All other submittals can wait for inclusion in the 2028 RFP.

Region 8 Path to State Funding Eligibility



Due to the expedited nature of this amendment, the RFPG is only accepting flood mitigation needs that are classified as either a Flood Management Evaluation (FME) or Flood Mitigation Strategy (FMS). Existing Flood Mitigation Projects (FMP) that are already included in the 2024 Plan as non-recommended due to lack of sponsorship approval, may be re-classified as recommended if the community now offers to sponsor this need. The figure below provides information on how a flood mitigation need is classified as either an FME, FMS, or FMP.

FME	FMS	FMP
Flood Management Evaluation	Flood Mitigation Strategy	Flood Mitigation Project
		
FMEs are flood studies and evaluations performed to characterize flood risk, identify potential risk solutions and develop projects into FMPs.	FMSs are big-picture strategies. This category can serve as a “catch-all” for flood management and mitigation efforts that do not align with either FMPs or FMEs.	FMPs are fully developed, constructable, flood mitigation projects.
Potential FMEs Include: • Project Design (up to 30%) • Project Feasibility Study • Watershed Planning Study • Flood Risk Analysis	Potential FMSs Include: • Property Acquisition or Elevation • Drainage Criteria Development • Flood Warning Systems • Outreach and Educational Programs	Potential FMPs Include: • Channel Improvements • Road Crossing Improvements • Detention Projects • Gauge Installation Projects

Should I Submit for an Amendment?

To qualify, a flood mitigation or management need **must meet the following criteria:**

- ✓ Classified as either an FME or FMS
- ✓ Will be submitted to the TWDB for 2026 FIF funding
- ✓ Has the following supporting information immediately available:
 - Detailed Description
 - Service Area
 - Estimated cost to perform the FME or implement the FMS

How to Submit for Amendment

To submit FME or FMS information for consideration under the 2024 Regional Flood Plan amendment, please reach out to the Lower Brazos RFPG Technical Consultant at region8@halff.com or **936.777.6397**. To find out more about the Regional Flood Planning effort visit www.lowerbrazosflood.org.

To get involved in the 2028 Regional Flood Planning Cycle:

- Visit www.lowerbrazosflood.org/Contact-Us to sign up for email updates.
- Attend RFPG meetings in person or online as advertised at www.lowerbrazosflood.org.
- Be on the look out for upcoming data collection efforts and requests.