

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
022000014	2	Cass County NFIP Involvement	Cass County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	574	5.52	2,148	5.98	12	3.73	7	3.48	0	0.00	160	6.14	859	2.41	0	0.00	0	0	0	0.00	0	0.00	No	0	2	29.26	201	29.26	215.00
022000016	2	Delta County NFIP Involvement	Delta County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	121	4.30	85	3.67	2	1.69	8	3.65	0	0.00	42	4.72	14,658	3.33	0	0.00	0	0	0	0.00	0	0.00	No	0	2	23.37	347	23.37	360.00
022000017	2	Fannin County NFIP Involvement	Fannin County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	1,077	6.01	3,040	6.22	18	4.21	26	5.20	0	0.00	170	6.21	37,510	3.64	0	0.00	0	0	0	0.00	0	0.00	No	0	2	33.49	137	33.49	146.00
022000018	2	Franklin County NFIP Involvement	Franklin County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	455	5.34	2,507	6.09	1	1.03	5	3.04	0	0.00	39	4.64	1,573	2.61	0	0.00	0	0	0	0.00	0	0.00	No	0	2	24.75	315	24.75	323.00
022000019	2	Grayson County NFIP Involvement	Grayson County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	2,569	6.69	12,470	7.23	23	4.50	8	3.65	0	0.00	181	6.27	10,335	3.22	0	0.00	0	0	0	0.00	0	0.00	No	0	2	33.57	136	33.57	145.00
022000021	2	Harrison County NFIP Involvement	Harrison County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	898	5.87	2,056	5.94	6	2.93	5	3.04	0	0.00	97	5.61	255	2.02	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.41	243	27.41	260.00
022000022	2	Hopkins County NFIP Involvement	Hopkins County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	702	5.68	5,081	6.59	5	2.72	3	2.39	0	0.00	148	6.06	8,635	3.16	0	0.00	0	0	0	0.00	0	0.00	No	0	2	28.60	217	28.60	234.00
022000024	2	Lamar County NFIP Involvement	Lamar County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	1,644	6.34	5,441	6.64	33	4.92	15	4.48	0	0.00	222	6.49	42,831	3.68	0	0.00	0	0	0	0.00	0	0.00	No	0	2	34.55	112	34.55	127.00
022000025	2	Marion County NFIP Involvement	Marion County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	313	5.04	452	4.86	4	2.46	1	1.16	0	0.00	48	4.86	137	1.82	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.21	390	22.21	393.00
022000026	2	Morris County NFIP Involvement	Morris County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	234	4.82	419	4.81	6	2.93	2	1.90	0	0.00	38	4.61	395	2.16	0	0.00	0	0	0	0.00	0	0.00	No	0	2	23.22	353	23.22	366.00
022000027	2	Red River County NFIP Involvement	Red River County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	391	5.22	374	4.73	5	2.72	16	4.56	0	0.00	157	6.12	24,045	3.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	28.84	212	28.84	229.00
022000028	2	Titus County NFIP Involvement	Titus County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	596	5.55	2,890	6.19	8	3.26	9	3.81	0	0.00	87	5.49	1,570	2.61	0	0.00	0	0	0	0.00	0	0.00	No	0	2	28.91	210	28.91	227.00
022000029	2	Upshur County NFIP Involvement	Upshur County	Application to join NFIP or adoption of equivalent standards	Regulatory and Guidance	\$100,000	\$100,000	425	5.28	2,262	6.01	10	3.52	3	2.39	0	0.00	91	5.54	612	2.30	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.05	259	27.05	271.00
022000031	2	City of Commerce CRS Involvement	City of Commerce	Become an NFIP Community Rating System (CRS) Community	Regulatory and Guidance	\$100,000	\$100,000	79	3.97	1,179	5.55	1	1.03	0	0.00	0	0.00	10	3.19	66	1.59	0	0.00	0	0	0	0.00	0	0.00	No	0	2	17.33	474	17.33	475.00
022000032	2	City of Whitewright CRS Involvement	City of Whitewright	Become an NFIP Community Rating System (CRS) Community	Regulatory and Guidance	\$100,000	\$100,000	17	2.76	299	4.57	1	1.03	0	0.00	0	0.00	1	0.94	6	0.81	0	0.00	0	0	0	0.00	0	0.00	No	0	2	12.12	577	12.12	574.00
022000052	2	City of Sherman Emergency Alerts	City of Sherman	Maintain and Operate Early Alert System - an outdoor warning system composed of nine sirens throughout the City. Public announcements through the reverse telephonic system and through broadcasting local cable channels.	Flood Measurement and Warning	\$250,000	\$250,000	772	5.75	7,004	6.82	5	2.72	2	1.90	0	0.00	39	4.64	381	2.15	0	0.00	0	0	0	0.00	0	0.00	No	0	3	26.48	279	26.48	292.00
022000070	2	Grayson County Flood Warning and Public Safety Improvements	Grayson County	Create an improved gauge notification system. Increase public awareness before occurrences and during flooding.	Flood Measurement and Warning	\$250,000	\$250,000	2,569	6.69	12,470	7.23	23	4.50	8	3.65	0	0.00	181	6.27	10,335	3.22	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.07	123	34.07	138.00
022000071	2	City of Bonham Floodplain Manager	City of Bonham	Establish a floodplain manager for the city to regulate floodplain development and provide public information concerning flood areas.	Regulatory and Guidance	\$75,000	\$75,000	151	4.47	1,898	5.89	3	2.14	16	4.56	0	0.00	8	2.96	91	1.69	0	0.00	0	0	0	0.00	0	0.00	No	0	2	23.70	340	23.70	354.00
022000073	2	Fannin County Floodplain Manager	Fannin County	Apply for assistance in establishing a Certified Countywide Floodplain Manager position. Funding for the continuation of the position would be from permit fees and local budgets. The focus of this role would be to mitigate flooding and protect the flood.	Regulatory and Guidance	\$75,000	\$75,000	1,077	6.01	3,040	6.22	18	4.21	26	5.20	0	0.00	170	6.21	37,510	3.64	0	0.00	0	0	0	0.00	0	0.00	No	0	2	33.49	137	33.49	146.00
022000074	2	City of Sadler Lift Station Flood-Proofing	City of Sadler	Raise electrical panels and connections on lift stations above expected flood levels in flood-prone areas.	Property Acquisition and Structural Elevation	\$100,000	\$100,000	6	1.95	2	1.03	0	0.00	0	0.00	0	0.00	1	0.94	3	0.60	0	0.00	0	0	0	0.00	0	0.00	No	0	1	5.52	689	5.52	677.00
022000076	2	City of Winfield NFIP	Titus County	Participate in NFIP	Regulatory and Guidance	\$50,000	\$50,000	4	1.64	0	0.00	1	1.03	0	0.00	0	0.00	1	0.94	0	0.10	0	0.00	0	0	0	0.00	0	0.00	No	0	2	5.72	686	5.72	674.00
022000079	2	Upshur County NFIP	Upshur County	The County Hazard Mitigation Officer will assist those cities within the county that are not participating in NFIP to take appropriate actions to qualify for and maintain participation in NFIP to have 100% participation within the county	Regulatory and Guidance	\$100,000	\$100,000	425	5.28	2,262	6.01	10	3.52	3	2.39	0	0.00	91	5.54	612	2.30	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.05	259	27.05	271.00
022000080	2	Turn Around/Don't Drown Flood Safety Awareness Education	Ark - Tex Council of Governments	Educate the public on the Turn-Around/Don't Drown program	Education and Outreach	\$100,000	\$100,000	13,438	7.99	51,360	8.24	159	6.77	116	7.17	0	0.00	1,924	8.79	180,986	4.15	0	0.00	0	0	0	0.00	0	0.00	No	0	2	44.60	52	44.60	56.00
022000081	2	City of Denison Flood Safety Awareness Education	City of Denison	Educate the public on flood safety	Education and Outreach	\$50,000	\$50,000	355	5.14	3,266	6.28	2	1.69	2	1.90	0	0.00	29	4.32	107	1.74	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.58	376	22.58	381.00
022000082	2	Public NFIP Education	Ark - Tex Council of Governments	Educate the public on the NFIP program and the importance of purchasing flood insurance	Education and Outreach	\$100,000	\$100,000	13,438	7.99	51,360	8.24	159	6.77	116	7.17	0	0.00	1,924	8.79	180,986	4.15	0	0.00	0	0	0	0.00	0	0.00	No	0	2	44.60	52	44.60	56.00
022000083	2	Creation of Region Wide Stormwater Management Manual	Ark - Tex Council of Governments	Creation of stormwater management manual and assistance to Region 2 communities for adoption.	Regulatory and Guidance	\$500,000	\$500,000	13,438	7.99	51,360	8.24	159	6.77	116	7.17	0	0.00	1,924	8.79	180,986	4.15	0	0.00	0	0	0	0.00	0	0.00	No	0	2	45.10	51	45.10	55.00
022000084	2	Regional Flood Warning System Study	Ark - Tex Council of Governments	Evaluate the potential for future flood warning systems in the region	Flood Measurement and Warning	\$250,000	\$250,000	13,438	7.99	51,360	8.24	159	6.77	116	7.17	0	0.00	1,924	8.79	180,986	4.15	0	0.00	0	0	0	0.00	0	0.00	No	0	3	45.60	46	45.60	49.00

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032000001	3	Lavon Warning System	Lavon	Expand the Early Warning Sirens and Local Warning System to notify new populations of impending severe weather or imminent hazards to reduce the loss of life and mitigate the effects of the hazards	Flood Measurement and Warning	\$25,000	\$250,000	4	1.64	4	1.50	0	0.00	1	1.16	0	0.00	1	0.94	32	1.34	0	0.00	0	0	0	0.00	0	0.00	No	0	3	9.08	629	9.08	623.00
032000002	3	Lindsay Flood Warning and Public Safety Improvements	Lindsay	Citywide "reverse 911" to enable local emergency officials to notify emergency information pertaining to flood advisories, flood warnings, and flood evacuations.	Flood Measurement and Warning	\$25,000	\$250,000	36	3.35	39	3.11	0	0.00	0	0.00	0	0.00	2	1.54	136	1.82	0	0.00	0	0	0	0.00	0	0.00	No	0	3	12.32	574	12.32	571.00
032000003	3	Addition of Low Water Crossing Signs and Gates - City of Irving	Irving	Identify and add low water crossing signs and gates to low water crossing areas as described in The Road to The Future Report.	Flood Measurement and Warning	\$25,000	\$250,000	4,589	7.15	40,893	8.08	31	4.85	29	5.34	0	0.00	84	5.46	1,387	2.57	0	0.00	0	0	0	0.00	0	0.00	No	0	3	35.94	98	35.94	105.00
032000004	3	Richardson Flood Warning and Public Safety Improvements	Richardson	Monitor streams and waterways for potential flooding problems including installation of gauges, sensors, and precipitation measuring sites.	Flood Measurement and Warning	\$25,000	\$250,000	139	4.41	613	5.08	1	1.03	25	5.15	0	0.00	7	2.82	81	1.65	0	0.00	0	0	0	0.00	0	0.00	No	0	3	22.64	372	22.64	378.00
032000005	3	Timber Creek Flood Warning System Installation	Lewisville	Purchase and Install Flood Warning Systems in Key Areas Along Timber Creek	Flood Measurement and Warning	\$25,000	\$250,000	140	4.41	475	4.90	1	1.03	0	0.00	0	0.00	3	1.94	38	1.41	0	0.00	0	0	0	0.00	0	0.00	No	0	3	16.19	505	16.19	508.00
032000006	3	Houston County Stream and Rain Gauge Installation	Houston County	Install stream and rain gauges in flood prone areas and waterways as part of new alert notification system	Flood Measurement and Warning	\$25,000	\$250,000	142	4.43	113	3.87	5	2.72	18	4.72	0	0.00	110	5.74	4,593	2.96	0	0.00	0	0	0	0.00	0	0.00	No	0	3	26.93	262	26.93	274.00
032000007	3	Hunt County Flood Warning and Public Safety	Hunt County	Adopt and Promote the program of "Turn Around Don't Drown Campaign." Implement early warning program.	Flood Measurement and Warning	\$25,000	\$250,000	27	3.13	7	1.89	0	0.00	0	0.00	0	0.00	4	2.23	2,159	2.71	0	0.00	0	0	0	0.00	0	0.00	No	0	3	12.46	572	12.46	567.00
032000008	3	City of Kemp Siren Notification System	Kemp	Install siren notification system for disasters, including dam failure of Kemp Lake Dam	Flood Measurement and Warning	\$25,000	\$250,000	6	1.95	11	2.21	2	1.69	0	0.00	0	0.00	5	2.46	93	1.69	0	0.00	0	0	0	0.00	0	0.00	No	0	3	12.51	571	12.51	566.00
032000009	3	Leon County Local Flood Warning System	Leon County	This action proposes a local flood warning system to reduce the potential impacts of future flood events	Flood Measurement and Warning	\$25,000	\$250,000	77	3.95	50	3.29	6	2.93	5	3.04	0	0.00	100	5.64	5,219	3.00	0	0.00	0	0	0	0.00	0	0.00	No	0	3	24.34	324	24.34	335.00
032000010	3	Rockwall County Warning Signs and Flood Control Gates	Rockwall County	Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control	Flood Measurement and Warning	\$25,000	\$250,000	411	5.26	1,553	5.74	3	2.14	15	4.48	0	0.00	34	4.49	4,485	2.95	0	0.00	0	0	0	0.00	0	0.00	No	0	3	27.56	235	27.56	253.00
032000011	3	Chambers Creek Stream Flow Monitoring System	Everman	Implement a Stream Flow Monitoring system that will allow for historical tracking and constant monitoring of water levels to assist with early warnings to residents	Flood Measurement and Warning	\$25,000	\$250,000	272	4.93	1,006	5.43	4	2.46	8	3.65	0	0.00	6	2.65	86	1.67	0	0.00	0	0	0	0.00	0	0.00	No	0	3	23.30	350	23.30	363.00
032000012	3	Creek Level Monitoring Systems and Weather Stations Installation	Mansfield	Install creek level monitoring systems and weather stations	Flood Measurement and Warning	\$25,000	\$250,000	422	5.28	2,492	6.08	4	2.46	12	4.18	0	0.00	30	4.36	779	2.38	0	0.00	0	0	0	0.00	0	0.00	No	0	3	27.25	248	27.25	264.00
032000013	3	Dalworthington Flood Warning System	Dalworthington Gardens	Purchase and install a technological based high water detection system for low water crossings to mitigate the hazards when the location floods	Flood Measurement and Warning	\$30,000	\$300,000	12	2.49	25	2.80	0	0.00	3	2.39	0	0.00	1	0.94	16	1.13	0	0.00	0	0	0	0.00	0	0.00	No	0	3	12.25	576	12.25	573.00
032000014	3	Colleyville Flood Warning System	Colleyville	Enhance high water warning system by adding automatic gates on the streets that normally flood	Flood Measurement and Warning	\$25,000	\$250,000	156	4.50	735	5.21	2	1.69	4	2.76	0	0.00	5	2.46	132	1.81	0	0.00	0	0	0	0.00	0	0.00	No	0	3	20.93	422	20.93	421.00
032000015	3	Haslet Flood Warning System	Haslet	Install flood warning devices to low water crossing	Flood Measurement and Warning	\$25,000	\$250,000	39	3.41	103	3.81	1	1.03	4	2.76	0	0.00	2	1.54	528	2.26	0	0.00	0	0	0	0.00	0	0.00	No	0	3	17.30	475	17.30	476.00
032000016	3	Additional Rain/Stream Gauges for 13 locations	Grand Prairie	West Fork Trinity River at MacArthur Blvd, Bowman Creek at Mirabella Blvd, Cottonwood Creek at Robinson Road, Johnson Creek at Durcan Perry Road, Foster Branch at Seeton Road, Mountain Creek at county road FM 661, Carrier Parkway underneath I-20, Robinson	Flood Measurement and Warning	\$25,000	\$250,000	442	5.31	3,471	6.32	8	3.26	19	4.79	0	0.00	40	4.67	1,927	2.68	0	0.00	0	0	0	0.00	0	0.00	No	0	3	29.52	197	29.52	207.00
032000017	3	Additional Low Water Crossing Flashing Lights and Automated Gates	Grand Prairie	Duncan Perry Road between Ave K and Sherwood Drive, Riverside Pkwy LWC (lights already in place need gates added), SW 3rd from Phillips Ct to Dickey Road (gates being added in September 2021)	Flood Measurement and Warning	\$25,000	\$250,000	442	5.31	3,471	6.32	8	3.26	19	4.79	0	0.00	40	4.67	1,927	2.68	0	0.00	0	0	0	0.00	0	0.00	No	0	3	29.52	197	29.52	207.00
032000018	3	Grayson County Flood Warning and Public Safety Improvements	Grayson County	Create improved gauge notification system. Increased Public Awareness prior to occurrences and during flooding.	Flood Measurement and Warning	\$25,000	\$250,000	436	5.30	541	4.99	5	2.72	1	1.16	0	0.00	43	4.74	21,311	3.46	0	0.00	0	0	0	0.00	0	0.00	No	0	3	24.87	314	24.87	321.00
032000019	3	Dallas County Floodplain Management	Dallas County	Manage the Floodplain beyond the minimum requirements. This action will include developing an incentive program for building above the required freeboard minimum	Regulatory and Guidance	\$1,000,000	\$1,000,000	22,225	8.38	181,697	9.15	369	7.75	387	8.75	0	0.00	791	7.84	31,558	3.58	0	0.00	0	0	0	0.00	0	0.00	No	0	2	47.46	24	47.46	29.00
032000020	3	Anderson County Structure Permitting Requirement Update	Anderson County	Increase freeboard requirements for permitting structures in the SFHA. Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance to prohibit granting of variance in SFHA	Regulatory and Guidance	\$100,000	\$100,000	667	5.64	1,408	5.67	6	2.93	6	3.28	0	0.00	73	5.31	36,104	3.63	0	0.00	0	0	0	0.00	0	0.00	No	0	2	28.45	221	28.45	235.00

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032000022	3	Flood Protection Ordinance Updates	Corinth, Hickory Creek, Lake Dallas, Little Elm, Shady Shores, The Colony	Develop and Implement a City and Town flood protection ordinance	Regulatory and Guidance	\$100,000	\$100,000	381	5.20	1,062	5.47	22	4.44	2	1.90	0	0.00	31	4.39	1,614	2.62	0	0.00	0	0	0	0.00	0	0.00	No	0	2	26.03	293	26.03	306.00
032000023	3	Hill County Flooding Regulations Update	Hill County	Catalog, evaluate, and update any floodplain regulations within the City to comply with the latest FEMA regulations.	Regulatory and Guidance	\$100,000	\$100,000	127	4.34	109	3.85	0	0.00	1	1.16	0	0.00	24	4.12	24,902	3.51	0	0.00	0	0	0	0.00	0	0.00	No	0	2	18.97	450	18.97	454.00
032000024	3	Freestone County Flood Damage Prevention Ordinance	Freestone County	Develop and Implement a Flood Damage Prevention Ordinance	Regulatory and Guidance	\$100,000	\$100,000	557	5.50	389	4.76	3	2.14	2	1.90	0	0.00	91	5.54	21,753	3.46	0	0.00	0	0	0	0.00	0	0.00	No	0	2	25.29	309	25.29	317.00
032000025	3	Caney City Floodproofing Ordinances	Caney City	Implement ordinances to ensure new housing developments meet current floodproofing, as well as ensure that critical facilities owned by jurisdiction are protected from flood.	Regulatory and Guidance	\$100,000	\$100,000	8	2.17	4	1.50	0	0.00	0	0.00	0	0.00	1	0.94	4	0.68	0	0.00	0	0	0	0.00	0	0.00	No	0	2	7.29	663	7.29	655.00
032000026	3	Leon County Floodplain Construction Restrictions Re-Evaluation	Leon County	This action proposes a re-evaluation of all existing floodplain construction restrictions to identify strengths and weaknesses in order to reduce future damages during flood events	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	6	2.93	5	3.04	0	0.00	100	5.64	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	13.61	551	13.61	553.00
032000027	3	Rockwall County Flood Prevention Ordinance	Rockwall County	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain (strengthen ordinances/codes) to control location of development, especially in low lying flood hazard areas	Regulatory and Guidance	\$100,000	\$100,000	411	5.26	1,553	5.74	3	2.14	15	4.48	0	0.00	34	4.49	4,485	2.95	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.06	258	27.06	270.00
032000028	3	San Jacinto County Ordinance to Control Location of Development	San Jacinto County, Shepherd, Goldspring, Point Blank	Increase freeboard requirements for permitting structures in the SFHA; Update local flood ordinance to prohibit granting of variance in SFHA	Regulatory and Guidance	\$100,000	\$100,000	270	4.93	875	5.33	4	2.46	0	0.00	0	0.00	7	2.82	74	1.62	0	0.00	0	0	0	0.00	0	0.00	No	0	2	19.16	445	19.16	449.00
032000029	3	Montague County Floodplain Policy Update	Montague County	Review and enhance the Town of Westlake's floodplain mitigation ordinances and policies as needed	Regulatory and Guidance	\$100,000	\$100,000	17	2.76	114	3.88	0	0.00	3	2.39	0	0.00	2	1.54	236	2.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	14.57	538	14.57	539.00
032000030	3	Wills Point Structure Permitting Requirement Update	Wills Point	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance	Regulatory and Guidance	\$100,000	\$100,000	25	3.06	91	3.72	1	1.03	0	0.00	0	0.00	1	0.94	24	1.26	0	0.00	0	0	0	0.00	0	0.00	No	0	2	12.01	579	12.01	576.00
032000033	3	Valley View Floodplain Regulation Updates	Valley View	Update local ordinances to include regulation of floodplain so that the community may participate in NFIP program.	Regulatory and Guidance	\$100,000	\$100,000	7	2.07	5	1.65	0	0.00	2	1.90	0	0.00	1	0.94	92	1.69	0	0.00	0	0	0	0.00	0	0.00	No	0	2	10.25	610	10.25	609.00
032000034	3	Construction Along Low Lying Areas	Sachse	Establish city parks along low-lying areas	Other	\$100,000	\$1,000,000	71	3.88	240	4.41	0	0.00	6	3.28	0	0.00	4	2.23	254	2.02	0	0.00	0	0	0	0.00	100	7.50	No	0	1	23.82	338	23.82	352.00
032000035	3	Carrollton Targeted Flood Remediation	Carrollton	Plan for and establish City-owned stand-by contracts for targeted flood remediation of private homes if authorized by City Administration.	Regulatory and Guidance	\$500,000	\$5,000,000	1,068	6.01	15,723	7.40	18	4.21	19	4.79	0	0.00	48	4.86	617	2.31	0	0.00	0	0	0	0.00	0	0.00	No	0	2	31.57	161	31.57	172.00
032000036	3	Sunnyvale Floodplain Preservation Program	Sunnyvale	Restrict future development in high risk areas.	Regulatory and Guidance	\$100,000	\$100,000	54	3.67	164	4.14	0	0.00	2	1.90	0	0.00	6	2.65	1,002	2.46	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.82	488	16.82	489.00
032000037	3	Itasca Zoning Regulations and Land Use Planning Mechanisms	Itasca	Establish zoning regulations to prohibit residential construction in flood prone areas. Implement strategic land-use planning mechanisms to ensure flood-resistant development occurs in flood-prone areas	Regulatory and Guidance	\$100,000	\$100,000	4	1.64	2	1.03	0	0.00	0	0.00	0	0.00	0	0.00	26	1.28	0	0.00	0	0	0	0.00	0	0.00	No	0	2	5.95	684	5.95	672.00
032000038	3	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	Kaufman County	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas	Regulatory and Guidance	\$100,000	\$100,000	2,086	6.53	4,193	6.45	13	3.83	16	4.56	0	0.00	148	6.06	88,118	3.92	0	0.00	0	0	0	0.00	100	7.50	No	0	2	40.85	69	40.85	76.00
032000039	3	Tarrant County Promotion of Open Space and LID	North Central Texas Council of Govt	Promote the inclusion of low impact development requirements in local and regional ordinances	Regulatory and Guidance	\$500,000	\$500,000	14,853	8.07	78,224	8.54	163	6.79	530	9.16	0	0.00	468	7.28	20,063	3.44	0	0.00	0	0	0	0.00	100	7.50	No	0	2	52.79	14	52.79	17.00
032000041	3	Dallas County Land Use Program	Richardson	Continue to develop and maintain special use parks and green belt areas as flooding mitigation strategies & further prohibiting development in the floodplain.	Regulatory and Guidance	\$100,000	\$100,000	139	4.41	613	5.08	1	1.03	25	5.15	0	0.00	7	2.82	81	1.65	0	0.00	0	0	0	0.00	100	7.50	No	0	2	29.64	196	29.64	205.00
032000042	3	Houston County Maintenance Program	Houston County	Develop a maintenance program to clear debris from bridges, box culverts, and drainage systems throughout. Implement program to clear debris from flood-prone areas, bridges, drains and culverts to prevent overtopping and backup during flash floods	Other	\$100,000	\$100,000	0	0.00	0	0.00	5	2.72	18	4.72	0	0.00	110	5.74	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	13.67	549	13.67	552.00
032000043	3	Kaufman County Agreement to Monitor High Hazard Dams	Kaufman County, Terrell, Kemp, Kaufman	Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor High hazard dams with automated monitor to minimize potential dam failure of the structure	Other	\$300,000	\$300,000	2,086	6.53	4,193	6.45	13	3.83	16	4.56	0	0.00	148	6.06	88,118	3.92	0	0.00	0	0	0	0.00	0	0.00	No	0	1	31.85	158	31.85	169.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
032000044	3	Rowlett Creek Tributary Maintenance Program	Sachee	Develop a maintenance program including routine channel maintenance and erosion control for Rowlett Creek Tributary (Stream 2013). Keep creek and vleets clear of debris and overgrown vegetation.	Other	\$250,000	\$250,000	1,005	5.96	7,586	6.88	10	3.52	39	5.73	0	0.00	30	4.36	627	2.31	0	0.00	0	0	0	0.00	0	0.00	No	0	1	29.26	202	29.26	216.00
032000045	3	Addison-Carrollton Debris Cleaning Program	Addison, Carrollton	Develop and implement a program for clearing debris from bridges, drains and culverts.	Other	\$100,000	\$100,000	1,081	6.02	16,581	7.44	18	4.21	19	4.79	0	0.00	49	4.88	617	2.31	0	0.00	0	0	0	0.00	0	0.00	No	0	1	30.14	183	30.14	197.00
032000046	3	Navarro County Waterways Clearing	Corisicana	Develop a maintenance program to clear waterways of debris and prevent further collection of debris in waterways	Other	\$75,000	\$75,000	487	5.39	1,647	5.79	6	2.93	33	5.51	0	0.00	27	4.25	797	2.39	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.75	266	26.75	279.00
032000047	3	Weatherford Biannual Dam Inspection Program	Weatherford	Create and implement a biannual inspection program to inspect the city-owned dams to help prevent dam failure	Other	\$50,000	\$50,000	520	5.44	2,170	5.98	5	2.72	6	3.28	0	0.00	18	3.82	759	2.37	0	0.00	0	0	0	0.00	0	0.00	No	0	1	24.11	327	24.11	338.00
032000048	3	Richland Hills Semi-Annual Levee Inspections	Richland Hills	Prepare an inspection program of the levee to look for any maintenance problems or levee failure issues	Other	\$50,000	\$50,000	404	5.24	1,882	5.88	2	1.69	15	4.48	0	0.00	7	2.82	4	0.64	0	0.00	0	0	0	0.00	0	0.00	No	0	1	21.25	416	21.25	417.00
032000050	3	Hazard Hardening Retrofit for Polk County Facilities	Polk County, Corrigan, Goodrich, Livingston, Onalaska, Seven Oaks	Flood-proofing, impact resistant windows, storm shutter, roof strap, structural bracing, low-flow plumbing fixture, roll-up door reinforcement, grounding system, surge-protection, data back-up systems, plumbing reinforcement and insulation, heat resistant	Other	\$3,000,000	\$30,000,000	1,797	6.41	2,681	6.13	31	4.85	3	2.39	0	0.00	95	5.59	13,977	3.32	0	0.00	0	0	0	0.00	0	0.00	No	0	1	29.19	203	28.69	232.00
032000051	3	Acquire and Protect Red Oak Creek, Bentle Branch Creek, and Balcones Escarpment	Cedar Hill	Acquire areas in the floodplain and protect environmentally sensitive areas and convert them into open space land	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	315	5.05	3,969	6.41	3	2.14	1	1.16	0	0.00	17	3.76	216	1.97	0	0.00	0	0	0	0.00	100	7.50	No	0	1	28.98	208	28.98	225.00
032000052	3	Ten Mile Creek Comprehensive Loss Reduction Program	Lancaster	Develop a comprehensive loss reduction program, involving buy outs and relocation in areas along Ten Mile Creek to reduce losses and repetitive damages. Buyout structures that are in the floodplain. Land Acquisition for repetitive loss structures	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	316	5.05	3,800	6.38	3	2.14	14	4.39	0	0.00	13	3.47	562	2.28	0	0.00	0	0	0	0.00	0	0.00	No	0	1	24.70	321	24.70	327.00
032000053	3	Midway Property Acquisition and Elevation Program	Midway	Acquire existing homes located in the identified special flood hazard area (the 100-year floodplain).	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	2	1.13	6	1.78	1	1.03	0	0.00	0	0.00	0	0.00	42	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	6.38	679	6.38	668.00
032000054	3	Montague County Property Acquisition and Land Preservation Program	Montague County	Acquire and preserve open space adjacent to floodplain areas.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	0	0.00	0	0.00	0	0.00	3	2.39	0	0.00	57	5.04	0	0.00	0	0.00	0	0	0	0.00	100	7.50	No	0	1	15.93	512	15.93	514.00
032000055	3	Montague County Sewage Treatment Plants and Sewage Lift Stations Flood-Proofing Program	Montague County	Flood-proof sewage treatment plants in flood hazard / low-lying areas within Region 3. Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE)	Other	\$50,000	\$500,000	0	0.00	0	0.00	0	0.00	3	2.39	0	0.00	57	5.04	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	7.93	653	7.43	652.00
032000056	3	San Jacinto County Voluntary Property Acquisition & Elevation Program	Shepherd, San Jacinto County	Pursue voluntary acquisition projects for flood prone properties. Elevate homes in low lying or flood prone areas.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	139	4.41	702	5.18	3	2.14	0	0.00	0	0.00	6	2.65	55	1.52	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.90	486	16.90	487.00
032000057	3	Johnson County Acquisition of Flood Prone Structures	Johnson County	Acquire, relocate, and/or elevate flood prone structures	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	1,851	6.44	4,897	6.56	12	3.73	372	8.70	0	0.00	62	5.13	18,202	3.40	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.97	106	34.97	120.00
032000058	3	Acquisition of Repetitive Loss Properties in the Deep River Plantation Subdivision	Walker County	Acquire repetitive flood loss properties and properties prone to flooding in the Deep River Plantation Subdivision	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	1,654	6.35	4,303	6.47	11	3.63	5	3.04	0	0.00	59	5.08	28,692	3.55	0	0.00	0	0	0	0.00	0	0.00	No	0	1	29.13	204	29.13	217.00
032000059	3	Anderson County Floodplain Acquisition and Preservation Program	Anderson County	Acquire and preserve open spaces adjacent to floodplain areas.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	667	5.64	1,408	5.67	6	2.93	6	3.28	0	0.00	73	5.31	36,104	3.63	0	0.00	0	0	0	0.00	100	7.50	No	0	1	34.95	108	34.95	121.00
032000060	3	Collin County Property and Structures Buyout Program	Collin County	Develop and implement a buyout program for personal properties and structures located in the floodplain	Regulatory and Guidance	\$500,000	\$5,000,000	2,842	6.77	17,576	7.48	26	4.64	55	6.18	0	0.00	146	6.04	34,154	3.61	0	0.00	0	0	0	0.00	0	0.00	No	0	2	36.73	94	36.73	95.00
032000061	3	Cooke County Acquisition of Repetitive Loss and Damaged Properties	Cooke County	Purchase and removal of damaged homes that are located in the floodplain. Buyout of repetitive flood loss properties in the Wilson Court area.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	1,328	6.18	2,077	5.95	6	2.93	32	5.47	0	0.00	81	5.42	40,879	3.67	30	4.16	30	2	90	4.65	0	0.00	No	0	1	41.82	65	41.60	70.00
032000062	3	Dallas County Acquisition of Flood-Prone and Repetitive Loss Properties	Dallas County	Acquisition / demolition of 46 flood-prone and repetitive loss properties.	Property Acquisition and Structural Elevation	\$5,000,000	\$50,000,000	22,225	8.38	181,697	9.15	369	7.75	387	8.75	0	0.00	791	7.84	31,558	3.58	46	4.59	39	3	117	4.89	0	0.00	No	0	1	58.50	2	58.26	6.00
032000063	3	Grayson County Buyout of Repetitive Flood Properties	Grayson County	Buyout of repetitive flood properties, which includes any structures found to be located in flood areas that aren't incorporated in NFIP areas.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	436	5.30	541	4.99	5	2.72	1	1.16	0	0.00	43	4.74	21,311	3.46	0	0.00	0	0	0	0.00	0	0.00	No	0	1	23.37	348	23.37	361.00
032000064	3	Terrell Property Acquisition Program	Terrell	Acquire high risk and repetitive flood-prone structures	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	156	4.50	836	5.30	6	2.93	6	3.28	0	0.00	23	4.08	1,655	2.63	0	0.00	0	0	0	0.00	0	0.00	No	0	1	23.71	339	23.71	353.00
032000065	3	Leon County Property Acquisition Program	Leon County	Acquire any repetitive loss structures located below the high hazard dams and homes located in the floodplain.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	428	5.29	636	5.11	6	2.93	5	3.04	0	0.00	100	5.64	54,926	3.76	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.77	265	26.77	278.00

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03200066	3	City of Fate Floodplain Acquisition and Preservation Program	Fate	Acquire, reuse, and preserve open spaces adjacent to floodplain areas to reduce the impacts of flooding	Property Acquisition and Structural Elevation	\$500,000	\$500,000	13	2.55	51	3.30	2	1.69	2	1.90	0	0.00	2	1.54	231	1.99	0	0.00	0	0	0	0.00	100	7.50	No	0	1	21.48	411	21.48	412.00
03200067	3	City of Kennedale Property Acquisition Program - Village Creek	Kennedale	Acquire all private property located within the Village Creek 100-year floodplain in the City of Kennedale	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	167	4.55	2,438	6.07	4	2.46	12	4.18	0	0.00	4	2.23	146	1.84	0	0.00	0	0	0	0.00	0	0.00	No	0	1	22.33	384	22.33	389.00
03200068	3	City of Mansfield Property Acquisition Program	Mansfield	Acquire properties at risk of flooding and permanently remove them from special flood hazard areas.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	422	5.28	2,492	6.08	163	6.79	530	9.16	0	0.00	30	4.36	778	2.38	0	0.00	0	0	0	0.00	0	0.00	No	0	1	35.06	105	35.06	119.00
03200069	3	Tarrant County Property Acquisition Program	Tarrant County	Create a Buyout Program for Repetitive Loss Properties	Regulatory and Guidance	\$500,000	\$5,000,000	14,853	8.07	78,224	8.54	11	3.63	5	3.04	0	0.00	468	7.28	20,063	3.44	0	0.00	0	0	0	0.00	0	0.00	No	0	2	36.01	97	36.01	99.00
03200070	3	Walker County Voluntary Buyout Program	Walker County, New Waverly, Riverside	The county and partnering jurisdictions will begin a voluntary buyout program for insured severe repetitive loss properties that are in the floodplain	Regulatory and Guidance	\$500,000	\$5,000,000	100	4.15	70	3.53	11	3.63	16	4.56	0	0.00	59	5.08	24,889	3.51	0	0.00	0	0	0	0.00	0	0.00	No	0	2	26.46	280	26.46	293.00
03200071	3	Wise County Repetitive Flood Loss Buyout Program	Wise County	Develop a buyout program for repetitive flood loss areas within the county	Regulatory and Guidance	\$500,000	\$5,000,000	1,118	6.04	1,558	5.75	2	1.69	0	0.00	0	0.00	100	5.64	35,896	3.62	0	0.00	0	0	0	0.00	0	0.00	No	0	2	24.75	316	24.75	324.00
03200072	3	City of Chico Property Acquisition Program	Chico	City will acquire property and structures in the flood zone along Dry Creek and its tributaries and remove structures to prevent loss of life and property during flooding events.	Property Acquisition and Structural Elevation	\$500,000	\$5,000,000	0	0.00	0	0.00	1	1.03	17	4.64	0	0.00	2	1.54	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	8.21	650	8.21	642.00
03200073	3	Town Creek Warren Park Extension (Property Acquisition Program)	Burleson	Create a buyout program	Regulatory and Guidance	\$500,000	\$5,000,000	269	4.93	1,305	5.62	3	2.14	10	3.94	0	0.00	18	3.82	1,046	2.48	0	0.00	0	0	0	0.00	0	0.00	No	0	2	24.92	313	24.92	320.00
03200074	3	City of Hurst Buyout Program	Hurst	107 total structures across the Lorean, Valley View, and Walker watersheds	Property Acquisition and Structural Elevation	\$2,500,000	\$25,000,000	287	4.98	1,276	5.60	6	2.93	6	3.28	0	0.00	9	3.08	18	1.16	107	5.45	0	0	0	0.00	0	0.00	No	0	1	27.47	238	27.47	256.00
03200075	3	Anderson County Flood Education Program	Anderson County	Coordinate and implement a natural hazards public awareness campaign. Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Education and Outreach	\$50,000	\$50,000	667	5.64	1,408	5.67	0	0.00	0	0.00	0	0.00	73	5.31	36,104	3.63	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.74	403	21.74	405.00
03200077	3	Cooke County Flood Education and Flood Insurance Public Awareness Program	Cooke County	Educate the public on the importance of Flood Insurance. "Turn Around Don't Drown" campaign.	Education and Outreach	\$50,000	\$50,000	1,328	6.18	2,077	5.95	7	3.10	17	4.64	0	0.00	81	5.42	40,879	3.67	0	0.00	0	0	0	0.00	0	0.00	No	0	2	30.46	179	30.46	188.00
03200078	3	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	Glenn Heights, Seagoville, Wilmer	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Education and Outreach	\$50,000	\$50,000	440	5.31	1,610	5.77	0	0.00	0	0.00	0	0.00	18	3.82	2,059	2.70	0	0.00	0	0	0	0.00	0	0.00	No	0	2	19.10	446	19.10	450.00
03200079	3	Krum "Turn Around, Don't Drown" Campaign	Krum	Implement "Turn Around, Don't Drown" campaign.	Education and Outreach	\$50,000	\$50,000	31	3.23	72	3.55	0	0.00	0	0.00	0	0.00	2	1.54	127	1.79	0	0.00	0	0	0	0.00	0	0.00	No	0	2	11.61	586	11.61	583.00
03200080	3	Fannin County Flood Safety Education	Fannin County	Educate residents on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Education and Outreach	\$50,000	\$50,000	139	4.41	93	3.73	0	0.00	0	0.00	0	0.00	4	2.23	1,783	2.65	0	0.00	0	0	0	0.00	0	0.00	No	0	2	14.52	539	14.52	540.00
03200081	3	Fannin County Flood Insurance Education	Fannin County	Develop and distribute information about the availability and need for flood insurance. Public awareness of NFIP.	Education and Outreach	\$50,000	\$50,000	139	4.41	93	3.73	5	2.72	1	1.16	0	0.00	4	2.23	1,783	2.65	0	0.00	0	0	0	0.00	0	0.00	No	0	2	18.40	459	18.40	460.00
03200082	3	Grayson County Flood Insurance and Flood Safety Education Program	Grayson County	Educate residents on NFIP program and importance of purchasing flood insurance. Turn Around Don't Drown Campaign. Educate property owners near high hazard dams of potential dam failure. Better inform residents of mitigation activities to implement in h	Education and Outreach	\$50,000	\$50,000	436	5.30	541	4.99	5	2.72	1	1.16	0	0.00	43	4.74	21,311	3.46	0	0.00	0	0	0	0.00	0	0.00	No	0	2	23.87	335	23.87	349.00
03200084	3	Hill County Flooding Education and Outreach Program	Hill County	Develop a coordinated education, outreach, and training program to inform and educate the public about the dangers of flooding and how to prevent flood damages to property.	Education and Outreach	\$50,000	\$50,000	127	4.34	109	3.85	5	2.72	18	4.72	0	0.00	24	4.12	24,902	3.51	0	0.00	0	0	0	0.00	0	0.00	No	0	2	24.74	317	24.74	325.00
03200085	3	Houston County Flood Insurance and Dam Education Program	Houston County	Develop and implement NFIP public education program for residents affected by high flood risk areas. Educate the Public on mitigation activities that can help protect their properties in the event of structural failures and extreme flooding.	Education and Outreach	\$50,000	\$50,000	0	0.00	0	0.00	5	2.72	18	4.72	0	0.00	110	5.74	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	14.67	532	14.67	535.00
03200087	3	Jack County Flood Education	Jack County	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents	Education and Outreach	\$50,000	\$50,000	116	4.27	117	3.90	13	3.83	16	4.56	0	0.00	55	5.00	5,106	2.99	0	0.00	0	0	0	0.00	0	0.00	No	0	2	26.05	290	26.05	305.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
03200088	3	Kaufman County Flood Education Program	Kaufman County	Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.	Education and Outreach	\$50,000	\$50,000	2,086	6.53	4,193	6.45	0	0.00	3	2.39	0	0.00	148	6.06	88,118	3.92	0	0.00	0	0.00	0	0.00	No	0	2	26.85	264	26.85	277.00		
03200089	3	Montague County Flood Education	Montague County	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	Education and Outreach	\$50,000	\$50,000	0	0.00	0	0.00	18	4.21	22	4.98	0	0.00	57	5.04	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	15.73	519	15.73	521.00		
03200090	3	Parker County Flood and Dam Education	Weatherford, Hudson Oaks, Aledo, Parker County	Create and implement a community-wide educational campaign to educate residents about the NFIP and dam safety.	Education and Outreach	\$50,000	\$50,000	1,953	6.48	6,748	6.79	7	3.10	0	0.00	0	0.00	61	5.11	25,501	3.51	0	0.00	0	0.00	0	0.00	No	0	2	26.51	278	26.51	291.00		
03200091	3	Livingston Flood Damage Mitigation Educational Program	Livingston	Establish an educational program to teach citizens how to mitigate flood damage to their property.	Education and Outreach	\$60,000	\$60,000	140	4.41	233	4.39	0	0.00	0	0.00	0	0.00	12	3.39	133	1.81	0	0.00	0	0.00	0	0.00	No	0	2	15.50	524	15.50	526.00		
03200092	3	Tarrant County Flood Education	River Oaks	Provide flood risk and mitigation risk mapping materials for property owners in floodplains. Include mitigation techniques.	Education and Outreach	\$65,000	\$65,000	8	2.17	10	2.14	163	6.79	530	9.16	0	0.00	0	0.00	0	0.15	0	0.00	0	0.00	0	0.00	No	0	2	21.93	399	21.93	400.00		
03200093	3	Tarrant County Flood Education Program	Tarrant County	Conduct NFIP community workshops to provide information and incentives for property owners to acquire flood insurance.	Education and Outreach	\$50,000	\$50,000	14,853	8.07	78,224	8.54	1	1.03	2	1.90	0	0.00	468	7.28	20,063	3.44	0	0.00	0	0.00	0	0.00	No	0	2	31.77	160	31.77	171.00		
03200094	3	Van Zandt County Flood Safety Improvements and Education	Van Zandt County	Educate community on the dangers of low water crossings.	Education and Outreach	\$50,000	\$50,000	506	5.42	461	4.88	11	3.63	5	3.04	0	0.00	37	4.58	18,021	3.40	0	0.00	0	0.00	0	0.00	No	0	2	26.45	281	26.45	294.00		
03200095	3	Walker County Floodplain Regulatory Awareness Public Information Campaign	Walker County	Rewrite, improve, and implement new local floodplain regulations, to include a public information campaign on regulatory awareness.	Education and Outreach	\$50,000	\$50,000	19	2.85	23	2.74	2	1.69	0	0.00	0	0.00	59	5.08	24,328	3.50	0	0.00	0	0.00	0	0.00	No	0	2	17.36	472	17.36	473.00		
03200096	3	City of Chico NFIP Education Program	Chico	Distribute information to downstream property owners educating homeowners about the National Flood Insurance Program.	Education and Outreach	\$50,000	\$50,000	0	0.00	0	0.00	369	7.75	387	8.75	0	0.00	2	1.54	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	19.54	442	19.54	445.00		
03200097	3	Dallas County Open Space System Program and Dallas Trails Program	Dallas County	Adopt and implement Dallas County Open Space System Program and Dallas Trails Program.	Other	\$500,000	\$5,000,000	22,225	8.38	181,697	9.15	18	4.21	22	4.98	0	0.00	791	7.84	31,558	3.58	0	0.00	0	0.00	100	7.50	No	0	1	46.14	38	46.14	44.00		
03200098	3	Parker County Nature-Based Practices for Flood Control	Parker County, Hudson Oaks	Implement the use of green infrastructure	Other	\$175,000	\$500,000	1,953	6.48	6,748	6.79	0	0.00	1	1.16	0	0.00	61	5.11	25,501	3.51	0	0.00	0	0.00	100	7.50	No	0	1	31.06	171	31.06	179.00		
03200099	3	Krugerville waterways stabilization program	Krugerville	Develop waterways stabilization program	Other	\$297,500	\$850,000	28	3.15	89	3.70	3	2.14	11	4.07	0	0.00	2	1.54	28	1.31	0	0.00	0	0.00	0	0.00	No	0	1	16.41	502	16.41	503.00		
03200100	3	City of Euless Stream Bank Protection Program	Euless	Develop a plan to reduce stream bank erosion impacts due to flooding along specific creeks.	Other	\$250,000	\$250,000	191	4.66	3,321	6.29	18	4.21	7	3.48	0	0.00	7	2.82	71	1.61	0	0.00	0	0.00	0	0.00	No	0	1	23.55	343	23.55	357.00		
03200101	3	Lewisville Storm Water Utility Fee	Lewisville	Conduct a study to evaluate the implementation of levying a storm water fee for developers to fund developments to the storm water drainage systems	Regulatory and Guidance	\$200,000	\$200,000	314	5.05	3,793	6.38	0	0.00	0	0.00	0	0.00	32	4.43	869	2.42	0	0.00	0	0.00	0	0.00	No	0	2	20.28	431	20.28	433.00		
03200102	3	City of Retreat NFIP Floodplain Ordinance	Retreat	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	10	2.35	11	2.21	1	1.03	1	1.16	0	0.00	0	0.00	208	1.96	0	0.00	0	0.00	0	0.00	No	0	2	10.71	601	10.71	599.00		
03200103	3	City of Streetman NFIP Floodplain Ordinance	Streetman	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	4	1.64	3	1.30	0	0.00	0	0.00	0	0.00	3	1.94	51	1.50	0	0.00	0	0.00	0	0.00	No	0	2	8.37	645	8.37	638.00		
03200104	3	City of Alma NFIP Floodplain Ordinance	Alma	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	6	1.95	14	2.38	0	0.00	0	0.00	0	0.00	2	1.54	363	2.14	0	0.00	0	0.00	0	0.00	No	0	2	10.01	615	10.01	613.00		
03200105	3	City of Alvord NFIP Floodplain Ordinance	Alvord	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	1.54	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	3.54	708	3.54	693.00		
03200106	3	City of Angus NFIP Floodplain Ordinance	Angus	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	13	2.55	15	2.43	0	0.00	0	0.00	0	0.00	2	1.54	94	1.70	0	0.00	0	0.00	0	0.00	No	0	2	10.22	611	10.22	610.00		
03200107	3	City of Bedias NFIP Floodplain Ordinance	Bedias	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	5	1.81	3	1.30	0	0.00	0	0.00	0	0.00	0	0.00	20	1.19	0	0.00	0	0.00	0	0.00	No	0	2	6.30	681	6.30	670.00		
03200108	3	City of Bynum NFIP Floodplain Ordinance	Bynum	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.17	0	0.00	0	0.00	0	0.00	No	0	2	2.17	732	2.17	715.00		
03200109	3	Carl's Corner NFIP Floodplain Ordinance	Carl's Corner	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	7	2.07	17	2.52	0	0.00	0	0.00	0	0.00	0	0.00	28	1.31	0	0.00	0	0.00	0	0.00	No	0	2	7.90	654	7.90	645.00		
03200110	3	City of Combine NFIP Floodplain Ordinance	Combine	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	202	4.70	514	4.95	0	0.00	2	1.90	0	0.00	3	1.94	701	2.35	0	0.00	0	0.00	0	0.00	No	0	2	17.84	466	17.84	469.00		
03200111	3	Coyote Flats NFIP Floodplain Ordinance	Coyote Flats	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	7	2.07	16	2.48	0	0.00	0	0.00	0	0.00	0	0.00	16	1.12	0	0.00	0	0.00	0	0.00	No	0	2	7.67	658	7.67	649.00		
03200112	3	City of Dorchester NFIP Floodplain Ordinance	Dorchester	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	32	1.34	0	0.00	0	0.00	0	0.00	No	0	2	3.34	712	3.34	697.00		
03200113	3	Draper NFIP Floodplain Ordinance	Draper	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	2.00	741	2.00	723.00		
03200114	3	City of Emhouse NFIP Floodplain Ordinance	Emhouse	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	3	1.42	2	1.03	0	0.00	0	0.00	0	0.00	0	0.00	10	0.97	0	0.00	0	0.00	0	0.00	No	0	2	5.43	690	5.43	678.00		

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032000115	3	City of Eureka NFIP Floodplain Ordinance	Eureka	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	2	1.13	3	1.30	0	0.00	2	1.90	0	0.00	2	1.54	90	1.68	0	0.00	0	0	0	0.00	0	0.00	No	0	2	9.55	621	9.55	618.00
032000116	3	City of Goodlow NFIP Floodplain Ordinance	Goodlow	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	12	2.49	11	2.21	0	0.00	0	0.00	0	0.00	0	0.00	92	1.69	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.39	644	8.39	637.00
032000117	3	Grays Prairie NFIP Floodplain Ordinance	Grays Prairie	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	18	2.81	18	2.56	0	0.00	0	0.00	0	0.00	0	0.00	76	1.63	0	0.00	0	0	0	0.00	0	0.00	No	0	2	9.00	631	9.00	625.00
032000118	3	City of Hebron NFIP Floodplain Ordinance	Hebron	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.07	737	2.07	719.00
032000119	3	City of Iola NFIP Floodplain Ordinance	Iola	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	6	1.95	2	1.03	0	0.00	0	0.00	0	0.00	0	0.00	21	1.21	0	0.00	0	0	0	0.00	0	0.00	No	0	2	6.20	682	6.20	671.00
032000120	3	City of Kirvin NFIP Floodplain Ordinance	Kirvin	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.25	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.25	729	2.25	713.00
032000121	3	City of Latewo NFIP Floodplain Ordinance	Latewo	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.00	741	2.00	723.00
032000122	3	City of Leona NFIP Floodplain Ordinance	Leona	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	9	2.27	3	1.30	1	1.03	0	0.00	0	0.00	0	0.00	100	1.72	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.32	648	8.32	640.00
032000123	3	City of Midway NFIP Floodplain Ordinance	Midway	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	2	1.13	6	1.78	0	0.00	0	0.00	0	0.00	0	0.00	42	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	2	6.35	680	6.35	669.00
032000124	3	City of Mustang NFIP Floodplain Ordinance	Mustang	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	0.78	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.78	719	2.78	704.00
032000125	3	City of Nevada NFIP Floodplain Ordinance	Nevada	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	4	1.64	7	1.89	0	0.00	0	0.00	0	0.00	0	0.00	32	1.35	0	0.00	0	0	0	0.00	0	0.00	No	0	2	6.88	671	6.88	662.00
032000126	3	Oak Grove NFIP Floodplain Ordinance	Oak Grove	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	3	1.42	1	0.63	0	0.00	0	0.00	0	0.00	0	0.00	66	1.58	0	0.00	0	0	0	0.00	0	0.00	No	0	2	5.64	688	5.64	676.00
032000127	3	Oak Valley NFIP Floodplain Ordinance	Oak Valley	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	11	2.42	25	2.80	0	0.00	0	0.00	0	0.00	1	0.94	71	1.61	0	0.00	0	0	0	0.00	0	0.00	No	0	2	9.76	617	9.76	614.00
032000128	3	City of Penelope NFIP Floodplain Ordinance	Penelope	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	105	1.73	0	0.00	0	0	0	0.00	0	0.00	No	0	2	3.73	707	3.73	692.00
032000129	3	Post Oak Bend NFIP Floodplain Ordinance	Post Oak Bend	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	6	1.95	4	1.50	1	1.03	0	0.00	0	0.00	1	0.94	58	1.54	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.96	634	8.96	628.00
032000130	3	Providence Village NFIP Floodplain Ordinance	Providence Village	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	35	3.33	184	4.22	0	0.00	2	1.90	0	0.00	1	0.94	30	1.33	0	0.00	0	0	0	0.00	0	0.00	No	0	2	13.71	548	13.71	551.00
032000131	3	Town of Road Runner NFIP Floodplain Ordinance	Road Runner	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	87	4.04	52	3.32	0	0.00	0	0.00	0	0.00	0	0.00	17	1.15	0	0.00	0	0	0	0.00	0	0.00	No	0	2	10.50	604	10.50	602.00
032000132	3	City of Rosser NFIP Floodplain Ordinance	Rosser	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	35	3.33	46	3.23	0	0.00	0	0.00	0	0.00	1	0.94	170	1.89	0	0.00	0	0	0	0.00	0	0.00	No	0	2	11.39	595	11.39	592.00
032000133	3	City of Tehuacana NFIP Floodplain Ordinance	Tehuacana	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	3	1.42	2	1.03	277	7.42	145	7.46	0	0.00	0	0.00	30	1.33	0	0.00	0	0	0	0.00	0	0.00	No	0	2	20.66	424	20.66	423.00
032000134	3	City of Dallas Buyout of Repetitive Loss Properties	Dallas	Develop a buyout program for repetitive loss properties within the city.	Regulatory and Guidance	\$5,000,000	\$50,000,000	11,792	7.89	89,527	8.64	64	5.70	299	8.41	0	0.00	444	7.23	7,391	3.11	0	0.00	0	0	0	0.00	0	0.00	No	0	2	42.98	60	42.98	59.00
032000135	3	City of Fort Worth HROM Program	Fort Worth	Implement a Hazardous Roadway Overlapping Mitigation (HROM) Program to prioritize hazardous roadway overlapping and identify acceptable, affordable, and effective solutions for construction to maximize impact of available funding and reduce risks.	Infrastructure Projects	\$3,500,000	\$35,000,000	5,921	7.35	27,286	7.79	0	0.00	0	0.00	0	0.00	185	6.30	7,266	3.11	0	0.00	0	0	0	0.00	0	0.00	No	0	1	25.54	302	25.54	314.00
032000136	3	City of Lindsay Flood Monitoring System	Lindsay	Install flood monitoring equipment throughout the City of Lindsay.	Infrastructure Projects: Measurement and Warning	\$25,000	\$250,000	36	3.35	39	3.11	0	0.00	0	0.00	0	0.00	2	1.54	136	1.82	0	0.00	0	0	0	0.00	0	0.00	No	0	3	12.32	574	12.32	571.00
032000137	3	Mobile City NFIP Floodplain Ordinance	Mobile City	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	0	0.00	0	0.00	64	5.70	299	8.41	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.11	507	16.11	510.00
032000138	3	City of Fort Worth Open Space Conservation	Fort Worth	Acquire open space to preserve floodplains and upland watershed areas.	Property Acquisition and Structural Elevation	\$3,000,000	\$30,000,000	5,921	7.35	27,286	7.79	1	1.03	15	4.48	0	0.00	185	6.30	7,266	3.11	0	0.00	0	0	0	0.00	100	7.50	No	0	1	38.55	82	38.55	84.00
032000139	3	City of Burleson Flood Warning and Safety Improvements	Burleson	Safety improvements at SE Tarrant Ave, N Warren St, SW Johnson Ave, and SE Newton Dr. Safety improvements may include, but are not limited to, high-water warning flashers, staff gauges, flood hazard signs, and additional light fixtures.	Flood Measurement and Warning	\$50,000	\$500,000	113	4.25	462	4.88	8	3.26	19	4.79	0	0.00	4	2.23	372	2.14	0	0.00	0	0	0	0.00	0	0.00	No	0	3	24.04	329	24.04	340.00
032000140	3	City of Grand Prairie CIP Program	Grand Prairie	Improvement projects throughout the City of Grand Prairie.	Infrastructure Projects	\$48,600,000	\$243,000,000	442	5.31	3,471	6.32	3	2.14	10	3.94	0	0.00	40	4.67	1,927	2.68	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.06	289	26.06	304.00
032000141	3	Drainage improvement projects throughout the City of Hurst.	Hurst	Drainage improvement projects throughout the City of Hurst. One improvement includes a detention pond.	Infrastructure Projects	\$3,600,000	\$18,000,000	289	4.98	1,281	5.61	10	3.52	39	5.73	0	0.00	9	3.08	18	1.16	0	0.00	0	0	0	0.00	0	0.00	No	0	1	25.09	311	25.09	319.00
032000142	3	Drainage improvement projects throughout the City of Garland.	Garland	Drainage improvement projects throughout the City of Garland. Some alternatives include detention ponds.	Infrastructure Projects	\$21,000,000	\$105,000,000	1,005	5.96	7,586	6.88	5	2.72	0	0.00	0	0.00	30	4.36	627	2.31	0	0.00	0	0	0	0.00	0	0.00	No	0	1	23.22	354	23.22	367.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
032000143	3	Infrastructure improvements throughout the City of Terrell.	Terrell	Infrastructure improvements throughout the City of Terrell such as storm drain updates, channel improvements, culvert improvements, railroad crossing updating, and street improvements. One improvement includes enhancing a channel with natural grass.	Infrastructure Projects	\$5,800,000	\$29,000,000	27	3.13	262	4.47	3	2.14	0	0.00	0	0.00	5	2.46	119	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	1	14.97	530	14.97	533.00
032000146	3	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	The Nature Conservancy (TNC)	Multi-jurisdictional stakeholder engagement, planning and analysis will further refine priority NBS areas and identify as well as prepare a portfolio of priority NBS flood mitigation, projects, and strategies.	Other	\$1,964,000	\$1,964,000	85,859	9.44	241,489	9.35	342	7.66	4,779	12.06	0	0.00	3,952	9.56	1,888	2.67	0	0.00	0	0	0	0.00	100	7.50	No	0	1	58.74	1	46.68	37.00
032000147	3	Balch Springs Buyout	Balch Springs	Buyout of six (6) flood-prone properties selected on proximity to creek, flood depths, and frequency of flooding	Property Acquisition and Structural Elevation	\$1,045,000	\$1,045,000	6	1.95	16	2.48	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	2.53	6	1	16	3.11	0	0.00	No	0	1	12.53	569	12.39	568.00
042000001	4	Orange County Drainage District Design Criteria	Orange County	Update Design Criteria	Regulatory and Guidance	\$50,000	\$50,000	16,974	8.17	26,881	7.78	276	7.41	22	4.98	22	1.97	364	7.02	17,171	3.39	0	0.00	0	0	0	0.00	0	0.00	No	0	2	42.72	61	#N/A	#N/A
042000002	4	Orange County Property Prone/Repetitive Loss Properties and Convert to Open Space, Parks, Boating Access, Trails, Agricultural Projects, and/or as a General Community Asset	Orange County	Administer program to acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset	Property Acquisition and Structural Elevation	\$10,000	\$10,000	16,974	8.17	26,881	7.78	276	7.41	22	4.98	22	1.97	364	7.02	17,171	3.39	0	0.00	0	0	0	0.00	100	7.50	No	0	1	49.22	21	#N/A	#N/A
042000003	4	Orange County Drainage District Flood Warning System	Orange County	Improvement of existing flood warning system	Flood Measurement and Warning	\$150,000	\$150,000	16,974	8.17	26,881	7.78	276	7.41	22	4.98	22	1.97	364	7.02	17,171	3.39	0	0.00	0	0	0	0.00	0	0.00	No	0	3	43.22	57	#N/A	#N/A
042000004	4	Orange County Detention Ponds Throughout County	Orange County	Series of detention ponds to prevent flooding along HWY 10, Hwy 12, Hwy 62, and Hwy 87 - the County's evacuation routes.	Infrastructure Projects	\$500,000	\$44,000,000	16,974	8.17	26,881	7.78	276	7.41	22	4.98	22	1.97	364	7.02	17,171	3.39	0	0.00	0	0	0	0.00	0	0.00	No	0	1	41.72	66	#N/A	#N/A
042000005	4	Orange County Wide Floodplain Development Regulations	Van Zandt County	Incorporate higher standards for flood hazard resiliency in local application of the building code. Develop a public education and awareness website to educate and inform Rockwall County residents/businesses about the natural hazards and the potential ways to mitigate them and the ecological and societal benefits of flooding.	Regulatory and Guidance	\$10,000	\$10,000	1,080	6.04	1,471	5.71	13	3.83	9	3.81	9	1.50	79	5.39	26,372	3.52	0	0.00	0	0	0	0.00	0	0.00	No	0	2	31.77	159	#N/A	#N/A
042000006	4	Rockwall Countywide Flood Awareness Program	Rockwall County	Rockwall Countywide Flood Awareness Program	Education and Outreach	\$2,775	\$2,775	191	4.66	673	5.15	0	0.00	11	4.07	11	1.61	15	3.62	3,040	2.82	0	0.00	0	0	0	0.00	0	0.00	No	0	2	23.43	346	#N/A	#N/A
042000008	4	Orange County Emergency Response Staging Area	Orange County Drainage District	Staging Area and "fly pads" for use during disaster events.	Other	\$10,000	\$10,000	16,974	8.17	26,881	7.78	276	7.41	22	4.98	22	1.97	364	7.02	17,171	3.39	0	0.00	0	0	0	0.00	0	0.00	No	0	1	41.22	68	41.57	71.00
042000009	4	Orange County Elevation of Residential Structures Program	Orange County Drainage District	Elevations of homes within floodplains throughout County.	Property Acquisition and Structural Elevation	\$50,000	\$50,000	16,974	8.17	26,881	7.78	276	7.41	22	4.98	22	1.97	364	7.02	17,171	3.39	0	0.00	0	0	0	0.00	100	7.50	No	0	1	49.22	20	#N/A	#N/A
042000010	4	Orange County Drainage District Additional Gages And Warning Systems	Orange County Drainage District	Incorporation of additional rain gauges and flood sensors throughout jurisdiction.	Flood Measurement and Warning	\$100,000	\$200,000	16,974	8.17	26,881	7.78	276	7.41	22	4.98	22	1.97	364	7.02	17,171	3.39	0	0.00	0	0	0	0.00	0	0.00	No	0	3	43.22	56	#N/A	#N/A
042000012	4	City of Edgewood Flood Infrastructure Maintenance	Edgewood	Adopt and implement a program for clearing debris from bridges, drains, and culverts.	Other	\$100,000	\$100,000	27	3.13	22	2.70	0	0.00	0	0.00	0	0.00	1	0.94	29	1.32	0	0.00	0	0	0	0.00	0	0.00	No	0	1	8.58	640	8.85	629.00
042000013	4	City of Greenville NFIP Participation	Greenville	Increase NFIP Participation. Greenville participates in the NFIP program and needs to strongly encourage through education additional residents and businesses to purchase and maintain flood insurance.	Regulatory and Guidance	\$10,000	\$10,000	429	5.29	5,509	6.65	28	4.73	0	0.00	0	0.00	26	4.21	1,339	2.56	0	0.00	0	0	0	0.00	0	0.00	No	0	2	25.43	307	#N/A	#N/A
042000014	4	City of Fruitvale "StormReady" Program	Fruitvale	Obtain certification in the National Weather Service StormReady Program.	Regulatory and Guidance	\$10,000	\$10,000	4	1.64	12	2.27	0	0.00	0	0.00	0	0.00	2	1.54	127	1.79	0	0.00	0	0	0	0.00	0	0.00	No	0	2	9.24	627	#N/A	#N/A
042000015	4	City of Fruitvale Flood Emergency Notification System	Fruitvale	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Flood Measurement and Warning	\$10,000	\$10,000	4	1.64	12	2.27	0	0.00	0	0.00	0	0.00	2	1.54	127	1.79	0	0.00	0	0	0	0.00	0	0.00	No	0	3	9.74	618	#N/A	#N/A
042000016	4	City of Van "StormReady" Program	Van	Obtain certification in the National Weather Service StormReady Program.	Regulatory and Guidance	\$10,000	\$10,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.12	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.12	733	#N/A	#N/A
042000017	4	City of Van Flood Infrastructure Maintenance	Van	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Other	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.12	0	0.00	0	0	0	0.00	0	0.00	No	0	1	0.62	767	0.62	746.00
042000018	4	City of Grand Saline "StormReady" Program	Grand Saline	Obtain certification in the National Weather Service StormReady Program.	Regulatory and Guidance	\$10,000	\$10,000	82	4.00	178	4.20	1	1.03	0	0.00	0	0.00	2	1.54	24	1.26	0	0.00	0	0	0	0.00	0	0.00	No	0	2	14.02	544	#N/A	#N/A
042000019	4	City of Grand Saline Flood Infrastructure Maintenance	Grand Saline	Adopt and implement a program for clearing debris from bridges, drains, and culverts.	Other	\$100,000	\$100,000	82	4.00	178	4.20	1	1.03	0	0.00	0	0.00	2	1.54	24	1.26	0	0.00	0	0	0	0.00	0	0.00	No	0	1	12.52	570	12.69	564.00
042000020	4	City of Wills Point "StormReady" Program	Wills Point	Obtain certification in the National Weather Service StormReady Program.	Regulatory and Guidance	\$10,000	\$10,000	12	2.49	29	2.90	0	0.00	0	0.00	0	0.00	0	0.00	47	1.47	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.87	635	#N/A	#N/A
042000021	4	City of Wills Point Flood Emergency Notification System	Wills Point	Implement and enhance an area-wide telephone Emergency Notification System ("Reverse 911").	Flood Measurement and Warning	\$10,200	\$10,200	12	2.49	29	2.90	0	0.00	0	0.00	0	0.00	0	0.00	47	1.47	0	0.00	0	0	0	0.00	0	0.00	No	0	3	9.37	625	#N/A	#N/A
042000022	4	City of Wills Point Flood Infrastructure Maintenance	Wills Point	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Other	\$51,000	\$51,000	12	2.49	29	2.90	0	0.00	0	0.00	0	0.00	0	0.00	47	1.47	0	0.00	0	0	0	0.00	0	0.00	No	0	1	7.37	661	7.52	650.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
04200023	4	City of Willis Point Flood Awareness Program	Willis Point	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.	Education and Outreach	\$10,200	\$10,200	12	2.49	29	2.90	0	0.00	0	0.00	0	0.00	0	0.00	47	1.47	0	0.00	0	0.00	0	0.00	No	0	2	8.37	646	#N/A	#N/A		
04200025	4	City of Fate Flood Infrastructure Maintenance	Fate	Develop and implement a county-wide pre-disaster debris removal and monitoring contracts	Other	\$100,000	\$100,000	21	2.93	128	3.96	0	0.00	1	1.16	1	0.46	3	1.94	164	1.88	0	0.00	0	0.00	0	0.00	No	0	1	12.82	562	12.82	563.00		
04200026	4	City of Gladewater Flood Awareness Program	Gladewater	Develop and implement a public education campaign to inform the public about mitigation actions they can take to make their family and home safer. Put information and links to outside resources on city websites and facebook pages.	Education and Outreach	\$10,000	\$10,000	146	4.45	225	4.36	0	0.00	0	0.00	0	0.00	4	2.23	308	2.08	0	0.00	0	0.00	0	0.00	No	0	2	14.62	533	#N/A	#N/A		
04200027	4	City of Gladewater Flood Awareness Program	Gladewater	Develop and implement the "Turn Around, Don't Drown Program"	Education and Outreach	\$10,000	\$10,000	146	4.45	225	4.36	0	0.00	0	0.00	0	0.00	4	2.23	308	2.08	0	0.00	0	0.00	0	0.00	No	0	2	14.62	533	#N/A	#N/A		
04200028	4	City of Gladewater Flood Infrastructure Maintenance Program	Gladewater	Implement program to remove debris from drainage culverts when needed to alleviate potential flooding hazards	Other	\$20,000	\$20,000	146	4.45	225	4.36	0	0.00	0	0.00	0	0.00	4	2.23	308	2.08	0	0.00	0	0.00	0	0.00	No	0	1	13.62	550	13.83	549.00		
04200029	4	City of Gladewater Flood Awareness Program	Gladewater	Develop, implement and promote a public education campaign to encourage the public to register for the Nixie warning system; put link on city websites and facebook pages.	Education and Outreach	\$10,000	\$10,000	25	3.06	29	2.90	0	0.00	0	0.00	0	0.00	1	0.94	118	1.77	0	0.00	0	0.00	0	0.00	No	0	2	10.18	613	#N/A	#N/A		
04200030	4	City of Kilgore "StormReady" Program	Kilgore	Obtain awareness materials from Texas Floodplain Management Association for distribution to the public. Post public awareness content on social media platforms prior to and during flooding.	Education and Outreach	\$5,000	\$5,000	296	5.00	870	5.33	3	2.14	3	2.39	3	0.95	15	3.62	96	1.70	0	0.00	0	0.00	0	0.00	No	0	2	22.63	373	#N/A	#N/A		
04200032	4	City of Kilgore Flood Infrastructure Inspection and Maintenance Program	Kilgore	Investigate the current condition of culverts, headwalls, and repairs to culverts and headwalls	Other	\$30,000	\$30,000	296	5.00	870	5.33	3	2.14	3	2.39	3	0.95	15	3.62	96	1.70	0	0.00	0	0.00	0	0.00	No	0	1	21.63	409	21.91	401.00		
04200033	4	City of Clarksville City Flood Infrastructure Inspection and Maintenance Program	Clarksville City	Monitor flood-prone areas and remove debris from drainage culverts when needed to alleviate potential flooding hazards.	Other	\$20,000	\$20,000	25	3.06	29	2.90	0	0.00	0	0.00	0	0.00	1	0.94	118	1.77	0	0.00	0	0.00	0	0.00	No	0	1	9.18	628	9.55	617.00		
04200034	4	City of Longview Flood Awareness Program	Longview	Promote the "Turn Around Don't Drown" campaign, in partnership with DPS.	Education and Outreach	\$10,000	\$10,000	1,379	6.21	10,126	7.08	9	3.40	0	0.00	0	0.00	41	4.69	295	2.07	0	0.00	0	0.00	0	0.00	No	0	2	24.95	312	#N/A	#N/A		
04200035	4	City of Longview Flood Mitigation Training Program	Longview	Seek state and FEMA sponsored training in flood mitigation for key personnel.	Regulatory and Guidance	\$2,000	\$2,000	1,379	6.21	10,126	7.08	9	3.40	0	0.00	0	0.00	41	4.69	295	2.07	0	0.00	0	0.00	0	0.00	No	0	2	25.45	305	#N/A	#N/A		
04200039	4	City of Longview Property Acquisition Program	Longview	Implementation of program to purchase properties and severe loss-repetitive loss homes in floodplain areas to reserve them from development.	Property Acquisition and Structural Elevation	\$100,000	\$100,000	1,379	6.21	10,126	7.08	9	3.40	0	0.00	0	0.00	41	4.69	295	2.07	0	0.00	0	0.00	100	7.50	No	0	1	31.95	157	#N/A	#N/A		
04200041	4	City of Longview Dam Development	Longview	Promote FEMA-recommended construction methods for any new dam	Regulatory and Guidance	\$10,000	\$10,000	1,379	6.21	10,126	7.08	9	3.40	0	0.00	0	0.00	41	4.69	295	2.07	0	0.00	0	0.00	0	0.00	No	0	2	25.45	305	#N/A	#N/A		
04200042	4	City of Hideaway Flood Awareness Program	Hideaway	Conduct public outreach to educate homeowners on flood mitigation measures for their homes.	Education and Outreach	\$10,500	\$10,500	249	4.87	364	4.71	0	0.00	0	0.00	0	0.00	1	0.94	4	0.71	0	0.00	0	0.00	0	0.00	No	0	2	12.72	563	#N/A	#N/A		
04200043	4	City of Hideaway Floodplain Development Regulations	Hideaway	Mandate 2 FT Freeboard on Hideaway Lakes Dams	Regulatory and Guidance	\$10,000	\$10,000	249	4.87	364	4.71	0	0.00	0	0.00	0	0.00	1	0.94	4	0.71	0	0.00	0	0.00	0	0.00	No	0	2	13.22	557	#N/A	#N/A		
04200044	4	City of Hideaway Flood Awareness Program	Hideaway	Public Awareness of Evacuation Routes from rising water from dam failure.	Education and Outreach	\$10,500	\$10,500	249	4.87	364	4.71	0	0.00	0	0.00	0	0.00	1	0.94	4	0.71	0	0.00	0	0.00	0	0.00	No	0	2	12.72	563	#N/A	#N/A		
04200045	4	City of Hideaway Dam Reliability Program	Hideaway	The city will remove trees from earthen dams on hideaway lakes #2 and #3 to mitigate erosion and assist with soil adhesion.	Other	\$60,000	\$60,000	249	4.87	364	4.71	0	0.00	0	0.00	0	0.00	1	0.94	4	0.71	0	0.00	0	0.00	0	0.00	No	0	1	11.72	584	11.72	581.00		
04200046	4	City of Winona Flood Awareness Program	Winona	Conduct public outreach to homeowners and residents on flood mitigation measures for their residents.	Education and Outreach	\$104,000	\$104,000	8	2.17	8	1.98	0	0.00	0	0.00	0	0.00	0	0.00	26	1.28	0	0.00	0	0.00	0	0.00	No	0	2	6.94	669	#N/A	#N/A		
04200047	4	City of Roysse City Floodplain Management Ordinances	Roysse City	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain. Achieve certification by the National Weather Service as a "StormReady" Community.	Regulatory and Guidance	\$10,000	\$10,000	131	4.36	424	4.82	0	0.00	8	3.65	8	1.44	19	3.87	1,451	2.58	0	0.00	0	0.00	0	0.00	No	0	2	22.73	364	#N/A	#N/A		
04200048	4	City of Roysse City "StormReady" Program	Roysse City	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain. Achieve certification by the National Weather Service as a "StormReady" Community.	Regulatory and Guidance	\$10,000	\$10,000	131	4.36	424	4.82	0	0.00	8	3.65	8	1.44	19	3.87	1,451	2.58	0	0.00	0	0.00	0	0.00	No	0	2	22.73	364	#N/A	#N/A		
04200049	4	City of Como Flood Awareness Program	Como	Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads and to "Turn Around, Don't Drown."	Education and Outreach	\$10,000	\$10,000	3	1.42	1	0.63	0	0.00	0	0.00	0	0.00	0	0.00	11	0.99	0	0.00	0	0.00	0	0.00	No	0	2	4.55	696	#N/A	#N/A		
04200051	4	City of Cumby Flood Awareness Program	Cumby	Disseminate PSA's, Newspaper Articles through local media about dangers of flooded county roads	Education and Outreach	\$11,500	\$11,500	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	0.70	0	0.00	0	0.00	0	0.00	No	0	2	2.20	730	#N/A	#N/A		

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
042000052	4	Sabine Flood Measurement Gages	Sabine River Authority	Install flood measurement gages in Upper Sabine Basin	Flood Measurement and Warning	\$50,000	\$800,100	12,591	7.94	32,146	7.91	88	6.07	67	6.44	67	2.55	877	7.95	170,166	4.13	0	0.00	0	0	0	0.00	0	0.00	No	0	3	45.49	49	45.71	47.00
042000053	4	Hunt County Flood Warning and Public Safety	Hunt County	Adopt and Promote the program of "Turn Around Don't Drown Campaign" - Implement early warning program.	Flood Measurement and Warning	\$250,000	\$250,000	2,392	6.64	6,455	6.76	45	5.28	10	3.94	10	1.56	143	6.02	33,759	3.60	0	0.00	0	0	0	0.00	0	0.00	No	0	3	36.31	95	36.53	97.00
042000054	4	Rockwall County Warning Signs and Flood Control Gages	Rockwall County	Install automatic flood warning gates to prevent access into flooded areas. Install warning signs and flood control	Flood Measurement and Warning	\$250,000	\$250,000	191	4.66	673	5.15	0	0.00	11	4.07	11	1.61	15	3.62	2,829	2.80	0	0.00	0	0	0	0.00	0	0.00	No	0	3	24.41	323	24.52	329.00
042000055	4	Rockwall County Flood Prevention Ordinance	Rockwall County	Update Flood Prevention ordinance, adopting a "no-rise" in Base Flood Elevation in the 100-year floodplain	Regulatory and Guidance	\$100,000	\$100,000	191	4.66	673	5.15	0	0.00	11	4.07	11	1.61	15	3.62	2,829	2.80	0	0.00	0	0	0	0.00	0	0.00	No	0	2	23.91	334	24.02	342.00
042000056	4	Willis Point Structure Permitting Requirement Update	Willis Point	Increase freeboard requirements for permitting structures in the SFHA; Adopt a "no-rise" in BFE in the 100-year floodplain; Update local flood ordinance	Regulatory and Guidance	\$100,000	\$100,000	12	2.49	29	2.90	0	0.00	0	0.00	0	0.00	0	0.00	43	1.44	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.83	636	8.99	626.00
042000057	4	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	Kaufman County	Conduct program in conjunction with local communities to incorporate regulatory standards to protect open space flood-prone areas	Regulatory and Guidance	\$100,000	\$100,000	79	3.97	100	3.79	0	0.00	3	2.39	3	0.95	5	2.46	2,567	2.77	0	0.00	0	0	0	0.00	0	0.00	No	0	2	18.32	460	18.32	461.00
042000058	4	Kaufman County Agreement to Monitor High Hazard Dams	Kaufman County	Develop a mutual aid agreement with the City of Terrell, City of Kemp, City of Kaufman to monitor high hazard dams with automated monitor to minimize potential dam failure of the structure	Flood Measurement and Warning	\$300,000	\$300,000	79	3.97	100	3.79	0	0.00	3	2.39	3	0.95	5	2.46	2,567	2.77	0	0.00	0	0	0	0.00	0	0.00	No	0	3	18.82	452	18.82	456.00
042000059	4	City of Kilgore Property Acquisition	Kilgore	Implementation of program to purchase properties and repetitive loss homes in floodplain areas to reserve them from development.	Property Acquisition and Structural Elevation	\$50,000	\$64,351,368	517	5.44	1,305	5.62	3	2.14	3	2.39	3	0.95	45	4.79	3,000	2.82	22	3.84	22	2	75	4.49	100	7.50	No	0	1	43.19	58	35.76	107.00
042000060	4	Kaufman County Flood Education Program	Kaufman County	Conduct countywide outreach to educate residents on flood hazards, mitigation techniques and promote availability of NFIP flood insurance.	Education and Outreach	\$50,000	\$50,000	79	3.97	100	3.79	0	0.00	3	2.39	3	0.95	5	2.46	2,567	2.77	0	0.00	0	0	0	0.00	0	0.00	No	0	2	17.82	467	17.82	470.00
042000061	4	City of Nevada NFIP Floodplain Ordinance	Nevada	Develop a floodplain ordinance that meets or exceeds FEMA's minimum standards	Regulatory and Guidance	\$100,000	\$100,000	1	0.69	3	1.30	0	0.00	0	0.00	0	0.00	0	0.00	11	0.99	0	0.00	0	0	0	0.00	0	0.00	No	0	2	4.98	693	4.98	680.00
042000062	4	Van Zandt County Flood Safety Improvements and Education	Van Zandt County	Educate community on the dangers of low water crossings	Education and Outreach	\$50,000	\$50,000	1,080	6.01	1,471	5.71	0	0.00	9	3.81	9	1.50	79	5.39	24,554	3.50	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.42	242	27.63	251.00
052000043	5	Angelina County Property Acquisition	Angelina County	Acquire repetitive loss properties.	Property Acquisition and Structural Elevation	\$500,000	\$2,100,000	1,201	6.10	8,420	6.95	11	3.63	19	4.79	19	1.89	66	5.20	165	1.88	0	0.00	0	0	0	0.00	100	7.50	No	0	1	38.94	81	38.94	83.00
052000044	5	Angelina County Property Elevation	Angelina County	Elevate properties in the floodplain.	Property Acquisition and Structural Elevation	\$100,000	\$630,000	1,201	6.10	8,420	6.95	11	3.63	19	4.79	19	1.89	66	5.20	165	1.88	0	0.00	0	0	0	0.00	0	0.00	No	0	1	31.44	164	31.44	175.00
052000045	5	Hardin County Voluntary Flood Buyout	Hardin County	Voluntary flood buyouts.	Property Acquisition and Structural Elevation	\$90,000	\$4,000,000	3,678	6.97	10,528	7.11	25	4.59	13	4.29	13	1.69	136	5.97	743	2.37	0	0.00	0	0	0	0.00	100	7.50	No	0	1	41.50	67	41.50	72.00
052000046	5	Hardin County Voluntary Residential Structure Elevation	Hardin County	Voluntary elevations of flood prone properties in Hardin County.	Property Acquisition and Structural Elevation	\$140,000	\$7,500,000	3,678	6.97	10,528	7.11	25	4.59	13	4.29	13	1.69	136	5.97	743	2.37	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.00	129	34.00	140.00
052000047	5	City of Kountze Flood Buyout	Kountze	Voluntary flood buyouts.	Property Acquisition and Structural Elevation	\$60,000	\$6,000,000	3	1.42	2	1.03	0	0.00	0	0.00	0	0.00	1	0.94	0	0.01	0	0.00	0	0	0	0.00	100	7.50	No	0	1	11.91	581	11.91	578.00
052000048	5	City of Lumberton Voluntary Flood Buyout	Lumberton	Voluntary flood buyouts.	Property Acquisition and Structural Elevation	\$90,000	\$6,000,000	235	4.82	658	5.13	0	0.00	1	1.16	1	0.46	4	2.23	23	1.24	0	0.00	0	0	0	0.00	100	7.50	No	0	1	23.54	344	23.54	358.00
052000049	5	City of Rose Hill Acres Voluntary Flood Buyout	Rose Hill Acres	Voluntary flood buyouts.	Property Acquisition and Structural Elevation	\$90,000	\$5,000,000	134	4.38	278	4.52	0	0.00	0	0.00	0	0.00	2	1.54	0	0.07	0	0.00	0	0	0	0.00	100	7.50	No	0	1	19.00	448	19.00	452.00
052000050	5	City of Rose Hill Acres Voluntary Residential Structure Elevation	Rose Hill Acres	Voluntary elevations of flood prone properties in Rose Hill Acres.	Property Acquisition and Structural Elevation	\$90,000	\$6,000,000	134	4.38	278	4.52	0	0.00	0	0.00	0	0.00	2	1.54	0	0.07	0	0.00	0	0	0	0.00	0	0.00	No	0	1	11.50	590	11.50	587.00
052000051	5	City of Silsbee Voluntary Flood Buyout	Silsbee	Voluntary flood buyouts.	Property Acquisition and Structural Elevation	\$40,000	\$6,000,000	87	4.04	780	5.25	2	1.69	3	2.39	3	0.95	2	1.54	1	0.33	0	0.00	0	0	0	0.00	100	7.50	No	0	1	24.69	322	24.69	328.00
052000052	5	City of Sour Lake Voluntary Flood Buyout	Sour Lake	Voluntary flood buyouts.	Property Acquisition and Structural Elevation	\$40,000	\$6,000,000	435	5.30	1,687	5.80	7	3.10	3	2.39	3	0.95	8	2.96	7	0.88	0	0.00	0	0	0	0.00	100	7.50	No	0	1	29.88	193	29.88	202.00
052000053	5	Jefferson County Property Elevation	Jefferson County	EIF Application, aimed to elevate houses within county subject to inundation from flooding.	Property Acquisition and Structural Elevation	\$500,000	\$1,110,000	12,869	7.96	40,765	8.08	316	7.57	22	4.98	22	1.97	474	7.30	33,019	3.60	0	0.00	0	0	0	0.00	0	0.00	No	0	1	42.45	62	42.45	60.00
052000054	5	Liberty County Property Acquisition	Liberty County	Acquire property located in the floodplain including properties located in subdivisions along the Trinity River.	Property Acquisition and Structural Elevation	\$500,000	\$2,140,000	116	4.27	143	4.04	1	1.03	0	0.00	0	0.00	7	2.82	1,526	2.60	0	0.00	0	0	0	0.00	100	7.50	No	0	1	23.26	352	23.26	365.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
05200055	5	City of Nacogdoches Study and Ranking of Repetitive Loss Structures	Nacogdoches	Analyze flood-prone properties in the City of Nacogdoches and identify appropriate mitigation options for each repetitive loss structure.	Property Acquisition and Structural Elevation	\$100,000	\$327,000	446	5.32	5,331	6.63	1	1.03	0	0.00	0	0.00	14	3.55	4	0.71	0	0.00	0	0	0	0.00	100	7.50	No	0	1	25.74	299	25.74	311.00
05200056	5	San Augustine County Acquisition and Conversion of Flood Prone Properties	San Augustine County	Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	Property Acquisition and Structural Elevation	\$100,000	\$530,000	64	3.80	146	4.06	0	0.00	2	1.99	2	0.75	13	3.47	42	1.43	0	0.00	0	0	0	0.00	100	7.50	No	0	1	23.91	333	23.91	346.00
05200057	5	San Augustine County Structure Elevation	San Augustine County	Elevate existing flood prone structures above the base flood elevation to reduce flood losses. Flood proof historical structures at risk from flooding.	Property Acquisition and Structural Elevation	\$100,000	\$318,000	64	3.80	146	4.06	0	0.00	2	1.99	2	0.75	13	3.47	42	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.41	497	16.41	498.00
05200058	5	Shelby County Property Acquisition	Shelby County	Acquire flood prone/repetitive loss properties and convert to open space, parks, boating access, trails, agricultural projects, and/or as a general community asset.	Property Acquisition and Structural Elevation	\$25,000	\$100,000	15	2.67	8	1.98	0	0.00	4	2.76	4	1.09	5	2.46	56	1.53	0	0.00	0	0	0	0.00	100	7.50	No	0	1	20.99	421	20.99	420.00
05200059	5	Trinity County Buyout Program Implementation	Trinity County	Develop and implement a program to buyout repetitive loss properties and convert to open space, parks, boating access, trails, and/or as a general community asset.	Property Acquisition and Structural Elevation	\$25,000	\$100,000	32	3.26	15	2.43	0	0.00	1	1.16	1	0.46	22	4.03	68	1.59	0	0.00	0	0	0	0.00	100	7.50	No	0	1	21.43	414	21.43	415.00
05200060	5	City of Groveton Buyout Program Implementation	Groveton	Develop and implement a program to buyout repetitive loss properties and convert to open space, parks, boating access, trails, and/or as a general community asset.	Property Acquisition and Structural Elevation	\$25,000	\$100,000	3	1.42	2	1.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	100	7.50	No	0	1	10.96	600	10.96	597.00
05200092	5	Anderson County Culvert Improvements	Anderson County	Widen culverts to mitigate against future drainage issues that lead to flooding.	Infrastructure Projects	\$100,000	\$3,000,000	69	3.86	73	3.56	0	0.00	2	1.90	2	0.75	22	4.03	348	2.12	0	0.00	0	0	0	0.00	0	0.00	No	0	1	17.22	478	17.22	479.00
05200093	5	Anderson County Dam Inspection and Maintenance Program	Anderson County	Work with dam owners to keep dams in excellent condition by visiting dam locations and doing inspections with owners to ensure that dams are properly maintained and failure possibilities are greatly reduced.	Infrastructure Projects	\$10,500	\$2,000,000	69	3.86	73	3.56	0	0.00	2	1.90	2	0.75	22	4.03	348	2.12	0	0.00	0	0	0	0.00	0	0.00	No	0	1	17.22	478	17.22	479.00
05200094	5	City of Frankston Culvert Improvements	Frankston	Develop plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$100,000	\$1,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.06	0	0.00	0	0	0	0.00	0	0.00	No	0	1	1.06	760	1.06	741.00
05200095	5	City of Palestine Drainage System Expansion and Maintenance	Palestine	Establish plan and necessary standards to increase the capacity of drainage ditches along all city streets and roads.	Infrastructure Projects	\$100,000	\$2,000,000	14	2.61	42	3.17	0	0.00	2	1.99	2	0.75	2	1.54	2	0.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	11.40	594	11.40	591.00
05200096	5	Angelina County Culvert Improvements	Angelina County	Develop plan to upgrade major culvert areas which are prone to flooding.	Infrastructure Projects	\$63,000	\$2,000,000	1,201	6.10	8,420	6.95	11	3.63	19	4.79	19	1.89	66	5.20	165	1.88	0	0.00	0	0	0	0.00	0	0.00	No	0	1	31.44	164	31.44	175.00
05200097	5	City of Burke Drainage Ditch Capacity Upgrades	Burke	Establish a plan and necessary standards to increase the capacity of drainage ditches along all city streets and roads.	Infrastructure Projects	\$100,000	\$500,000	1	0.69	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.14	0	0.00	0	0	0	0.00	0	0.00	No	0	1	1.83	756	1.83	737.00
05200098	5	Chambers County Property Protection	Chambers County	Project will clear obstacles, widen and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding throughout all participating jurisdictions.	Infrastructure Projects	\$200,000	\$1,000,000	1,175	6.08	1,431	5.69	0	0.00	0	0.00	0	0.00	162	6.15	36,933	3.63	0	0.00	0	0	0	0.00	0	0.00	No	0	1	22.55	377	22.55	382.00
05200099	5	Cherokee County Culvert Upgrades	Cherokee County	Develop plan to upgrade major culvert areas which are prone to flooding.	Infrastructure Projects	\$80,000	\$2,000,000	672	5.64	1,382	5.66	1	1.03	10	3.94	10	1.56	49	4.88	920	2.44	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.16	287	26.16	300.00
05200100	5	City of Alto Culvert Improvements	Alto	Develop plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$5,000	\$1,000,000	11	2.42	2	1.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.02	0	0.00	0	0	0	0.00	0	0.00	No	0	1	4.48	697	4.48	682.00
05200101	5	City of Reklaw Drainage System Upgrades	Reklaw	Establish plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$100,000	\$1,000,000	1	0.69	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.30	0	0.00	0	0	0	0.00	0	0.00	No	0	1	1.99	755	1.99	736.00
05200102	5	City of Rusk Culvert Improvements	Rusk	Establish plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$5,000	\$1,000,000	41	3.45	462	4.88	0	0.00	0	0.00	0	0.00	2	1.54	1	0.35	0	0.00	0	0	0	0.00	0	0.00	No	0	1	11.21	596	11.21	593.00
05200103	5	City of Wells Culvert Improvements	Wells	Establish plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$5,000	\$1,000,000	1	0.69	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.07	0	0.00	0	0	0	0.00	0	0.00	No	0	1	1.76	757	1.76	738.00
05200104	5	Hardin County Culverts, Ditches, and Channel	Hardin County	Establish plan to upgrade storm water capacity by installing/upgrading culverts and enlarging storm water channels.	Infrastructure Projects	\$200,000	\$3,000,000	3,678	6.97	10,528	7.11	25	4.59	13	4.29	13	1.69	136	5.97	743	2.37	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.00	129	34.00	140.00
05200105	5	Hardin County Detention Ponds	Hardin County	Develop a program to construct water retention ponds to collect stormwater run-off, reduce flooding, and use as an alternate water source throughout Hardin County.	Infrastructure Projects	\$200,000	\$1,000,000	3,678	6.97	10,528	7.11	25	4.59	13	4.29	13	1.69	136	5.97	743	2.37	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.00	129	34.00	140.00
05200106	5	Hardin County Elevate Roads and Bridges	Hardin County	Develop a program to elevate roads and bridges including installing upsizing culverts and headwalls, and bridge upgrades.	Infrastructure Projects	\$200,000	\$10,000,000	3,678	6.97	10,528	7.11	25	4.59	13	4.29	13	1.69	136	5.97	743	2.37	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.00	129	34.00	140.00
05200107	5	City of Kountze Culverts and Ditches	Kountze	Develop plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$80,000	\$3,000,000	3	1.42	2	1.03	0	0.00	0	0.00	0	0.00	1	0.94	0	0.01	0	0.00	0	0	0	0.00	0	0.00	No	0	1	4.41	698	4.41	683.00

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052000108	5	City of Kountze Elevate Roads and Bridges	Kountze	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Infrastructure Projects	\$100,000	\$2,000,000	3	1.42	2	1.03	0	0.00	0	0.00	0	0.00	1	0.94	0	0.01	0	0.00	0	0	0	0.00	0	0.00	No	0	1	4.41	698	4.41	683.00
052000109	5	City of Kountze General Drainage Improvements	Kountze	Increase drainage capacity; add stormwater detention basins and stormwater pumping stations where gravity flow is not feasible.	Infrastructure Projects	\$100,000	\$1,500,000	3	1.42	2	1.03	0	0.00	0	0.00	0	0.00	1	0.94	0	0.01	0	0.00	0	0	0	0.00	0	0.00	No	0	1	4.41	698	4.41	683.00
052000110	5	City of Lumberton Culverts, Ditches, and Channels	Lumberton	Develop plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$100,000	\$3,000,000	235	4.82	658	5.13	0	0.00	1	1.16	1	0.46	4	2.23	23	1.24	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.04	509	16.04	511.00
052000111	5	City of Rose Hill Acres Flood Control Improvements	Rose Hill Acres	Develop a program to upgrade flood control structures (barriers, berms) for the purpose of protecting critical facilities, potable water sources, and agricultural resources from water contamination and saltwater intrusion.	Infrastructure Projects	\$100,000	\$3,000,000	134	4.38	278	4.52	0	0.00	0	0.00	0	0.00	2	1.54	0	0.07	0	0.00	0	0	0	0.00	0	0.00	No	0	1	11.50	590	11.50	587.00
052000112	5	City of Rose Hill Acres General Drainage Improvements	Rose Hill Acres	Establish criteria to increase drainage capacity; add stormwater detention basins, box culverts and/or pipes to increase drainage capacity.	Infrastructure Projects	\$100,000	\$400,000	134	4.38	278	4.52	0	0.00	0	0.00	0	0.00	2	1.54	0	0.07	0	0.00	0	0	0	0.00	0	0.00	No	0	1	11.50	590	11.50	587.00
052000113	5	City of Silsbee Detention, Culverts, Ditches and Channels	Silsbee	Develop plan to increase drainage capacity in sites that are prone to flooding.	Infrastructure Projects	\$100,000	\$1,500,000	87	4.04	780	5.25	2	1.69	3	2.39	3	0.95	2	1.54	1	0.33	0	0.00	0	0	0	0.00	0	0.00	No	0	1	17.19	480	17.19	481.00
052000114	5	City of Silsbee Drainage Ditches	Silsbee	Develop a program to upgrade drainage ditches and explore converting necessary ditches into curb / sewer construction.	Infrastructure Projects	\$100,000	\$1,000,000	87	4.04	780	5.25	2	1.69	3	2.39	3	0.95	2	1.54	1	0.33	0	0.00	0	0	0	0.00	0	0.00	No	0	1	17.19	480	17.19	481.00
052000115	5	City of Silsbee Flood Mitigation for Hendrix Development	Silsbee	Explore, plan, and implement flood mitigation strategies within the Hendrix Development.	Infrastructure Projects	\$100,000	\$5,000,000	87	4.04	780	5.25	2	1.69	3	2.39	3	0.95	2	1.54	1	0.33	0	0.00	0	0	0	0.00	0	0.00	No	0	1	17.19	480	17.19	481.00
052000116	5	City of Sour Lake Channel Improvements	Sour Lake	Establish criteria and standards for installing large concrete channels, box culvert, concrete pipe, and/or mechanisms as needed to mitigate drainage ditch erosion and improve water capacity and conveyance.	Infrastructure Projects	\$60,000	\$500,000	435	5.30	1,687	5.80	7	3.10	3	2.39	3	0.95	8	2.96	7	0.88	0	0.00	0	0	0	0.00	0	0.00	No	0	1	22.38	381	22.38	386.00
052000117	5	City of Sour Lake Drainage Outfalls	Sour Lake	Advance a plan to rectify, enlarge, and maintain outfall channels for the City of Sour Lake, including excavating interior roadside ditches.	Infrastructure Projects	\$60,000	\$1,000,000	435	5.30	1,687	5.80	7	3.10	3	2.39	3	0.95	8	2.96	7	0.88	0	0.00	0	0	0	0.00	0	0.00	No	0	1	22.38	381	22.38	386.00
052000118	5	City of Sour Lake Stormwater Detention	Sour Lake	Establish criteria and standards to construct water retention ponds to collect stormwater run-off and reduce flooding.	Infrastructure Projects	\$100,000	\$7,000,000	435	5.30	1,687	5.80	7	3.10	3	2.39	3	0.95	8	2.96	7	0.88	0	0.00	0	0	0	0.00	0	0.00	No	0	1	22.38	381	22.38	386.00
052000119	5	Houston County Drainage Culvert Upgrades	Houston County	Develop a plan to expand/upgrade drainage culverts to prevent flooded roadways and add signage in low-water crossings.	Infrastructure Projects	\$25,000	\$3,000,000	17	2.76	16	2.48	0	0.00	7	3.48	7	1.37	20	3.93	117	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.79	489	16.79	490.00
052000120	5	Houston County Flood Infrastructure Maintenance	Houston County	Clear debris from bridges, box culverts, and drainage systems throughout unincorporated county.	Infrastructure Projects	\$121,000	\$2,000,000	17	2.76	16	2.48	0	0.00	7	3.48	7	1.37	20	3.93	117	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.79	489	16.79	490.00
052000121	5	City of Grapeland Critical Facilities Flood-Proofing	Houston County	Flood proof critical facilities to the 300-year flood that are located in flood-prone areas of the city. Implement program to routinely remove debris from drainage ways and roadside ditches to prevent back up of flood velocity and improve conveyance of stream during flood events.	Infrastructure Projects	\$100,000	\$1,000,000	17	2.76	16	2.48	0	0.00	7	3.48	7	1.37	20	3.93	117	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.79	489	16.79	490.00
052000122	5	City of Kennard Ditch Maintenance Program	Kennard	Implement program to routinely remove debris from drainage ways and roadside ditches to prevent back up of flood velocity and improve conveyance of stream during flood events.	Infrastructure Projects	\$50,000	\$1,000,000	17	2.76	16	2.48	0	0.00	7	3.48	7	1.37	20	3.93	117	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.79	489	16.79	490.00
052000123	5	Liberty County Drainage Projects	Liberty County	The county will work with partnering jurisdictions and engineers in order to implement drainage projects throughout the county—including adding ditches, detention ponds and detention basins in identified locations throughout the county.	Infrastructure Projects	\$200,000	\$2,000,000	116	4.27	143	4.04	1	1.03	0	0.00	0	0.00	7	2.82	1,526	2.60	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.76	518	15.76	520.00
052000124	5	City of Daisetta Culvert Maintenance and Upgrades	Daisetta	Removal of debris, silt and vegetation obstacles in drainage ways. Project will clear obstacles, mow and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding.	Infrastructure Projects	\$100,000	\$1,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.13	0	0.00	0	0	0	0.00	0	0.00	No	0	1	1.13	759	1.13	740.00
052000125	5	OCDD Flood Infrastructure Improvements	Orange County Drainage District	Support regional efforts to plan, design, and construct large scale flood control / storm surge protection improvements	Infrastructure Projects	\$200,000	\$3,000,000	5,007	7.22	11,929	7.20	36	5.02	20	4.85	20	1.92	136	5.97	346	2.12	0	0.00	0	0	0	0.00	0	0.00	No	0	1	35.30	100	35.30	110.00
052000126	5	Polk County Facilities Hazard Hardening Retrofit	Polk County	Activities may include but are not limited to: flood proofing, impact resistant windows, storm shutters, roof straps, structural bracing, low-flow plumbing fixtures, roll-up door reinforcement, grounding systems, and surge-protection.	Infrastructure Projects	\$200,000	\$1,500,000	84	4.01	368	4.72	0	0.00	8	3.65	8	1.44	17	3.76	62	1.56	0	0.00	0	0	0	0.00	0	0.00	No	0	1	20.15	433	20.15	435.00

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052000127	5	Polk County Flood Infrastructure Improvements	Polk County	Implement program to elevate and reinforce roadways and bridges prone to inundation from flooding. Projects may include general road elevation; upgrading culverts and installing headwalls; upgrades and reinforcement of bridges and bridge footings.	Infrastructure Projects	\$200,000	\$2,000,000	84	4.01	368	4.72	0	0.00	8	3.65	8	1.44	17	3.76	62	1.56	0	0.00	0	0	0	0.00	0	0.00	No	0	1	20.15	433	20.15	435.00
052000128	5	City of Henderson Flood Infrastructure Maintenance	Henderson	Establish a plan to conduct various flood control maintenance improvements throughout the City	Infrastructure Projects	\$50,000	\$1,000,000	37	3.37	97	3.76	0	0.00	0	0.00	0	0.00	2	1.54	5	0.76	0	0.00	0	0	0	0.00	0	0.00	No	0	1	10.43	607	10.43	606.00
052000129	5	San Augustine County Bridge Improvements	San Augustine County	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Infrastructure Projects	\$200,000	\$2,000,000	64	3.80	146	4.06	0	0.00	2	1.90	2	0.75	13	3.47	42	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.41	497	16.41	498.00
052000130	5	San Augustine County Culvert Upgrades	San Augustine County	Establish a plan to upgrade culverts in county extent. Actions can include but are not limited to: installing/upgrading culverts and headwalls; and enlarging storm water ditches and canals.	Infrastructure Projects	\$200,000	\$2,000,000	64	3.80	146	4.06	0	0.00	2	1.90	2	0.75	13	3.47	42	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.41	497	16.41	498.00
052000131	5	San Augustine County Facilities Hazard Hardening Retrofit	San Augustine County	Actions can include but are not limited to: installing window screens, storm shutters, window film reinforcements, roof straps, and flood proofing.	Infrastructure Projects	\$200,000	\$1,500,000	64	3.80	146	4.06	0	0.00	2	1.90	2	0.75	13	3.47	42	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.41	497	16.41	498.00
052000132	5	San Augustine County Detention and Retention Pond Construction	San Augustine County	Construct storm water detention/retention ponds at strategic locations for improved stormwater storage to hold storm water run-off and as a mitigation measure for drought and wildfire.	Infrastructure Projects	\$105,000	\$3,000,000	64	3.80	146	4.06	0	0.00	2	1.90	2	0.75	13	3.47	42	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	16.41	497	16.41	498.00
052000133	5	City of San Augustine and City of Broadus County Facilities Hazard Hardening Retrofit	San Augustine	Construct flood protection, winter storm-hardening, and expansive soils mitigation projects for water distribution networks and wastewater facilities for Cities of Broadus and San Augustine.	Infrastructure Projects	\$100,000	\$1,000,000	34	3.31	114	3.88	0	0.00	0	0.00	0	0.00	1	0.94	2	0.47	0	0.00	0	0	0	0.00	0	0.00	No	0	1	9.59	620	9.59	616.00
052000134	5	Shelby County Detention and Retention Pond Construction	Shelby County	Establish a plan and necessary standards to construct storm water detention/retention ponds at strategic locations for improved stormwater storage to hold storm water run-off and as a mitigation measure for drought and wildfire.	Infrastructure Projects	\$200,000	\$3,000,000	15	2.67	8	1.98	0	0.00	4	2.76	4	1.09	5	2.46	56	1.53	0	0.00	0	0	0	0.00	0	0.00	No	0	1	13.49	552	13.49	555.00
052000135	5	Shelby County Drainage Upgrades	Shelby County	Establish a plan to upgrade stormwater conveyance capacity via drainage improvement projects	Infrastructure Projects	\$200,000	\$2,000,000	15	2.67	8	1.98	0	0.00	4	2.76	4	1.09	5	2.46	56	1.53	0	0.00	0	0	0	0.00	0	0.00	No	0	1	13.49	552	13.49	555.00
052000136	5	Shelby County Facilities Hazard Hardening Retrofit	Shelby County	Establish a plan to storm-harden and/or retrofit existing and newly constructed critical facilities	Infrastructure Projects	\$200,000	\$2,000,000	15	2.67	8	1.98	0	0.00	4	2.76	4	1.09	5	2.46	56	1.53	0	0.00	0	0	0	0.00	0	0.00	No	0	1	13.49	552	13.49	555.00
052000137	5	Shelby County Roadway/Bridge Elevation	Shelby County	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Infrastructure Projects	\$200,000	\$2,000,000	15	2.67	8	1.98	0	0.00	4	2.76	4	1.09	5	2.46	56	1.53	0	0.00	0	0	0	0.00	0	0.00	No	0	1	13.49	552	13.49	555.00
052000138	5	City of Tyler Open Channel Improvements	Tyler	Implement a program to enclose open channels that are contributing to flooding. Priority locations are: 1) Ashmore subdivision between Ashmore and Salisbury and 2) Feishel Ave. between 6th and 8th Streets.	Infrastructure Projects	\$200,000	\$1,500,000	1,042	5.99	7,482	6.87	72	5.84	31	5.43	31	2.15	23	4.08	4	0.67	0	0.00	0	0	0	0.00	0	0.00	No	0	1	32.02	151	32.02	160.00
052000139	5	City of Whitehouse Drainage Capacity Upgrades	Whitehouse	Establish a plan to increase stormwater drainage capacity by completing a hydraulic study, evaluating historical water drainage, then constructing needed improvements.	Infrastructure Projects	\$100,000	\$1,000,000	33	3.28	98	3.77	0	0.00	2	1.90	2	0.75	1	0.94	2	0.40	0	0.00	0	0	0	0.00	0	0.00	No	0	1	12.04	578	12.04	575.00
052000140	5	Trinity County Flood Infrastructure Upgrades	Trinity County	Within the county, develop a plan to install/improve culverts and headwalls in addition to expanding stormwater ditches and canals	Infrastructure Projects	\$200,000	\$2,000,000	32	3.26	15	2.43	0	0.00	1	1.16	1	0.46	22	4.03	68	1.59	0	0.00	0	0	0	0.00	0	0.00	No	0	1	13.93	545	13.93	547.00
052000141	5	Trinity County Flood-prone Infrastructure Upgrades	Trinity County	Develop a program to upgrade flood infrastructure in the county. May include general roadway elevation upgrading culverts and installing headwalls; upgrades and reinforcement of bridges and bridge footings; etc.	Infrastructure Projects	\$200,000	\$2,000,000	32	3.26	15	2.43	0	0.00	1	1.16	1	0.46	22	4.03	68	1.59	0	0.00	0	0	0	0.00	0	0.00	No	0	1	13.93	545	13.93	547.00
052000142	5	City of Groveton Flood Infrastructure Upgrades	Groveton	Within the city, develop a plan to install/improve culverts and headwalls in addition to expanding stormwater ditches and canals	Infrastructure Projects	\$100,000	\$750,000	3	1.42	2	1.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	3.46	709	3.46	694.00

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052000143	5	Van Zandt County Drainage Capacity Upgrades	Van Zandt County	Establish a plan to increase Drainage Capacity, possible actions include installing French Drains, Building Elevation, and Upgrading Undersized Pipe under State Hwy for Water to Run into Creek.	Infrastructure Projects	\$200,000	\$2,000,000	217	4.76	233	4.39	0	0.00	0	0.00	0	0.00	13	3.47	232	1.99	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.61	521	15.61	523.00
052000144	5	Van Zandt County Flood Infrastructure Maintenance	Van Zandt County	Adopt and Implement a Program for Clearing Debris from Bridges, Drains and Culverts. Reduce damages caused by flooding by maintaining or restoring drainage capacity.	Infrastructure Projects	\$26,000	\$2,000,000	217	4.76	233	4.39	0	0.00	0	0.00	0	0.00	13	3.47	232	1.99	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.61	521	15.61	523.00
052000145	5	Van Zandt County Road Elevation	Van Zandt County	Develop a program to elevate roads and bridges including installing, upsizing culverts and headwalls, and bridge upgrades.	Infrastructure Projects	\$200,000	\$2,000,000	217	4.76	233	4.39	0	0.00	0	0.00	0	0.00	13	3.47	232	1.99	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.61	521	15.61	523.00
062000001	6	City of Bellaire Roadway and Drainage Improvements	Bellaire	Perform engineering services in support of the local drainage asset management planning, to repair or reconstruct antiquated local drainage and associated road infrastructure. Including design of storm sewers, roadways, and overland storage/conveyance.	Other	\$150,000	\$3,000,000	5,879	7.34	25,741	7.75	71	5.82	0	0.00	0	0.00	71	5.28	0	0.05	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.74	267	26.74	280.00
062000002	6	City of Bellaire Non-Structural Flood Risk Reduction Strategies	Bellaire	Conduct planning and outreach efforts to identify residents interested in buy-out, home elevation, or flood proofing programs, and develop plans or grant applications to support interested parties.	Other	\$2,500	\$50,000	5,879	7.34	25,741	7.75	71	5.82	0	0.00	0	0.00	71	5.28	0	0.05	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.74	267	26.74	280.00
062000003	6	City of Bellaire Drainage Requirements and Flood Damage Prevention Ordinance	Bellaire	Develop updates to Bellaire's residential and non-residential drainage requirements and the City's flood damage prevention ordinance, in alignment with Bellaire's broader flood risk management goals and objectives.	Other	\$2,500	\$50,000	5,879	7.34	25,741	7.75	71	5.82	0	0.00	0	0.00	71	5.28	0	0.05	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.74	267	26.74	280.00
062000004	6	City of Bellaire Surrounding Area Drainage Improvements	Bellaire	Partner with surrounding municipalities/governmental agencies to identify drainage improvements (conveyance or detention) which could minimize extreme event sheet flow entering into Bellaire.	Other	\$5,000	\$100,000	5,879	7.34	25,741	7.75	71	5.82	0	0.00	0	0.00	71	5.28	0	0.05	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.74	267	26.74	280.00
062000005	6	City of Bellaire Floodwater Public Awareness Initiatives	Bellaire	Periodically distribute messages to residents warning of dangers of walking or playing in floodwaters. Develop a plan with local schools to educate children to avoid walking, playing, or riding bicycles in floodwaters.	Education and Outreach	\$2,500	\$50,000	5,879	7.34	25,741	7.75	71	5.82	0	0.00	0	0.00	71	5.28	0	0.05	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.74	229	27.74	250.00
062000006	6	City of Bunker Hill Community Outreach	Bunker Hill Village	Community Outreach (flooded street identification, marking and signage) Minimize the risk of dam/levee failure and related damage to existing and proposed structures by monitoring the maintenance and inspection schedules.	Education and Outreach	\$5,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	1.50	758	1.50	739.00
062000007	6	City of Bunker Hill Dam/Levee Maintenance and Monitoring Plan	Bunker Hill Village	Utilizing the existing public outreach capability to develop, deploy, and disseminate targeted outreach projects promoting risk communication, mitigation and resilience to all the hazards of concern.	Other	\$25,000	\$500,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	0	0.00	771	0.00	748.00
062000008	6	Harris County Hazard Mitigation Action AW-3	Harris County	Strive to capture time-sensitive data such as high-water marks, extent and location of hazard, and loss information to support future updates to risk assessments as well as other plans and programs that utilize hazard extent data.	Education and Outreach	\$5,000	\$100,000	143,642	9.85	590,954	9.99	2,332	9.92	89	6.82	89	2.69	2,408	9.03	5,993	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	2	52.84	13	52.84	16.00
062000009	6	Harris County Hazard Mitigation Action AW-4	Harris County	Continue to develop, improve, and implement an enhanced mass public warning and alert system within the Harris County Joint Information Center to provide warning capability throughout Harris County to support the emergency management of all hazards.	Flood Measurement and Warning	\$15,000	\$300,000	143,642	9.85	590,954	9.99	2,332	9.92	89	6.82	89	2.69	2,408	9.03	5,993	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	3	53.84	10	53.84	13.00
062000010	6	Harris County Hazard Mitigation Action AW-5	Harris County	Utilize viable and relevant information, data and tools (Hazus models) developed as part of the update to the risk assessment of this plan update to support training and exercise of the County's preparedness, response and recovery programs.	Flood Measurement and Warning	\$5,000	\$100,000	143,642	9.85	590,954	9.99	2,332	9.92	89	6.82	89	2.69	2,408	9.03	5,993	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	3	53.84	10	53.84	13.00
062000011	6	Harris County Hazard Mitigation Action AW-6	Harris County	Utilize viable and relevant information, data and tools (Hazus models) developed as part of the update to the risk assessment of this plan update to support training and exercise of the County's preparedness, response and recovery programs.	Flood Measurement and Warning	\$25,000	\$500,000	143,642	9.85	590,954	9.99	2,332	9.92	89	6.82	89	2.69	2,408	9.03	5,993	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	3	53.84	10	53.84	13.00

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062000012	6	City of Alvin CRS Application	Alvin	Apply and once accepted maintain and/or improve CRS status. Cost is time, data and preparation of a CRS application. Benefits, if approved homeowner with flood insurance could receive a discount based on the City's CRS score.	Other	\$1,250	\$25,000	3,428	6.92	15,209	7.37	18	4.21	0	0.00	0	0.00	52	4.94	176	1.90	0	0.00	0	0	0	0.00	0	0.00	No	0	1	25.85	298	25.85	310.00
062000013	6	Brazoria County Increased Cost of Compliance Education	Brazoria County	Implement campaign on public education of ICC (Increased Cost of Compliance) coverage.	Education and Outreach	\$1,000	\$20,000	18,845	8.25	38,623	8.04	248	7.29	0	0.00	0	0.00	328	6.91	8,577	3.16	0	0.00	0	0	0	0.00	0	0.00	No	0	2	35.15	102	35.15	112.00
062000014	6	City of Galveston NFIP CRS Rating	Galveston	Maintain membership of the NFIP's CRS	Other	\$500	\$10,000	23,123	8.41	64,429	8.41	513	8.14	0	0.00	0	0.00	408	7.14	263	2.03	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.63	111	34.63	126.00
062000015	6	Develop Applicable Plans and Studies to Address Hazard Mitigation in Galveston County	Galveston County	Review planning needs annually to include, but not be limited to, CEMP, debris management, stormwater management, master plan, drainage, drought, GIS mapping, complete study to locate areas prone to expansive soils and land subsidence, etc.	Regulatory and Guidance	\$5,000	\$100,000	48,566	9.00	102,742	8.74	680	8.47	30	5.39	30	2.13	910	7.99	3,412	2.86	0	0.00	0	0	0	0.00	0	0.00	No	0	2	46.58	32	46.58	38.00
062000016	6	Waller County Elevation Certificate Requirement	Waller County	Require and maintain FEMA elevation certificates for all new/improved building in the special flood hazard area (SFHA).	Regulatory and Guidance	\$2,500	\$50,000	505	5.42	545	5.00	1	1.03	2	1.90	2	0.75	25	4.17	180	1.91	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.17	391	22.17	394.00
062000017	6	Develop Program to Optimize Operation of the Flood Gates at Second Cut Outlet in City of Kemah	Kemah	Develop program to integrate with the Harris County Flood Control District for the purpose of optimizing the operation of the flood gates at second cut outlet.	Regulatory and Guidance	\$5,000	\$100,000	560	5.50	2,792	6.16	7	3.10	0	0.00	0	0.00	13	3.47	1	0.18	0	0.00	0	0	0	0.00	0	0.00	No	0	2	20.42	425	20.42	427.00
062000018	6	Galveston County-wide Education and Outreach	Galveston County	Provide educational information related to preparedness, mitigation, response, and recovery to the public.	Education and Outreach	\$2,500	\$50,000	48,564	9.00	102,735	8.74	680	8.47	30	5.39	30	2.13	910	7.99	3,415	2.86	0	0.00	0	0	0	0.00	0	0.00	No	0	2	46.08	39	46.08	45.00
062000019	6	Public Information and Awareness in City of New Waverly	New Waverly	Rewrite, improve, and implement new local floodplain regulations, to include a public information campaign on regulatory awareness.	Education and Outreach	\$500	\$10,000	23	3.00	19	2.60	0	0.00	0	0.00	0	0.00	0	0.00	1	0.26	0	0.00	0	0	0	0.00	0	0.00	No	0	2	7.36	662	7.36	654.00
062000020	6	Promotion of Flood Insurance in City of Arcola	Arcola	Promote the purchase of flood insurance. Advertise the availability, cost, and coverage of flood insurance through the NFIP.	Education and Outreach	\$2,500	\$50,000	41	3.45	39	3.11	0	0.00	0	0.00	0	0.00	0	0.00	1	0.33	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.40	642	8.40	635.00
062000021	6	City of Todd Mission Public Outreach & Education	Todd Mission	Provide educational information related to preparedness, mitigation, response, and recovery to the public.	Education and Outreach	\$1,000	\$20,000	20	2.89	16	2.48	0	0.00	0	0.00	0	0.00	0	0.00	1	0.35	0	0.00	0	0	0	0.00	0	0.00	No	0	2	7.21	665	7.21	656.00
062000022	6	Increase Public Awareness of Hazards in City of Arcola	Arcola	Increase public awareness of hazards and hazardous areas. Distribute public awareness information regarding flood hazards.	Education and Outreach	\$2,500	\$50,000	41	3.45	39	3.11	0	0.00	0	0.00	0	0.00	0	0.00	1	0.33	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.40	642	8.40	635.00
062000023	6	Expand Development of Emergency Notification System in Liberty County	Liberty County	Expand development of emergency notification system/work to establish public awareness of emergency notification process.	Education and Outreach	\$500	\$10,000	3,617	6.96	3,575	6.94	8	3.26	7	3.48	7	1.37	144	6.03	1,379	2.57	0	0.00	0	0	0	0.00	0	0.00	No	0	2	31.51	162	31.51	173.00
062000025	6	Galveston County Stormproof/Retrofit Infrastructure	Galveston County	Stormproof/retrofit critical facilities and infrastructure for county-owned properties and unincorporated areas.	Infrastructure Projects	\$250,000	\$5,000,000	48,564	9.00	102,739	8.74	680	8.47	30	5.39	30	2.13	909	7.99	3,416	2.86	0	0.00	0	0	0	0.00	0	0.00	No	0	1	45.58	48	45.58	51.00
062000026	6	Implement Stormwater Management Plan in City of Bayou Vista	Bayou Vista	Implement stormwater management plan to improve drainage during flood and other weather events.	Regulatory and Guidance	\$1,250	\$25,000	1,121	6.04	1,476	5.71	3	2.14	0	0.00	0	0.00	8	2.96	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	18.84	451	18.84	455.00
062000027	6	Walker County Public Information and Awareness	Walker County	Purchase high water (flood) indicators for low water river crossing for county roads.	Flood Measurement and Warning	\$25,000	\$122,720	505	5.42	545	5.00	1	1.03	2	1.90	2	0.75	25	4.17	180	1.91	0	0.00	0	0	0	0.00	0	0.00	No	0	3	22.67	371	22.67	377.00
062000028	6	City of Bayou Vista Severe Weather Warning Systems	Bayou Vista	Purchase and install severe weather warning systems	Flood Measurement and Warning	\$1,750	\$35,000	1,121	6.04	1,476	5.71	3	2.14	0	0.00	0	0.00	8	2.96	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	3	19.34	443	19.34	447.00
062000029	6	Natural Infrastructure Project Barker Reservoir Headwater Acquisition and Restoration	Coastal Prairie Conservancy	Purchase and restore agricultural & natural lands at the headwater of Barker Reservoir. Manage land for agricultural use, restore native landscape like grasslands and wetlands, and enhance management practices. Provides natural flood mitigation benefits.	Property Acquisition and Structural Elevation	\$1,650,000	\$33,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	1.00	761	1.00	742.00
062000030	6	Natural Infrastructure Project Mound Creek Conservation	Coastal Prairie Conservancy	Purchase conservation easement from landowner to permanently conserve as agricultural/natural areas. KPC to ensure land remains undeveloped agricultural land and maintain conservation. Would provide multiple benefits such as flood mitigation, and more.	Property Acquisition and Structural Elevation	\$1,600,000	\$32,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	41	1.43	0	0.00	0	0	0	0.00	0	0.00	No	0	1	2.43	727	2.43	711.00

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06200031	6	Brazoria County Structure Elevation	Brazoria County	Elevate structures in flood zone. Over 70% of these structures are pre-firm and do not meet current FEMA elevation standards. FEMA estimates that over 400 structures may be substantially damaged and must be elevated to meet current standards.	Property Acquisition and Structural Elevation	\$3,000,000	\$60,000,000	18,848	8.25	38,626	8.04	248	7.29	0	0.00	0	0.00	328	6.91	8,584	3.16	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.65	109	34.65	124.00
06200032	6	Brazoria County Non-Structural Mitigation / Land Preservation	Brazoria County	Up to 35,000 acres of land could be purchased to help reduce the impacts of natural hazards by converting the space to floodwater storage, groundwater recharge, erosion, drought mitigation, in the form of public green space.	Property Acquisition and Structural Elevation	\$3,250,000	\$65,000,000	18,848	8.25	38,626	8.04	248	7.29	0	0.00	0	0.00	328	6.91	8,584	3.16	0	0.00	0	0	0	0.00	0	0.00	No	0	1	34.65	109	34.65	124.00
06200033	6	City of Bellaire Flood Rescue Plan	Bellaire	Develop a plan to address rescues from both one-story and two-story homes. This includes evacuating disabled/physically impaired/elderly individuals from homes in advance of anticipated extreme rainfall events.	Regulatory and Guidance	\$10,000	\$200,000	5,879	7.34	25,741	7.75	71	5.82	0	0.00	0	0.00	71	5.28	0	0.05	0	0.00	0	0	0	0.00	0	0.00	No	0	2	28.24	225	28.24	236.00
06200034	6	Brazoria County Dam and Levee Failure Outreach and Education Campaign	Brazoria County	Implement an outreach and education campaign to educate the public on mitigation techniques for dam and levee failure to reduce loss of life and property.	Education and Outreach	\$1,000	\$20,000	18,848	8.25	38,626	8.04	248	7.29	0	0.00	0	0.00	328	6.91	8,584	3.16	0	0.00	0	0	0	0.00	0	0.00	No	0	2	35.15	101	35.15	111.00
06200035	6	Amending Grimes County Floodplain Ordinance	Grimes County	Prohibit the building of any new structures located down-stream of high hazard dams by amending the floodplain ordinance.	Regulatory and Guidance	\$1,000	\$20,000	145	4.44	95	3.75	0	0.00	1	1.16	1	0.46	11	3.29	151	1.85	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.95	485	16.95	486.00
06200036	6	Grimes County Property Acquisition	Grimes County	Per NFIP participation, the acquisition of structures located in the 100-year flood plain and in dam inundation areas.	Property Acquisition and Structural Elevation	\$9,500	\$95,000	145	4.44	95	3.75	0	0.00	1	1.16	1	0.46	11	3.29	151	1.85	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.95	510	15.95	512.00
06200037	6	Property Acquisition Down-Stream of High Hazard Dams in Grimes County	Grimes County	Acquire homes located down-stream of high hazard dams.	Property Acquisition and Structural Elevation	\$100,000	\$1,000,000	145	4.44	95	3.75	0	0.00	1	1.16	1	0.46	11	3.29	151	1.85	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.95	510	15.95	512.00
06200039	6	City of Santa Fe Stormproof/retrofit New Critical Infrastructure	Santa Fe	New construction and existing critical facilities and infrastructure should include advanced mitigation techniques.	Regulatory and Guidance	\$250,000	\$5,000,000	400	5.24	748	5.22	1	1.03	9	3.81	9	1.50	4	2.23	12	1.03	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.07	394	22.07	397.00
06200040	6	Waller County Drainage System Maintenance	Waller County	Project will clear obstacles, widen and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding in all participating jurisdictions.	Infrastructure Projects	\$125,000	\$2,500,000	1,067	6.00	1,859	5.87	6	2.93	19	4.79	19	1.89	41	4.69	1,357	2.56	0	0.00	0	0	0	0.00	0	0.00	No	0	1	29.74	194	29.74	203.00
06200041	6	Waller County Flood Hazard Public Information Campaign	Waller County	Posting of signage at high profile locations and use of social media to communicate threats/concerns. Flood gauges for common flooded road crossings. Burn ban signs.	Education and Outreach	\$1,000	\$20,000	1,067	6.00	1,859	5.87	6	2.93	19	4.79	19	1.89	41	4.69	1,357	2.56	0	0.00	0	0	0	0.00	0	0.00	No	0	2	30.24	182	30.24	195.00
06200042	6	Waller County Freeboard Requirement Update	Waller County	The county may increase its freeboard requirement to 24-in from 18-in above the base flood elevation. County may require that all new lots within a platted subdivision be located fully outside of the floodplain. Applicable to all floodplain development.	Regulatory and Guidance	\$5,000	\$100,000	1,067	6.00	1,859	5.87	6	2.93	19	4.79	19	1.89	41	4.69	1,357	2.56	0	0.00	0	0	0	0.00	0	0.00	No	0	2	30.74	173	30.74	182.00
06200043	6	Install Outdoor Early warning System in Walker County	Walker County	Install Outdoor Early warning System to provide citizens early warning of an impending disaster, or an event that would affect the life and/or property of the citizens.	Education and Outreach	\$42,500	\$850,000	505	5.42	545	5.00	1	1.03	2	1.90	2	0.75	25	4.17	180	1.91	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.67	406	21.67	408.00
06200044	6	Walker County Public Hazard Information and Awareness Campaign	Walker County	The county and participating jurisdiction will create and implement an education campaign to educate the public on mitigation techniques for all hazards.	Education and Outreach	\$1,000	\$20,000	505	5.42	545	5.00	1	1.03	2	1.90	2	0.75	25	4.17	180	1.91	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.67	406	21.67	408.00
06200045	6	Retrofit and Harden the Emergency Operations Center Serving Walker County	Walker County	Retrofit and harden the Emergency Operations Center serving Walker county including city of Huntsville, New Waverly, and Riverside.	Education and Outreach	\$200,000	\$4,000,000	505	5.42	545	5.00	1	1.03	2	1.90	2	0.75	25	4.17	180	1.91	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.67	406	21.67	408.00
06200046	6	City of Cleveland Drainage Maintenance	Cleveland	Removal of debris, silt and vegetation obstacles in drainageways. Project will clear obstacles, mow and reshape ditches, and upgrade culverts to restore adequate drainage to mitigate flooding.	Infrastructure Projects	\$250,000	\$5,000,000	261	4.90	1,037	5.46	0	0.00	1	1.16	1	0.46	27	4.25	29	1.31	0	0.00	0	0	0	0.00	0	0.00	No	0	1	18.54	457	18.54	458.00
06200047	6	City of Hillcrest Village Land Acquisition	Hillcrest Village	Purchase additional land for retention pond construction to mitigate flooding in flood zones.	Property Acquisition and Structural Elevation	\$12,500	\$250,000	128	4.34	333	4.64	1	1.03	0	0.00	0	0.00	2	1.54	0	0.04	0	0.00	0	0	0	0.00	0	0.00	No	0	1	12.60	568	12.60	565.00

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06200048	6	City of Manvel Property Acquisition	Manvel	Acquire Repetitive Loss (RL) and Severe Repetitive Loss (SRL) properties in the 100-year flood plain, as identified by FEMA and NFIP.	Property Acquisition and Structural Elevation	\$170,000	\$1,700,000	1,250	6.13	6,741	6.79	8	3.26	0	0.00	0	0.00	43	4.74	179	1.91	0	0.00	0	0	0	0.00	0	0.00	No	0	1	23.83	336	23.83	350.00
06200049	6	City of Bellaire Flood Early Warning System	Bellaire	Develop Flood Early Warning System for the City of Bellaire to inform emergency responders and to assist residents in making safe decisions during major storm events.	Flood Measurement and Warning	\$7,500	\$150,000	5,879	7.34	25,741	7.75	71	5.82	0	0.00	0	0.00	71	5.28	0	0.05	0	0.00	0	0	0	0.00	0	0.00	No	0	3	28.74	215	28.74	231.00
06200050	6	City of Bayou Vista Management Practices for Securing Windblown Debris in Canals	Bayou Vista	Debris generated by many hazards if the level of intensity allows. Implement plan to remove debris throughout the canal system especially since Bayou Vista is a residential canal community.	Infrastructure Projects	\$5,000	\$100,000	1,122	6.04	1,476	5.71	3	2.14	0	0.00	0	0.00	8	2.96	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	17.84	465	17.84	468.00
06200051	6	Maintain Drainage Systems and Culverts in City of Friendswood	Friendswood	Clean & recut drainage ditches, complete work orders related to conveyance systems. Pursue sub-regional drainage improvements.	Infrastructure Projects	\$70,000	\$1,400,000	1,680	6.36	4,640	6.53	2	1.69	5	3.04	5	1.20	38	4.61	18	1.17	0	0.00	0	0	0	0.00	0	0.00	No	0	1	25.61	301	25.61	313.00
06200052	6	City of League City Property Acquisition and Relocation	League City	Buying and removing property from the floodplain will reduce long-term, repetitive flood loss. The open space created by the removal of insured property will facilitate drainage and allow for the creation of recreation areas.	Property Acquisition and Structural Elevation	\$30,000,000	\$300,000,000	5,251	7.25	13,675	7.30	25	4.59	2	1.90	2	0.75	105	5.69	1,308	2.55	0	0.00	0	0	0	0.00	0	0.00	No	0	1	31.04	172	31.04	180.00
06200053	6	City of Santa Fe - Harden Existing Critical Facilities and Infrastructure	Santa Fe	Harden existing critical facilities and infrastructure. Specifically City Hall, Maintenance Building, Library, and Community Center.	Infrastructure Projects	\$100,000	\$2,000,000	400	5.24	748	5.22	1	1.03	9	3.81	9	1.50	4	2.23	12	1.03	0	0.00	0	0	0	0.00	0	0.00	No	0	1	21.07	419	21.07	418.00
06200054	6	City of Santa Fe - Drainage System Maintenance	Santa Fe	Keep areas of concern free of unnecessary debris as needed. Implement and maintain tree, vegetation trimming/removal near, infrastructure, drainage systems and roadside areas.	Infrastructure Projects	\$250	\$5,000	400	5.24	748	5.22	1	1.03	9	3.81	9	1.50	4	2.23	12	1.03	0	0.00	0	0	0	0.00	0	0.00	No	0	1	21.07	419	21.07	418.00
06200055	6	Liberty County Floodplain Acquisition	Liberty County	Acquisition of property in the floodplain.	Property Acquisition and Structural Elevation	\$75,000	\$750,000	48,570	9.00	102,755	8.74	681	8.47	30	5.39	30	2.13	910	7.99	3,412	2.86	0	0.00	0	0	0	0.00	0	0.00	No	0	1	45.58	47	45.58	50.00
06200056	6	City of Galveston Floodplain Manager Increase	Galveston	Increase and maintain number of floodplain managers in the building division through training and certification.	Regulatory and Guidance	\$500	\$10,000	21,858	8.37	64,300	8.40	509	8.13	0	0.00	0	0.00	409	7.14	261	2.03	0	0.00	0	0	0	0.00	0	0.00	No	0	2	36.08	96	36.08	98.00
06200057	6	City of Galveston SRL and RL Property Mitigation	Galveston	Elevation, acquisition or other mitigation of identified Repetitive Loss and Severe Repetitive Loss properties and structures damaged by flooding.	Property Acquisition and Structural Elevation	\$8,000	\$80,000	21,858	8.37	64,300	8.40	509	8.13	0	0.00	0	0.00	409	7.14	261	2.03	0	0.00	0	0	0	0.00	0	0.00	No	0	1	35.08	104	35.08	118.00
06200058	6	City of Bunker Hill Village Non-Structural Mitigation Projects	Bunker Hill Village	Non-structural mitigation measure - buried powerlines, tree management and generators	Other	\$5,000	\$100,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	0.50	768	0.50	747.00
06200059	6	Hardening of Critical Facilities in City of Mission Todd	Todd Mission	Protecting critical facilities such as hospitals, fire stations, police stations and water treatment plants can help keep them operational during severe storms.	Infrastructure Projects	\$1,250	\$25,000	17	2.76	16	2.48	0	0.00	0	0.00	0	0.00	0	0.00	1	0.31	0	0.00	0	0	0	0.00	0	0.00	No	0	1	6.55	674	6.55	665.00
06200060	6	Harris County Mitigation Buyout and Relocation Program	Harris County	This program is designed to assist owners whose properties were damaged by a natural disaster and or in an area that is designated hopelessly deep in the floodplain and repeatedly flooded, to relocate outside the threat of flooding.	Property Acquisition and Structural Elevation	\$7,500,000	\$75,000,000	143,642	9.85	590,954	9.99	2,332	9.92	89	6.82	89	2.69	2,408	9.03	5,993	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	1	52.34	15	52.34	18.00
06200061	6	City of Alvin Full Time Floodplain Administrator	Alvin	Hire a full-time floodplain administrator who can support CRS application, NFIP, mapping and community floodplain support. A dedicated employee could help the community obtain CRS status and full time flood plain support.	Regulatory and Guidance	\$5,000	\$100,000	3,445	6.92	15,192	7.37	18	4.21	0	0.00	0	0.00	57	5.04	262	2.03	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.58	234	27.58	252.00
06200062	6	City of Pearland SRL and RL Property Acquisition	Pearland	Continue working with County and State officials to identify repetitive loss and severe repetitive loss properties, and pursue mitigation projects to reduce risk.	Property Acquisition and Structural Elevation	\$10,000	\$100,000	4,791	7.18	11,939	7.20	22	4.44	0	0.00	0	0.00	76	5.35	137	1.82	0	0.00	0	0	0	0.00	0	0.00	No	0	1	27.00	261	27.00	273.00
06200063	6	Harris County Wide Voluntary Buyout Program	Harris County Flood Control District	Targeted home buyouts to reduce flood damages in areas several feet deep in the floodplain where structural projects to reduce flooding are not cost-effective and/or beneficial.	Property Acquisition and Structural Elevation	\$50,000,000	\$500,000,000	143,642	9.85	590,954	9.99	2,332	9.92	89	6.82	89	2.69	2,408	9.03	5,993	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	1	52.34	15	52.34	18.00
06200064	6	Mitigate Repetitive Flood Claim & Severe Repetitive Loss Properties in Galveston County	Galveston County	Grant funding through HWGP may be used to mitigate RFL and SRL properties. Mitigation option will be implemented with property owners as funding and opportunities arise.	Property Acquisition and Structural Elevation	\$1,500,000	\$30,000,000	829	5.81	1,455	5.70	8	3.26	1	1.16	1	0.46	31	4.39	38	1.40	0	0.00	0	0	0	0.00	0	0.00	No	0	1	23.18	355	23.18	368.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
06200065	6	Liberty County Regional Coordination	Liberty County	Work with adjoining counties regarding flooding and drainage issues.	Other	\$25,000	\$500,000	3,619	6.96	3,576	6.34	8	3.26	7	3.48	7	1.37	144	6.03	1,379	2.57	0	0.00	0	0	0	0.00	0	0.00	No	0	1	30.51	177	30.51	187.00
06200066	6	Warren Ranch Preservation	Coastal Prairie Conservancy	Acquisition of remaining private interest stake in the 6,004-acre Warren Ranch for floodplain preservation and conservation. Place a conservation easement on the Ranch to conserve ag and natural habitat.	Property Acquisition and Structural Elevation	\$5,000,000	\$50,000,000	0	0.00	0	0.00	0	0.00	2	1.90	2	0.75	0	0.00	240	2.00	0	0.00	0	0	0	0.00	100	7.50	No	0	1	13.15	558	13.15	560.00
06200067	6	Cypress Creek Headwater Acquisition and PReservation	Coastal Prairie Conservancy	Acquisition and restoration of 1,074-acres of ag and natural lands at the headwaters of Cypress Creek.	Property Acquisition and Structural Elevation	\$1,800,000	\$18,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9	0.93	0	0.00	0	0	0	0.00	100	7.50	No	0	1	9.43	624	9.43	621.00
07200001	7	Bailey County NFIP Participation	Bailey County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	475	5.37	759	5.23	1	1.03	13	4.29	0	0.00	499	7.35	32,567	3.59	0	0.00	0	0	0	0.00	0	0.00	No	0	2	28.87	211	28.87	228.00
07200002	7	Borden County NFIP Participation	Borden County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	10	2.35	1	0.63	0	0.00	0	0.00	0	0.00	5	2.46	1,592	2.61	0	0.00	0	0	0	0.00	0	0.00	No	0	2	10.05	614	10.05	612.00
07200003	7	Callahan County NFIP Coordination Program	Callahan County	County NFIP Compliance program to coordinate and assist local jurisdictions with reviewing the NFIP components to ensure continued compliance. Install automated creek rain gauges and automated barriers for flooded road ways.	Regulatory and Guidance	\$25,000	\$25,000	81	3.99	86	3.68	0	0.00	12	4.18	0	0.00	56	5.02	3,074	2.83	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.70	404	21.70	406.00
07200004	7	City of Abilene Creek Gauge Program	Abilene	Encourage annual public outreach and education activities to improve awareness of flood hazards using Turn Around, Don't Drown program.	Education and Outreach	\$175,000	\$175,000	10,861	7.82	25,333	7.74	10	3.52	58	6.25	0	0.00	218	6.47	1,235	2.53	0	0.00	0	0	0	0.00	0	0.00	No	0	3	36.84	93	36.84	92.00
07200005	7	City of Abilene Turn Around, Don't Drown	Abilene	Encourage annual public outreach and education activities to improve awareness of flood hazards using Turn Around, Don't Drown program.	Education and Outreach	\$50,000	\$50,000	10,861	7.82	25,333	7.74	10	3.52	58	6.25	0	0.00	218	6.47	1,235	2.53	0	0.00	0	0	0	0.00	0	0.00	No	0	2	35.84	99	35.84	106.00
07200006	7	City of Amherst NFIP Participation	Amherst	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	13	2.55	6	1.78	0	0.00	0	0.00	0	0.00	3	1.94	14	1.08	0	0.00	0	0	0	0.00	0	0.00	No	0	2	9.35	626	9.35	622.00
07200007	7	City of Anson NFIP Cross Train Program	Anson	Cross-train Code Officers and Building Inspectors regarding permitting, inspection, and record-keeping requirements of the NFIP Program.	Regulatory and Guidance	\$25,000	\$25,000	53	3.65	349	4.68	0	0.00	0	0.00	0	0.00	3	1.94	12	1.03	0	0.00	0	0	0	0.00	0	0.00	No	0	2	13.30	556	13.30	559.00
07200008	7	City of Benjamin NFIP Participation	Benjamin	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	16	2.72	10	2.14	0	0.00	0	0.00	0	0.00	1	0.94	23	1.24	0	0.00	0	0	0	0.00	0	0.00	No	0	2	9.04	630	9.04	624.00
07200009	7	City of Bovina NFIP Participation	Bovina	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	3	1.42	1	0.63	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	4.05	703	4.05	688.00
07200010	7	City of Clyde Stream Restoration Program	Clyde	Implement stream restoration / channelization program to ensure adequate drainage / diversion of stormwater.	Infrastructure Projects	\$250,000	\$250,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	1.00	761	1.00	742.00
07200011	7	City of Dickens NFIP Participation	Dickens	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	42	3.47	19	2.60	1	1.03	0	0.00	0	0.00	2	1.54	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	10.64	603	10.64	601.00
07200012	7	City of Edmondson NFIP Participation	Edmondson	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.00	741	2.00	723.00
07200013	7	City of Goree NFIP Participation	Goree	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.94	20	1.20	0	0.00	0	0	0	0.00	0	0.00	No	0	2	4.14	701	4.14	686.00
07200014	7	City of Hale Center NFIP Participation	Hale Center	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	8	0.90	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.90	716	2.90	701.00
07200015	7	City of Jayton NFIP Participation	Jayton	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	1	0.68	1	0.63	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	3.32	713	3.32	698.00
07200016	7	City of Levelland Turn Around, Don't Drown	Levelland	Encourage annual public outreach and education activities to improve awareness of flood hazards using Turn Around, Don't Drown program.	Education and Outreach	\$50,000	\$50,000	1,277	6.15	4,738	6.54	5	2.72	0	0.00	0	0.00	46	4.81	718	2.36	0	0.00	0	0	0	0.00	0	0.00	No	0	2	24.07	328	24.07	339.00
07200017	7	City of Lubbock Turn Around, Don't Drown	Lubbock	Encourage annual public outreach and education activities to improve awareness of flood hazards using Turn Around, Don't Drown program.	Education and Outreach	\$50,000	\$50,000	4,959	7.21	17,988	7.49	9	3.40	28	5.30	0	0.00	170	6.21	4,138	2.92	0	0.00	0	0	0	0.00	0	0.00	No	0	2	34.03	128	34.03	139.00
07200018	7	City of Lueders NFIP Participation	Lueders	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.00	741	2.00	723.00
07200019	7	City of Moran NFIP Participation	Moran	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	18	2.81	16	2.48	0	0.00	0	0.00	0	0.00	1	0.94	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.22	649	8.22	641.00
07200020	7	City of Munday NFIP Participation	Munday	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	690	5.66	1,065	5.48	4	2.46	0	0.00	0	0.00	20	3.93	183	1.91	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.44	413	21.44	414.00
07200021	7	City of Petersburg NFIP Participation	Petersburg	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	2.00	741	2.00	723.00
07200022	7	City of Plainview Turn Around, Don't Drown	Plainview	Encourage annual public outreach and education activities to improve awareness of flood hazards using Turn Around, Don't Drown program.	Education and Outreach	\$50,000	\$50,000	980	5.94	2,836	6.17	0	0.00	2	1.90	0	0.00	31	4.39	726	2.36	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.27	387	22.27	392.00
07200023	7	City of Putnam NFIP Participation	Putnam	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	4	1.64	7	1.89	0	0.00	0	0.00	0	0.00	1	0.94	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	6.47	678	6.47	667.00
07200024	7	City of Ralls NFIP Participation	Ralls	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	15	2.67	93	3.73	0	0.00	0	0.00	0	0.00	4	2.23	0	0.07	0	0.00	0	0	0	0.00	0	0.00	No	0	2	10.70	602	10.70	600.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
072000025	7	City of Roby NFIP Participation	Roby	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	2.00	741	2.00	723.00
072000026	7	City of Ropesville NFIP Participation	Ropesville	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	12	2.49	13	2.33	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	6.82	672	6.82	663.00
072000027	7	City of Sweetwater Turn Around, Don't Drown	Sweetwater	Encourage annual public outreach and education activities to improve awareness of flood hazards using Turn Around, Don't Drown program.	Education and Outreach	\$50,000	\$50,000	8	2.17	4	1.50	0	0.00	4	2.76	0	0.00	2	1.54	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	9.46	622	9.46	619.00
072000028	7	City of Wehnert NFIP Participation	Wehnert	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	11	2.42	15	2.43	0	0.00	0	0.00	0	0.00	0	0.00	0	0.14	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	7.00	668	7.00	660.00
072000029	7	Crosby County NFIP Participation	Crosby County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	279	4.95	325	4.63	2	1.69	6	3.28	0	0.00	350	6.97	45,936	3.70	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	27.23	249	27.23	265.00
072000030	7	Dawson County NFIP Participation	Dawson County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	1.94	158	1.87	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	5.80	685	5.80	673.00
072000031	7	Fisher County NFIP Participation	Fisher County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	120	4.29	89	3.70	0	0.00	0	0.00	0	0.00	89	5.52	23,747	3.49	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	19.00	449	19.00	453.00
072000032	7	Floyd County NFIP Participation	Floyd County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	116	4.27	99	3.78	0	0.00	4	2.76	0	0.00	255	6.64	28,587	3.55	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	22.99	356	22.99	371.00
072000033	7	Garza County NFIP Participation	Garza County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	158	4.51	315	4.60	0	0.00	11	4.07	0	0.00	98	5.62	10,113	3.21	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	24.02	331	24.02	343.00
072000034	7	Haskell County NFIP Cross Train Program	Haskell County	Cross-train Code Officers and Building Inspectors regarding permitting, inspection, and record-keeping requirements of the NFIP Program.	Regulatory and Guidance	\$25,000	\$25,000	788	5.77	708	5.18	1	1.03	15	4.48	0	0.00	226	6.51	59,648	3.79	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	28.76	214	28.76	230.00
072000035	7	Jones County Tax Incentive Program	Jones County	Consider program of tax incentives for development of low-hazard land parcels.	Other	\$25,000	\$25,000	1,145	6.06	1,118	5.51	2	1.69	8	3.65	0	0.00	189	6.32	47,149	3.71	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	27.45	239	27.45	257.00
072000036	7	Kent County NFIP Cross Train Program	Kent County	Cross-train Code Officers and Building Inspectors regarding permitting, inspection, and record-keeping requirements of the NFIP Program.	Regulatory and Guidance	\$25,000	\$25,000	38	3.39	3	1.30	1	1.03	4	2.76	0	0.00	41	4.69	3,244	2.85	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	18.02	463	18.02	465.00
072000037	7	King County NFIP Participation	King County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	3	1.42	1	0.63	0	0.00	1	1.16	0	0.00	7	2.82	409	2.17	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	10.20	612	10.20	611.00
072000038	7	Knox County NFIP Participation	Knox County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	968	5.93	1,310	5.62	4	2.46	2	1.90	0	0.00	130	5.92	33,293	3.60	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	27.43	240	27.43	258.00
072000039	7	Scurry County NFIP Participation	Scurry County	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	13	2.55	23	2.74	0	0.00	6	3.28	0	0.00	18	3.82	6,805	3.09	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	17.47	470	17.47	472.00
072000040	7	Town of Aspermont NFIP Participation	Aspermont	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.94	2	0.47	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	3.41	710	3.41	695.00
072000041	7	Town of Impact NFIP Participation	Impact	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	18	2.81	24	2.77	0	0.00	0	0.00	0	0.00	1	0.94	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	8.51	641	8.51	631.00
072000042	7	Town of Lockney NFIP Participation	Lockney	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	7	2.07	7	1.89	0	0.00	0	0.00	0	0.00	3	1.94	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	7.90	655	7.90	646.00
072000043	7	Town of Rochester NFIP Participation	Rochester	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$75,000	\$75,000	27	3.13	26	2.82	0	0.00	0	0.00	0	0.00	1	0.94	5	0.72	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	9.61	619	9.61	615.00
072000044	7	Town of Smyer NFIP Participation	Smyer	Application to join NFIP or adoption of equivalent standards.	Regulatory and Guidance	\$50,000	\$50,000	6	1.95	11	2.21	0	0.00	0	0.00	0	0.00	1	0.94	9	0.95	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	8.05	651	8.05	643.00
072000045	7	Upper Brazos Building Codes Outreach Program	South Plains Association of Governments	Outreach Program: Encourage communities to adopt current building codes, adopt new construction codes for setting the minimum floor elevation	Education and Outreach	\$100,000	\$100,000	28,532	8.58	60,299	8.36	44	5.26	292	8.38	0	0.00	5,944	9.99	869,138	4.66	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	46.72	27	46.72	32.00
072000046	7	Upper Brazos Public Awareness Outreach Program	South Plains Association of Governments	Encourage annual public outreach and education activities to improve awareness of flood hazards, flood planning, and projects associated with emergency response associated with flooding.	Education and Outreach	\$100,000	\$100,000	28,532	8.58	60,299	8.36	44	5.26	292	8.38	0	0.00	5,944	9.99	869,138	4.66	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	46.72	27	46.72	32.00
072000047	7	Upper Brazos Industry Flood Losses Outreach Program	South Plains Association of Governments	Encourage best practices to reduce the vulnerability of agriculture, ranching, energy and forestry to flood-related losses through community outreach.	Education and Outreach	\$100,000	\$100,000	28,532	8.58	60,299	8.36	44	5.26	292	8.38	0	0.00	5,944	9.99	869,138	4.66	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	46.72	27	46.72	32.00
072000048	7	Upper Brazos Stormwater Maintenance Outreach Program	South Plains Association of Governments	Outreach Program: Encourage maintenance programs on storm water infrastructure, Dams, ditches, and channels.	Education and Outreach	\$100,000	\$100,000	28,532	8.58	60,299	8.36	44	5.26	292	8.38	0	0.00	5,944	9.99	869,138	4.66	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	46.72	27	46.72	32.00
072000049	7	Upper Brazos Warning System Outreach Program	South Plains Association of Governments	Basin wide Study Program: Reach out to proper authorities with jurisdiction to improve on Warning signs, lights, or systems.	Education and Outreach	\$100,000	\$100,000	28,532	8.58	60,299	8.36	44	5.26	292	8.38	0	0.00	5,944	9.99	869,138	4.66	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	46.72	27	46.72	32.00
072000050	7	John T. Montford Dam Rehab	Garza County, Lubbock County	Enhance lake capacity and harden dam structure. Placeholder for anticipated construction cost. Detailed costs following FME.	Infrastructure Projects	\$4,500,000	\$4,950,000	2	1.13	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	140	1.83	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	3.96	705	3.96	690.00
072000051	7	Fisher County Flood Protection Dam	Fisher County	Flood protection dams north of Rotan	Infrastructure Projects	\$75,000	\$75,000	40	3.43	39	3.11	0	0.00	0	0.00	0	0.00	13	3.47	2,686	2.78	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	13.80	547	13.80	550.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
07200052	7	South Lake Improvements Dam Hardening	Jones County	Dam hardening	Infrastructure Projects	\$50,000	\$50,000	11	2.42	4	1.50	0	0.00	0	0.00	0	0.00	8	2.96	1,525	2.60	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	10.48	606	10.48	605.00
07200053	7	South Lake Improvements Water Diversion	Jones County	Water diversion	Infrastructure Projects	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	1.00	761	1.00	742.00
07200054	7	Lake Benjamin Improvements	Knox County	Reinforcement of slopes and dam spillway	Infrastructure Projects	\$500,000	\$500,000	16	2.72	10	2.14	0	0.00	0	0.00	0	0.00	10	3.19	1,282	2.54	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	11.59	587	11.59	584.00
07200055	7	Lake Stamford Improvements	Haskell County	Expand spillway	Infrastructure Projects	\$400,000	\$400,000	181	4.62	146	4.06	0	0.00	0	0.00	0	0.00	5	2.46	1,009	2.47	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	14.60	537	14.60	538.00
07200056	7	McMillan Dam Warning System	Buffalo Springs, Ransom Canyon	Enhance and expand existing limited alert system equipment currently in place at McMillan Dam	Flood Measurement and Warning	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	3	2.50	723	2.50	708.00
07200057	7	Ransom Canyon Evacuation Route	Ransom Canyon	As part of the Village's Emergency Operations Plan, construct an alternate evacuation route for residents affected by McMillan Dam failure	Infrastructure Projects	\$500,000	\$500,000	53	3.65	131	3.98	0	0.00	1	1.16	0	0.00	1	0.94	5	0.73	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	11.46	593	11.46	590.00
07200058	7	City of Lubbock Traffic Signal Mitigation	Lubbock	Replace regulatory and warning traffic signs, install breakaway poles within the City limits, and install pavement markings at intersections and school zones to mitigate flood velocity damage during flooding events.	Infrastructure Projects	\$300,000	\$300,000	4,916	7.20	17,975	7.49	9	3.40	28	5.30	0	0.00	169	6.20	3,514	2.87	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	33.46	139	33.46	148.00
07200059	7	McMillan Dam High Risk Repairs	Lubbock County	Make repairs to McMillan Dam as identified as high risk by TCEQ to prevent failure.	Infrastructure Projects	\$58,000	\$58,000	3	1.42	5	1.65	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	4.08	702	4.08	687.00
07200060	7	Taylor County Gauge/Flood Barrier Program	Taylor County	Install automated creek rain gauges and automated barriers for flooded roadways.	Flood Measurement and Warning	\$150,000	\$150,000	11,167	7.84	25,896	7.75	11	3.63	72	6.54	0	0.00	245	6.59	7,516	3.12	0	0.00	0	0.00	0	0.00	0	0.00	No	0	3	37.98	86	37.98	86.00
07200061	7	Nolan County Warning System	Nolan County	Install county-wide outdoor warning sirens for any emergency of natural and/or man-made hazardous events. The warning sirens would be strategically placed in the following locations within the County: Cities of Sweetwater, Roscoe, Blackwell, Nolan, Mary	Flood Measurement and Warning	\$375,000	\$375,000	264	4.91	412	4.80	1	1.03	21	4.92	0	0.00	41	4.69	9,929	3.21	0	0.00	0	0.00	0	0.00	0	0.00	No	0	3	26.06	288	26.06	303.00
07200062	7	Buffalo Springs Lake Warning System	Buffalo Springs	Flood Warning signals - Sponsor With List.	Flood Measurement and Warning	\$50,000	\$50,000	228	4.80	285	4.53	0	0.00	1	1.16	0	0.00	8	2.96	1,195	2.52	0	0.00	0	0.00	0	0.00	0	0.00	No	0	3	18.47	458	18.47	459.00
07200063	7	Dredging Canyon Lakes	Lubbock	Dredging Canyon Lakes	Infrastructure Projects	\$250,000	\$2,750,000	75	3.93	70	3.53	0	0.00	16	4.56	0	0.00	9	3.08	59	1.55	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	17.64	469	17.64	471.00
07200064	7	City of Idalou Ordinance Updates	Idalou	Updates to the City Ordinance to assist with the acquisition, use, preservation, and continuance of plays and other natural resources within or influenced by the City	Regulatory and Guidance	\$50,000	\$50,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.01	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	2.01	740	2.01	722.00
08200059	8	Evaluation of Flood Control Projects Phase 2	Sugar Land	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	Other	\$500,000	\$500,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	0.50	768	#N/A	#N/A
08200071	8	Sugar Land MDP - Early Flood Warning System	Sugar Land	Engage regional partners in developing a flood warning system.	Flood Measurement and Warning	\$500,000	\$500,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	3	2.50	723	#N/A	#N/A
08200074	8	Sugar Land MDP - Regional Drainage & Drainage Entities	Sugar Land	Consider establishing a single regional drainage entity to manage all aspects of drainage.	Regulatory and Guidance	\$500,000	\$500,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	2	2.00	741	#N/A	#N/A
082000857	8	Project Brazos	Fort Bend County	Stabilization efforts for 11 identified locations along the Brazos River throughout Fort Bend County	Infrastructure Projects	\$100,000	\$360,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	50	3.75	No	0	1	4.75	694	#N/A	#N/A
082000928	8	City of Georgetown Lift Station Floodproofing	Georgetown	Flood proof city lift stations and manholes located in the SFHA.	Infrastructure Projects	\$500,000	\$500,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	1.00	761	#N/A	#N/A
082000933	8	City of Hutto Acquire Flood Prone Land	Hutto	Dedicate acquired, undeveloped land to open space areas to prevent development.	Other	\$1,000,000	\$1,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	100	7.50	No	0	1	8.00	652	#N/A	#N/A
082000938	8	City of Leander Automated Barriers	Leander	Install low water crossing automated barriers and warning signs.	Other	\$500,000	\$500,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	0.50	768	#N/A	#N/A
082001113	8	City of College Station Early Flood Warning System	College Station	Implement system to monitor flood waters, notify public officials of flooded roadways, and trigger automatic warnings for road users.	Flood Measurement and Warning	\$500,000	\$500,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	3	2.50	723	#N/A	#N/A
082001140	8	City of College Station Property Acquisition	College Station	Buyout program for structures located in flood hazard areas.	Property Acquisition and Structural Elevation	\$1,000,000	\$1,000,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	1.00	761	#N/A	#N/A
082001143	8	City of Waco Property Acquisition	Waco	Buyout program for structures located in flood hazard areas.	Property Acquisition and Structural Elevation	\$1,400,000	\$1,400,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	No	0	1	1.00	761	1.00	742.00
092000001	9	Andrews County DCM	Andrews County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	959	5.92	1,463	5.70	0	0.00	3	2.39	0	0.00	173	6.22	7,786	3.13	240	6.27	190	3	558	6.29	0	0.00	No	0	1	39.91	75	41.77	68.00
092000002	9	Midland County DCM	Andrews County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	8,432	7.62	23,038	7.67	22	4.44	28	5.30	0	0.00	290	6.77	8,189	3.15	2,108	8.47	1,415	5	9,394	8.82	0	0.00	No	0	1	57.41	4	59.21	5.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
09200003	9	Runnels County NFIP Application and compliance	Concho County	Join the NFIP. Examine local flood ordinance to ensure minimum NFIP standards are included for program compliance and to consider possible higher regulatory standards.	Other	\$5,000	\$30,000	164	4.54	178	4.20	0	0.00	18	4.72	0	0.00	125	5.88	39,197	3.65	41	4.47	10	2	62	4.32	0	0.00	No	0	1	34.03	126	35.99	103.00
09200004	9	Colorado City Ordinance Update SFHA regulation	Mitchell County	Increase freeboard requirements for permitting structures in the SFHA; Adopt no-rise in BFE	Other	\$5,000	\$30,000	143	4.43	353	4.69	2	1.69	1	1.16	0	0.00	10	3.19	38	1.40	36	4.34	23	2	109	4.83	0	0.00	No	0	1	28.48	219	30.30	192.00
09200006	9	Mitchell County DCM	Borden County	Incorporate higher standards for hazard resistance in local application of the building code.	Other	\$75,000	\$100,000	344	5.12	737	5.21	2	1.69	11	4.07	0	0.00	108	5.72	16,714	3.38	86	5.22	51	3	237	5.52	0	0.00	No	0	1	39.15	77	40.96	73.00
09200007	9	Scurry County Ordinance Update SFHA	Borden County	Increase freeboard requirements for structures in the SFHA; adopt a "no-rise" in BFE in the 100-year floodplain.	Other	\$75,000	\$100,000	606	5.56	1,754	5.83	1	1.03	10	3.94	0	0.00	76	5.35	11,693	3.26	152	5.80	81	3	537	6.26	0	0.00	No	0	1	40.52	70	42.27	63.00
09200008	9	Mitchell County Flood Insurance Policy Program	Borden County	Undertake an initiative to increase the number of flood insurance policies.	Other	\$5,000	\$30,000	344	5.12	737	5.21	2	1.69	11	4.07	0	0.00	108	5.72	16,714	3.38	86	5.22	51	3	237	5.52	0	0.00	No	0	1	39.15	77	40.96	73.00
09200009	9	Mitchell County Early Warning System	Borden County	Purchase and install a flood early warning system along flood-prone waterways in unincorporated areas of the county.	Other	\$5,000	\$30,000	344	5.12	737	5.21	2	1.69	11	4.07	0	0.00	108	5.72	16,714	3.38	86	5.22	51	3	237	5.52	0	0.00	No	0	1	39.15	77	40.96	73.00
09200010	9	Scurry County Stormwater Channel Maintenance Program	Borden County	Retain and maintain natural vegetation in stormwater channels	Other	\$5,000	\$30,000	606	5.56	1,754	5.83	1	1.03	10	3.94	0	0.00	76	5.35	11,693	3.26	152	5.80	81	3	537	6.26	25	1.88	No	0	1	42.40	64	42.27	63.00
09200011	9	Town of Luraine NFIP Application	Mitchell County	Join the NFIP.	Other	\$5,000	\$30,000	9	2.27	6	1.78	0	0.00	0	0.00	0	0.00	5	2.46	1	0.33	3	1.85	1	1	1	0.79	0	0.00	No	0	1	10.49	605	12.32	570.00
09200012	9	City of Blackwell NFIP Application	Coke County	Join the NFIP.	Other	\$5,000	\$30,000	2	1.13	14	2.38	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.89	0	0	3	1.63	0	0.00	No	0	1	6.54	675	8.41	632.00
09200013	9	City of Westbrook NFIP Application	Mitchell County	Join the NFIP.	Other	\$5,000	\$30,000	2	1.13	5	1.65	0	0.00	0	0.00	0	0.00	1	0.94	1	0.16	1	0.89	0	0	1	0.79	0	0.00	No	0	1	6.06	683	7.94	644.00
09200014	9	Borden County NFIP Application	Borden County	Application to join NFIP.	Other	\$5,000	\$30,000	69	3.86	20	2.64	0	0.00	2	1.90	0	0.00	26	4.21	10,470	3.23	17	3.58	2	1	5	2.07	0	0.00	No	0	1	22.83	360	24.72	326.00
09200015	9	Dawson County NFIP Application	Borden County	Application to join NFIP.	Other	\$5,000	\$30,000	474	5.37	710	5.19	0	0.00	9	3.81	0	0.00	538	7.43	76,213	3.87	119	5.55	2	1	205	5.39	0	0.00	No	0	1	37.96	87	39.86	79.00
09200016	9	Scurry County NFIP Application	Borden County	Application to join NFIP.	Other	\$5,000	\$30,000	606	5.56	1,754	5.83	1	1.03	10	3.94	0	0.00	76	5.35	11,693	3.26	152	5.80	81	3	537	6.26	0	0.00	No	0	1	40.52	70	42.27	63.00
09200017	9	Borden County DCM	Borden County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	69	3.86	20	2.64	0	0.00	2	1.90	0	0.00	26	4.21	10,470	3.23	18	3.64	2	1	5	2.07	0	0.00	No	0	1	22.88	358	24.78	322.00
09200018	9	Andrews County NFIP Application	Andrews County	Application to join the NFIP.	Other	\$5,000	\$30,000	959	5.92	1,463	5.70	0	0.00	3	2.39	0	0.00	173	6.22	7,786	3.13	240	6.27	190	3	558	6.29	0	0.00	No	0	1	39.91	75	41.77	68.00
09200019	9	City of Ackery NFIP Application	Dawson County	Application to join the NFIP.	Other	\$5,000	\$30,000	2	1.13	2	1.03	0	0.00	0	0.00	0	0.00	2	1.54	0	0.09	1	0.89	0	0	0	0.00	0	0.00	No	0	1	5.19	692	7.06	659.00
09200020	9	City of Andrews DCM	Andrews County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	286	4.97	833	5.30	0	0.00	0	0.00	0	0.00	18	3.82	4	0.65	72	5.04	52	3	312	5.77	0	0.00	No	0	1	28.77	213	30.69	183.00
09200021	9	City of Brownfield DCM	Terry County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	243	4.85	535	4.98	0	0.00	1	1.16	0	0.00	17	3.76	349	2.12	61	4.88	31	2	212	5.42	0	0.00	No	0	1	30.09	188	32.07	159.00
09200022	9	City of Lamesa DCM	Dawson County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	184	4.63	495	4.93	0	0.00	6	3.28	0	0.00	12	3.39	51	1.50	46	4.59	46	3	132	5.00	0	0.00	No	0	1	30.46	178	32.14	158.00
09200023	9	City of Colorado City DCM	Mitchell County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	143	4.43	353	4.69	2	1.69	1	1.16	0	0.00	10	3.19	38	1.40	36	4.34	23	2	109	4.83	0	0.00	No	0	1	28.48	219	30.30	192.00
09200024	9	City of Seminole DCM	Gaines County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	108	4.21	332	4.64	0	0.00	1	1.16	0	0.00	12	3.39	14	1.08	27	4.05	18	2	118	4.90	0	0.00	No	0	1	26.02	296	27.96	247.00
09200025	9	City of Snyder DCM	Scurry County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	447	5.32	1,634	5.78	1	1.03	3	2.39	0	0.00	21	3.98	60	1.55	112	5.49	66	3	486	6.17	0	0.00	No	0	1	35.09	103	36.83	93.00
09200026	9	City of O'Donnell NFIP Application	Dawson County	Application to join the NFIP.	Other	\$5,000	\$30,000	284	4.97	250	4.44	1	1.03	0	0.00	0	0.00	10	3.19	97	1.71	71	5.03	46	3	97	4.72	0	0.00	No	0	1	28.25	224	30.20	196.00
09200027	9	City of Wellman NFIP Application	Terry County	Application to join the NFIP.	Other	\$5,000	\$30,000	9	2.27	99	3.78	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	1.85	2	1	24	3.47	0	0.00	No	0	1	12.71	565	14.51	541.00
09200028	9	Dawson County DCM	Borden County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	474	5.37	710	5.19	0	0.00	9	3.81	0	0.00	538	7.43	76,213	3.87	119	5.55	2	1	205	5.39	0	0.00	No	0	1	37.96	87	39.86	79.00
09200029	9	Gaines County NFIP Application	Andrews County	Application to join the NFIP.	Other	\$5,000	\$30,000	1,890	6.45	2,679	6.13	1	1.03	5	3.04	0	0.00	434	7.20	145,295	4.06	473	6.96	203	4	996	6.81	0	0.00	No	0	1	45.73	43	47.57	27.00
09200030	9	Hockley County DCM	Lynn County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	44	3.51	851	5.31	3	2.14	2	1.90	0	0.00	42	4.72	1,351	2.56	11	3.14	4	1	216	5.44	0	0.00	No	0	1	30.44	180	32.22	157.00
09200031	9	Lynn County DCM	Borden County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	340	5.11	352	4.68	1	1.03	0	0.00	0	0.00	152	6.09	23,560	3.49	85	5.21	51	3	123	4.93	0	0.00	No	0	1	33.76	134	35.63	108.00
09200032	9	Martin County NFIP Application	Andrews County	Application to join the NFIP.	Other	\$5,000	\$30,000	902	5.87	2,015	5.93	3	2.14	5	3.04	0	0.00	229	6.52	55,702	3.77	226	6.21	112	3	728	6.53	0	0.00	No	0	1	43.68	54	45.53	52.00
09200033	9	Nolan County Ordinance Update SFHA	Scurry County	Adopt higher standards for new construction, increase freeboard requirements for structures in the SFHA; adopt a "no-rise" in BFE in the 100-year floodplain. Update local Road ordinance to prohibit granting of variance in SFHA; include "cumulative"	Other	\$75,000	\$100,000	90	4.07	23	2.74	0	0.00	5	3.04	0	0.00	21	3.98	3,888	2.90	23	3.89	4	1	7	2.37	0	0.00	No	0	1	24.71	318	26.64	286.00
09200034	9	Terry County DCM	Dawson County	Outreach Program: Discuss Stormwater Criteria Design Manual	Other	\$75,000	\$100,000	499	5.41	1,052	5.47	0	0.00	6	3.28	0	0.00	634	7.61	84,144	3.90	125	5.60	45	3	398	5.99	0	0.00	No	0	1	40.39	74	42.33	62.00
09200035	9	Yokum County NFIP Application	Gaines County	Application to join NFIP.	Other	\$5,000	\$30,000	543	5.48	799	5.27	0	0.00	2	1.90	0	0.00	292	6.78	63,671	3.81	136	5.69	65	3	328	5.81	0	0.00	No	0	1	38.10	84	40.07	77.00

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09200036	9	Taylor County Detention Program	Coleman County	Adopt on-site retention basin program in conjunction with development to address excessive stormwater / firefighting water source.	Other	\$75,000	\$100,000	70	3.87	46	3.23	0	0.00	10	3.94	0	0.00	18	3.82	3,493	2.87	18	3.64	12	2	11	2.77	25	1.88	No	0	1	28.38	222	28.21	237.00
09200037	9	Taylor County New Ordinance - Wetlands and Watershed Ordinance	Coleman County	Adopt wetlands development regulations; implement a Comprehensive Watershed Ordinance for new development.	Other	\$5,000	\$30,000	70	3.87	46	3.23	0	0.00	10	3.94	0	0.00	18	3.82	3,493	2.87	18	3.64	12	2	11	2.77	0	0.00	No	0	1	26.51	274	28.21	237.00
09200040	9	Tom Green County Flood Insurance Awareness	Menard County	Develop flood insurance and awareness program; disseminate materials with new permits and place in the library at City Hall.	Other	\$5,000	\$30,000	5,164	7.24	9,948	7.07	7	3.10	46	5.95	0	0.00	253	6.63	48,447	3.72	1,291	7.97	842	4	4,008	8.06	0	0.00	No	0	1	54.60	8	56.42	8.00
09200041	9	Cochran County Drainage Mainance	Hockley County	Create a maintenance program for the ditches and culverts throughout Cochran	Other	\$23,000	\$48,000	23	3.00	53	3.33	0	0.00	0	0.00	0	0.00	144	6.03	15,614	3.35	6	2.53	3	1	13	2.92	0	0.00	No	0	1	22.73	366	24.51	330.00
09200042	9	Cochran County Inundation Awareness	Hockley County	Develop programs for school students, civic groups, and the general public about the dangers of flash flooding in the county; to include printed materials placed throughout the county.	Other	\$5,000	\$30,000	23	3.00	53	3.33	0	0.00	0	0.00	0	0.00	144	6.03	15,614	3.35	6	2.53	3	1	13	2.92	0	0.00	No	0	1	22.73	366	24.51	330.00
09200043	9	Cochran County DCM	Hockley County	Develop programs for school students, civic groups, and the general public about the dangers of flash flooding in the county; to include printed materials placed throughout the county. Develop, Pass, and Enforce a Commissioners Court Order prohibiting any dumping in ditches and culverts throughout Cochran County to ensure that flood waters don't accumulate and flood roadways or buildings.	Other	\$75,000	\$100,000	23	3.00	53	3.33	0	0.00	0	0.00	0	0.00	144	6.03	15,614	3.35	6	2.53	3	1	13	2.92	0	0.00	No	0	1	22.73	366	24.51	330.00
09200044	9	Concho County CTP Program	Menard County	Develop Cooperating Technical Partners. The CTP Program is an innovative approach to creating partnerships between FEMA and participating NFIP communities.	Other	\$5,000	\$30,000	103	4.17	77	3.60	0	0.00	4	2.76	0	0.00	24	4.12	12,259	3.28	26	4.01	13	2	19	3.26	0	0.00	No	0	1	27.61	231	29.32	212.00
09200046	9	City of Colorado City	Mitchell County	Establish, adopt, and implement a "green infrastructure" program for parks, nature preserves, greenbelts, etc.	Other	\$5,000	\$30,000	143	4.43	353	4.69	2	1.69	1	1.16	0	0.00	10	3.19	42	1.43	36	4.34	23	2	109	4.83	25	1.88	No	0	1	30.39	181	30.33	190.00
09200047	9	City of Colorado City	Mitchell County	Provide how-to information to residents for install backflow valves to prevent reverse flow floods.	Other	\$5,000	\$30,000	143	4.43	353	4.69	2	1.69	1	1.16	0	0.00	10	3.19	42	1.43	36	4.34	23	2	109	4.83	0	0.00	No	0	1	28.51	218	30.33	190.00
09200049	9	Nolan County	Scurry County	Implement a program for clearing debris from drains, culverts and watershed streams for the purposes of flood reduction and to enhance water run-off throughout the County.	Other	\$5,000	\$30,000	90	4.07	23	2.74	0	0.00	5	3.04	0	0.00	21	3.98	3,888	2.90	23	3.88	4	1	7	2.37	10	0.75	No	0	1	25.46	304	26.64	288.00
09200050	9	City of Blackwell	Coke County	Establish, adopt and implement a "green infrastructure" program for parks, nature preserves, greenbelts, etc.	Other	\$5,000	\$30,000	2	1.13	14	2.38	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.89	0	0	3	1.63	10	0.75	No	0	1	7.29	664	8.41	633.00
09200051	9	City of Blackwell Debris Program	Coke County	Implement maintenance program for clearing debris from drains/culverts.	Other	\$35,000	\$60,000	9	2.27	14	2.38	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	1.85	0	0	3	1.63	0	0.00	No	0	1	8.62	637	10.50	603.00
09200053	9	Reagan County Sediment Cleanout Program	Reagan County	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Other	\$5,000	\$30,000	161	4.52	200	4.28	0	0.00	2	1.90	0	0.00	39	4.64	13,307	3.30	41	4.47	19	2	64	4.35	25	1.88	No	0	1	31.98	156	31.96	164.00
09200055	9	Taylor County	Runnels County	Establish, adopt, and implement a "green infrastructure" program for parks, nature preserve, greenbelts, etc.	Other	\$5,000	\$30,000	70	3.87	46	3.23	0	0.00	10	3.94	0	0.00	18	3.82	3,492	2.87	18	3.64	12	2	11	2.77	10	0.75	No	0	1	27.26	247	28.21	241.00
09200056	9	Taylor County	Runnels County	Create and implement a flood awareness program by providing FEMA/NFP materials to mortgage lenders, real agents and insurance agents and place in local libraries.	Other	\$5,000	\$30,000	70	3.87	46	3.23	0	0.00	10	3.94	0	0.00	18	3.82	3,492	2.87	18	3.64	12	2	11	2.77	0	0.00	No	0	1	26.51	276	28.21	241.00
09200057	9	Taylor County	Runnels County	Update FIS and FIRM maps once BLE is available.	Other	\$5,000	\$30,000	70	3.87	46	3.23	0	0.00	10	3.94	0	0.00	18	3.82	3,492	2.87	18	3.64	12	2	11	2.77	0	0.00	No	0	1	26.51	276	28.21	241.00
09200058	9	Taylor County Debris Clearing Program	Taylor County	Adopt and implement a program for clearing debris from bridges, drains and culverts.	Other	\$126,200	\$151,200	70	3.87	46	3.23	0	0.00	10	3.94	0	0.00	18	3.82	3,493	2.87	18	3.64	12	2	11	2.77	25	1.88	No	0	1	28.38	222	28.21	237.00
09200059	9	Taylor County Gauge/Flood Barrier Program	Taylor County	Install automated creek rain gauges and automated barriers for flooded roadways.	Other	\$126,200	\$151,200	70	3.87	46	3.23	0	0.00	10	3.94	0	0.00	18	3.82	3,493	2.87	18	3.64	12	2	11	2.77	0	0.00	No	0	1	26.51	274	28.21	237.00
09200060	9	Nolan County Warning Siren Program	Nolan County	Install county-wide outdoor warning sirens for any emergency of natural and/or man-made hazardous events. The warning sirens would be strategically placed in the following locations within the County: Cities of Sweetwater, Roscoe, Blackwell, Nolan, Maryn	Other	\$342,972	\$367,972	90	4.07	23	2.74	0	0.00	5	3.04	0	0.00	21	3.98	3,888	2.90	23	3.89	4	1	7	2.37	0	0.00	No	0	1	24.71	318	26.64	286.00
09200061	9	City of Odessa Rain Guage Program	Midland County	Install Rain gauges at eight (8) locations around city to collect data and improve warning system.	Other	\$5,000	\$30,000	6,774	7.45	25,984	7.76	10	3.52	26	5.20	0	0.00	167	6.19	46	1.46	1,694	8.25	1,370	5	10,384	8.91	0	0.00	No	0	1	53.88	9	55.67	10.00

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09200062	9	Cochran County Road Signs Program	Cochran County	Purchase trailer mounted dynamic road signs to warn motorists of a potential hazard or dangers on or near the roadway, which could be rapidly positioned by County personnel before, during or after an event.	Other	\$23,000	\$48,000	23	3.00	53	3.33	0	0.00	0	0.00	0	0.00	144	6.03	15,614	3.35	6	2.53	3	1	13	2.92	0	0.00	No	0	1	22.73	370	24.51	334.00
09200063	9	Coke County NFIP Application	Coke County	Application to join the NFIP	Other	\$75,000	\$100,000	245	4.85	124	3.94	0	0.00	14	4.39	0	0.00	55	5.00	5,435	3.01	62	4.89	26	2	43	3.99	0	0.00	No	0	1	32.90	146	34.80	122.00
09200064	9	Reagan County NFIP Application	Reagan County	Join the National Flood Insurance Program (NFIP).	Other	\$5,000	\$30,000	161	4.52	200	4.28	0	0.00	2	1.90	0	0.00	39	4.64	13,306	3.30	40	4.45	19	2	64	4.35	0	0.00	No	0	1	30.08	189	31.94	168.00
09200065	9	City of Robert Lee Flood Insurance Awareness Program	Coke County	Establish public awareness program regarding availability of flood insurance by disseminating brochures in public places, such as City Hall.	Other	\$5,000	\$30,000	42	3.47	37	3.07	0	0.00	0	0.00	0	0.00	2	1.54	1	0.31	11	3.14	8	2	9	2.59	0	0.00	No	0	1	16.26	504	18.02	464.00
09200066	9	Concho County Flood Awareness Program	Concho County	Establish education program regarding benefits of flood insurance as it pertains to elevating structures in the SFHA and in accordance with the local Floodplain Ordinance	Other	\$5,000	\$30,000	103	4.17	77	3.60	0	0.00	4	2.76	0	0.00	24	4.12	12,260	3.28	26	4.01	13	2	19	3.26	0	0.00	No	0	1	27.61	230	29.32	211.00
09200067	9	Crockett County Flood Warning System	Schleicher County	Enhance early warning system. Assist water district with rainfall observer. Educate community on dangers of low water crossings.	Other	\$5,000	\$30,000	9	2.27	99	3.78	0	0.00	0	0.00	0	0.00	1	0.94	5	0.77	3	1.85	2	1	24	3.47	0	0.00	No	0	1	14.42	540	16.21	505.00
09200068	9	Crockett County Flood Insurance Awareness Program	Schleicher County	Establish public awareness program regarding availability of flood insurance by disseminating brochures in public places, such as City Hall.	Other	\$5,000	\$30,000	9	2.27	99	3.78	0	0.00	0	0.00	0	0.00	1	0.94	5	0.77	3	1.85	2	1	24	3.47	0	0.00	No	0	1	14.42	540	16.21	505.00
09200069	9	City of Goldsmith TADD Program	Ector County	Promote Turn Around Don't Drown (TADD)	Other	\$5,000	\$30,000	9	2.27	99	3.78	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	1.85	2	1	24	3.47	0	0.00	No	0	1	12.71	565	14.51	541.00
09200071	9	City of Mertzton Local Ordinance Evaluation	Mertzton	Examine local flood ordinance to ensure minimum NFIP standards are included for program compliance and to consider possible higher regulatory standards.	Other	\$5,000	\$30,000	96	4.12	83	3.65	0	0.00	4	2.76	0	0.00	2	1.54	1	0.21	24	3.93	11	2	25	3.51	0	0.00	No	0	1	22.02	395	23.89	347.00
09200072	9	Irion County Flood Warning System	Irion County	Draft flood warning system	Other	\$5,000	\$30,000	354	5.14	235	4.40	0	0.00	8	3.65	0	0.00	48	4.86	2,458	2.76	89	5.26	26	2	72	4.45	0	0.00	No	0	1	33.34	141	35.15	114.00
09200073	9	Irion County Flood Insurance Education Program	Irion County	Establish education program regarding benefits of flood insurance as it pertains to elevating structures in the SFHA and in accordance with the local Floodplain Ordinance	Other	\$5,000	\$30,000	354	5.14	235	4.40	0	0.00	8	3.65	0	0.00	48	4.86	2,458	2.76	89	5.26	26	2	72	4.45	0	0.00	No	0	1	33.34	141	35.15	114.00
09200074	9	Irion County NFIP Compliance Evaluation	Irion County	Organize planning committee to review language of flood ordinance to ensure minimum NFIP compliance standards and develop higher regulatory standards for permitting in flood prone areas of the County.	Other	\$75,000	\$100,000	354	5.14	235	4.40	0	0.00	8	3.65	0	0.00	48	4.86	2,458	2.76	89	5.26	26	2	72	4.45	0	0.00	No	0	1	33.34	141	35.15	114.00
09200075	9	Irion County CTP Program	Irion County	Draft CTP program	Other	\$5,000	\$30,000	354	5.14	235	4.40	0	0.00	8	3.65	0	0.00	48	4.86	2,458	2.76	89	5.26	26	2	72	4.45	0	0.00	No	0	1	33.34	141	35.15	114.00
09200076	9	Lynn County Portable Pumps Program	Lynn County	This action proposes purchasing portable pumps that can be deployed as needed to mitigate the potential impacts of future flood events.	Other	\$225,000	\$250,000	340	5.11	352	4.68	1	1.03	0	0.00	0	0.00	152	6.09	23,560	3.49	85	5.21	51	3	123	4.93	0	0.00	No	0	1	33.76	135	35.63	109.00
09200077	9	City of Westbrook TADD Program	Mitchell County	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" (TADD) Program.	Other	\$5,000	\$30,000	9	2.27	99	3.78	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	1.85	2	1	24	3.47	0	0.00	No	0	1	12.71	565	14.51	541.00
09200078	9	Town of Loraine Flood Awareness Program	Mitchell County	Establish a public awareness program regarding availability of flood insurance by disseminating brochures in public places, such as City Hall.	Other	\$5,000	\$30,000	8	2.17	5	1.65	0	0.00	0	0.00	0	0.00	5	2.46	1	0.34	2	1.47	1	1	1	0.79	0	0.00	No	0	1	9.90	616	11.73	580.00
09200079	9	Nolan County Flood Awareness Program	Scurry County	Implement education and awareness program utilizing media, social media, bulletins, flyers, etc. to educate citizens of hazards that can threaten the area and mitigation measures to reduce injuries, fatalities, and property damages.	Other	\$5,000	\$30,000	90	4.07	23	2.74	0	0.00	5	3.04	0	0.00	21	3.98	3,888	2.90	23	3.88	4	1	7	2.37	0	0.00	No	0	1	24.71	320	26.64	288.00
09200080	9	City of Blackwell Flood Insurance Awareness Program	Coke County	Implement a public awareness program regarding availability of flood insurance.	Other	\$5,000	\$30,000	2	1.13	14	2.38	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.89	0	0	3	1.63	0	0.00	No	0	1	6.54	676	8.41	633.00
09200081	9	City of Big Lake Flood Warning System	Reagan County	Implement an education program to inform and notify residents of evacuation routes and dangers of driving into flooded roads and low-water crossings	Other	\$5,000	\$30,000	68	3.85	138	4.02	0	0.00	2	1.90	0	0.00	2	1.54	0	0.03	17	3.58	12	2	40	3.93	0	0.00	No	0	1	21.20	417	23.02	369.00
09200082	9	City of Big Lake CTP Program	Reagan County	Draft CTP program	Other	\$5,000	\$30,000	68	3.85	138	4.02	0	0.00	2	1.90	0	0.00	2	1.54	0	0.03	17	3.58	12	2	40	3.93	0	0.00	No	0	1	21.20	417	23.02	369.00
09200083	9	Reagan County Flood Awareness Program	Reagan County	Develop flood education and awareness program; disseminate materials with new permits and place in the library at City Hall	Other	\$5,000	\$30,000	161	4.52	200	4.28	0	0.00	2	1.90	0	0.00	39	4.64	13,307	3.30	41	4.47	19	2	64	4.35	0	0.00	No	0	1	30.10	185	31.96	164.00
09200084	9	Reagan County CTP Program	Reagan County	Draft CTP program	Other	\$5,000	\$30,000	161	4.52	200	4.28	0	0.00	2	1.90	0	0.00	39	4.64	13,307	3.30	41	4.47	19	2	64	4.35	0	0.00	No	0	1	30.10	185	31.96	164.00

Table with columns: FMS ID, Region Number, FMS Name, Sponsor, FMS Description, FMS Type, Non-Recurring Non-Capital Cost, Estimated Total Cost of Implementation, and various weighted risk metrics (Structure at Risk, ArcSinh Structure at Risk, Pop at Risk, etc.), Total Score (with ArcSinh normalization), Rank (with ArcSinh normalization), Pre RFI (OLD) Total Score, and Pre RFI (OLD) Rank.

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
122000001	12	Study the San Antonio River and its tributaries	Falls City	When the San Antonio River floods, the city is cutoff from the rest of the county (hospital and EMS) with islands lasting over a week. Install stream gauges and develop a study to identify solutions to flooding. SARA completed a study but County official	Regulatory and Guidance	\$250,000	\$250,000	37	3.37	53	3.33	0	0.00	0	0.00	21	1.94	1	0.94	28	1.30	0	0.00	0	0	0	0.00	0	0.00	No	0	2	12.89	561	12.89	562.00
122000002	12	San Antonio River drainage ownership study	Falls City	Develop ownership and access understanding parcels fronting the San Antonio River and major tributaries to have better agreements and access to areas that need flood control mitigation and erosion control	Education and Outreach	\$30,000	\$30,000	37	3.37	53	3.33	0	0.00	0	0.00	21	1.94	1	0.94	28	1.30	0	0.00	0	0	0	0.00	0	0.00	No	0	2	12.39	573	12.39	569.00
122000003	12	San Antonio River drainage ownership mapping	Karnes City	Develop ownership and access understanding parcels fronting the San Antonio River and major tributaries to have better agreements and access to areas that need flood control mitigation and erosion control	Education and Outreach	\$30,000	\$30,000	6	1.95	159	4.12	0	0.00	0	0.00	5	1.20	0	0.00	1	0.21	0	0.00	0	0	0	0.00	0	0.00	No	0	2	8.98	633	8.98	627.00
122000004	12	San Antonio River drainage ownership mapping	Kenedy	Develop ownership and access understanding parcels fronting the San Antonio River and major tributaries to have better agreements and access to areas that need flood control mitigation and erosion control	Education and Outreach	\$30,000	\$30,000	42	3.47	59	3.41	0	0.00	0	0.00	21	1.94	0	0.00	6	0.81	0	0.00	0	0	0	0.00	0	0.00	No	0	2	11.13	598	11.13	595.00
122000005	12	San Antonio River drainage ownership mapping	Runge	Develop ownership and access understanding parcels fronting the San Antonio River and major tributaries to have better agreements and access to areas that need flood control mitigation and erosion control	Education and Outreach	\$30,000	\$30,000	4	1.64	14	2.38	0	0.00	0	0.00	4	1.09	0	0.00	1	0.31	0	0.00	0	0	0	0.00	0	0.00	No	0	2	6.92	670	6.92	661.00
122000006	12	Strengthen floodplain management ordinances	Poth	Adopt higher floodplain standards for new development	Regulatory and Guidance	\$25,000	\$25,000	69	3.86	100	3.79	0	0.00	5	3.04	25	2.03	2	1.54	10	0.96	0	0.00	0	0	0	0.00	0	0.00	No	0	2	17.22	477	17.22	478.00
122000007	12	Education Signage	Poth	Install educational signage such as "Turn around don't drown" at high risk low water crossings.	Education and Outreach	\$5,000	\$5,000	69	3.86	100	3.79	0	0.00	5	3.04	25	2.03	2	1.54	10	0.96	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.72	494	16.72	495.00
122000008	12	Digital signage for communication	Poth	Coordinate with school district to use sign on US 181 for emergency info and safety directions during hazard events.	Education and Outreach	\$5,000	\$5,000	69	3.86	100	3.79	0	0.00	5	3.04	12	1.65	2	1.54	10	0.96	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.34	503	16.34	504.00
122000009	12	Early warning system education	Poth	Alert the population through education material, media and other methods about enrolling in the early warning system	Education and Outreach	\$5,000	\$5,000	69	3.86	100	3.79	0	0.00	5	3.04	25	2.03	2	1.54	10	0.96	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.72	494	16.72	495.00
122000010	12	Development of a Streamscaping Program for Flood Risk Management in Texas	San Antonio River Authority	Increase the number of public outreach and education activities to improve awareness of flood hazards and benefits of flood planning in the Flood Planning Region. Promote nature-based solution training	Education and Outreach	\$129,000	\$129,000	7,156	7.50	41,778	8.10	73	5.85	78	6.64	1,237	4.06	194	6.35	956	2.45	0	0.00	0	0	0	0.00	0	0.00	No	0	2	42.45	63	42.45	61.00
122000011	12	Automatic low water crossings and gauges	Kendall County	Add automatic low water crossings and gauges at various locations, providing real time flood information to the region. This would include development of a plan to identify locations, followed by installation.	Flood Measurement and Warning	\$100,000	\$100,000	628	5.59	1,812	5.85	5	2.72	21	4.92	147	2.96	12	3.39	43	1.44	0	0.00	0	0	0	0.00	0	0.00	No	0	3	29.36	200	29.36	210.00
122000012	12	Update flood information and policies	Kenedy	Identify and compile information on flood hazard areas and residential property in flood zones, establish and implement a volunteer acquisition / elevation program based on FEMA protocol in association with SARA studies, and review permitting process bas	Regulatory and Guidance	\$100,000	\$100,000	42	3.47	59	3.41	0	0.00	0	0.00	22	1.97	0	0.00	6	0.81	0	0.00	0	0	0	0.00	0	0.00	No	0	2	11.66	585	11.66	582.00
122000013	12	Shelter requirement for RV parks	Karnes County	Adapt and implement an ordinance to require RV Parks to provide shelter facilities.	Regulatory and Guidance	\$10,000	\$10,000	336	5.10	422	4.81	0	0.00	19	4.79	757	3.81	59	5.08	14,495	3.33	0	0.00	0	0	0	0.00	0	0.00	No	0	2	28.92	209	28.92	226.00
122000014	12	Public Education & Outreach	LaCoste	Create a program to educate the public about specific mitigation actions for flooding hazards	Education and Outreach	\$35,000	\$35,000	170	4.57	263	4.48	0	0.00	5	3.04	23	1.99	4	2.23	1	0.36	0	0.00	0	0	0	0.00	0	0.00	No	0	2	18.16	462	18.16	463.00
122000015	12	Public education and outreach	La Vernia	Implement public education and outreach programs to educate citizens about mitigation against (flood) hazards; seek partnership with county neighboring communities and San Antonio River Authority.	Education and Outreach	\$5,000	\$5,000	153	4.48	568	5.03	0	0.00	0	0.00	26	2.05	4	2.23	62	1.56	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.86	487	16.86	488.00
122000016	12	Citizen flood education outreach	Floresville	Educate citizens about mitigation strategies prior to any flood conditions, including dangers of debris flooding roads and how to best floodproof homes and businesses.	Education and Outreach	\$10,000	\$10,000	107	4.20	161	4.13	3	2.14	2	1.90	31	2.15	4	2.23	75	1.62	0	0.00	0	0	0	0.00	0	0.00	No	0	2	19.86	438	19.86	440.00
122000017	12	Updating floodplain ordinances and development code	La Vernia	Updating floodplain ordinances and development code.	Regulatory and Guidance	\$50,000	\$50,000	153	4.48	568	5.03	0	0.00	0	0.00	26	2.05	4	2.23	62	1.56	0	0.00	0	0	0	0.00	0	0.00	No	0	2	17.36	473	17.36	474.00
122000019	12	Conservation Easement Program	Medina County	Develop a Conservation Easement Program.	Regulatory and Guidance	\$50,000	\$50,000	362	5.16	444	4.85	1	1.03	25	5.15	292	3.31	15	3.62	2,208	2.72	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.85	227	27.85	248.00

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122000020	12	City of Floresville Floodplain Ordinance and Development Code Update	Floresville	Create a floodplain ordinance and update development code	Regulatory and Guidance	\$100,000	\$100,000	107	4.20	161	4.13	3	2.14	2	1.90	31	2.15	4	2.23	75	1.62	0	0.00	0	0	0	0.00	0	0.00	No	0	2	20.36	426	20.36	428.00
132000001	13	Education and Outreach Review and Adoption of Updated Building Codes	Hondo	Create a public outreach program to educate the community on the benefits of building code enforcement and flood hazard mitigation strategies. Also, coordinate regionally regarding flood early warning systems currently implemented in our region.	Education and Outreach	\$375,000	\$375,000	592	5.54	2,211	6.00	3	2.14	5	3.04	67	2.55	15	3.62	1,096	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	26.88	263	26.88	275.00
132000002	13	Subdivision Ordinance Revision	Hondo	Review and Adoption of Updated Building Codes	Regulatory and Guidance	\$100,000	\$100,000	592	5.54	2,211	6.00	3	2.14	5	3.04	67	2.55	15	3.62	1,096	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.38	244	27.38	261.00
132000003	13	Update City's Flood Hazard Mitigation Ordinance	Hondo	Create new Subdivision Ordinance and development standards to ensure the city is proactive in our regulatory practices and to ensure that the standards align with flood hazard mitigation strategies.	Regulatory and Guidance	\$100,000	\$100,000	592	5.54	2,211	6.00	3	2.14	5	3.04	67	2.55	15	3.62	1,096	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.38	244	27.38	261.00
132000004	13	Atascosa McMullen Hazard Mitigation Plan - Atascosa County Action #1	Atascosa County	Update the City's Flood Hazard Mitigation Ordinance to ensure proper regulation of NIP requirements and to implement higher standards of floodplain management.	Regulatory and Guidance	\$100,000	\$100,000	592	5.54	2,211	6.00	3	2.14	5	3.04	67	2.55	15	3.62	1,096	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.38	244	27.38	261.00
132000006	13	Atascosa McMullen Hazard Mitigation Plan - Atascosa County Action #5	Atascosa County	Place flood gauges upstream of flood-prone areas to alert citizens to quickly rising waters.	Flood Measurement and Warning	\$300,000	\$300,000	1,947	6.48	3,669	6.36	1	1.03	28	5.30	570	3.66	141	6.01	3,069	2.83	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.16	121	34.16	136.00
132000007	13	Atascosa McMullen Hazard Mitigation Plan - Atascosa County Action #12	Atascosa County	Inventory of all low water crossing in the county and develop a prioritize projects in a COP for upgrades or replacement.	Infrastructure Projects	\$60,000	\$60,000	1,947	6.48	3,669	6.36	1	1.03	28	5.30	570	3.66	141	6.01	3,069	2.83	0	0.00	0	0	0	0.00	0	0.00	No	0	1	32.66	148	32.66	153.00
132000009	13	Atascosa McMullen Hazard Mitigation Plan - City of Charlotte Action #7	Charlotte	Establish and implement a voluntary "acquisition and demo program" to address repetitive loss to floodprone properties.	Property Acquisition and Structural Elevation	\$600,000	\$600,000	1,947	6.48	3,669	6.36	1	1.03	28	5.30	570	3.66	141	6.01	3,069	2.83	0	0.00	0	0	0	0.00	0	0.00	No	0	1	32.66	148	32.66	153.00
132000011	13	Atascosa McMullen Hazard Mitigation Plan - City of Jourdan Action #3	Jourdan	The enforcement of the flood damage prevention ordinance	Regulatory and Guidance	\$75,000	\$75,000	3	1.42	4	1.50	0	0.00	0	0.00	10	1.56	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	6.48	677	6.48	666.00
132000014	13	Atascosa McMullen Hazard Mitigation Plan - City of Jourdan Action #6	Jourdan	Enforcement of flood damage prevention ordinance	Regulatory and Guidance	\$75,000	\$75,000	18	2.81	113	3.87	0	0.00	0	0.00	25	2.03	1	0.94	1	0.36	0	0.00	0	0	0	0.00	0	0.00	No	0	2	12.01	580	12.01	577.00
132000015	13	Atascosa McMullen Hazard Mitigation Plan - City of Jourdan Action #4	Jourdan	Install educational signage such as "turn around don't drown" at high risk low water crossings	Education and Outreach	\$25,000	\$25,000	18	2.81	113	3.87	0	0.00	0	0.00	25	2.03	1	0.94	1	0.36	0	0.00	0	0	0	0.00	0	0.00	No	0	2	11.51	588	11.51	585.00
132000016	13	Atascosa McMullen Hazard Mitigation Plan - City of Poteet Action #2	Poteet	Maintain Storm Drainage System	Infrastructure Projects	\$40,000	\$40,000	18	2.81	113	3.87	0	0.00	0	0.00	25	2.03	1	0.94	1	0.36	0	0.00	0	0	0	0.00	0	0.00	No	0	1	11.01	599	11.01	596.00
132000024	13	Atascosa McMullen Hazard Mitigation Plan - City of Alice & Jim Wells County Multi-Hazard Mitigation Plan - Create a Buyout Program for Repetitive Loss Properties	Alice	Increase local enforcement of the flood damage prevention ordinance by hiring a more full time staff	Regulatory and Guidance	\$530,000	\$530,000	259	4.90	471	4.89	0	0.00	0	0.00	35	2.21	5	2.46	1	0.23	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.69	496	16.69	497.00
132000027	13	City of Alice & Jim Wells County Multi-Hazard Mitigation Plan - Restrict development in high hazard areas (City of Alice)	Alice	This action will develop and implement a program to buyout repetitive loss properties to expand drainage systems.	Property Acquisition and Structural Elevation	\$5,000,000	\$5,000,000	893	5.87	6,681	6.79	8	3.26	4	2.76	296	3.32	19	3.87	132	1.81	0	0.00	0	0	0	0.00	0	0.00	No	0	1	28.67	216	28.67	233.00
132000028	13	City of Alice & Jim Wells County Multi-Hazard Mitigation Plan - Mandate Freeboard on Structures to Reduce Flooding Damage	Jim Wells County	The City of Alice will re-evaluate all existing floodplain construction restrictions to identify strengths and weaknesses and update.	Regulatory and Guidance	\$200,000	\$200,000	893	5.87	6,681	6.79	8	3.26	4	2.76	296	3.32	19	3.87	132	1.81	0	0.00	0	0	0	0.00	0	0.00	No	0	2	29.67	195	29.67	204.00
132000030	13	Jim Wells County Flood Warning System	Jim Wells County	Jim Wells County will re-evaluate all existing floodplain construction restrictions to identify strengths and weaknesses in order to produce a new ordinance, update its existing flood damage prevention ordinance, and / or update its zoning code.	Regulatory and Guidance	\$200,000	\$200,000	2,398	6.64	8,685	6.97	9	3.40	13	4.29	624	3.71	201	6.38	25,816	3.52	0	0.00	0	0	0	0.00	0	0.00	No	0	2	36.91	92	36.91	91.00
132000036	13	Citywide Stormwater System Inspection	Corpus Christi	A county wide flood warning system inspect the City's storm water infrastructure to determine needed repairs.	Flood Measurement and Warning	\$250,000	\$250,000	2,398	6.64	8,685	6.97	9	3.40	13	4.29	624	3.71	201	6.38	25,816	3.52	0	0.00	0	0	0	0.00	0	0.00	No	0	3	37.41	91	37.41	89.00
132000037	13	Flood Mitigation Public Education	Aransas County	Design and implement a program for public education. The program will educate citizens on methods of hazard mitigation and risk reduction. To be incorporated into Aransas County's floodplain management program as part of CRS.	Education and Outreach	\$50,000	\$50,000	18,577	8.24	61,330	8.37	114	6.37	0	0.00	2,089	4.34	375	7.05	3,908	2.91	0	0.00	0	0	0	0.00	0	0.00	No	0	1	37.78	90	37.78	88.00
132000038	13							3,334	6.90	4,790	6.55	4	2.46	0	0.00	548	3.64	103	5.67	571	2.28	0	0.00	0	0	0	0.00	0	0.00	No	0	2	29.00	206	29.00	223.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
132000039	13	Aransas County Wetlands Preservation Plan	Aransas County	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #4: Create a county-wide wetlands preservation plan.	Regulatory and Guidance	\$5,000,000	\$5,000,000	3,334	6.90	4,790	6.55	4	2.46	0	0.00	548	3.64	103	5.67	571	2.28	0	0.00	0	0	0	0.00	0	0.00	No	0	2	29.50	199	29.50	209.00
132000040	13	Aransas County Flood Warning System	Aransas County	The county needs flood warning systems throughout the region.	Flood Measurement and Warning	\$250,000	\$250,000	3,334	6.90	4,790	6.55	4	2.46	0	0.00	548	3.64	103	5.67	571	2.28	0	0.00	0	0	0	0.00	0	0.00	No	0	3	30.00	190	30.00	199.00
132000041	13	Bee County Emergency Warning System	Bee County, Beeville	COASTAL BEND MITIGATION ACTION PLAN - BE - 05: Emergency Warning and Public Information System, Bee County and the City of Beeville's capacity to communicate warnings and emergency information to residents is limited to a siren in Beeville's city limits.	Flood Measurement and Warning	\$250,000	\$250,000	1,617	6.33	6,275	6.74	27	4.68	34	5.55	399	3.47	113	5.77	10,463	3.22	0	0.00	0	0	0	0.00	0	0.00	No	0	3	38.28	83	38.28	85.00
132000042	13	San Patricio County Dam Failure Education Program	San Patricio County	San Patricio County Hazard Mitigation Action Plan - San Patricio County, Action #5: Develop and implement a dam failure hazard education program to provide information on the potential for dam failure and the areas at greatest risk.	Education and Outreach	\$50,000	\$50,000	5,577	7.30	10,683	7.12	23	4.50	13	4.29	913	3.90	288	6.77	30,917	3.58	0	0.00	0	0	0	0.00	0	0.00	No	0	2	38.95	80	38.95	82.00
132000043	13	Ingleside on the Bay Flood Mitigation Policy	Ingleside on the Bay	San Patricio County Hazard Mitigation Action Plan - City of Ingleside on the Bay, Action #11: Adopt ASFPM's "No Adverse Impact" policy to mitigate local flooding.	Regulatory and Guidance	\$100,000	\$100,000	157	4.50	232	4.39	0	0.00	0	0.00	20	1.92	2	1.54	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	2	14.35	543	14.35	546.00
132000044	13	Odem Flood Mitigation Policy	Odem	San Patricio County Hazard Mitigation Action Plan - City of Odem, Action #5: Adopt higher floodplain standards above the minimum requirements to provide additional flood protection to new development.	Regulatory and Guidance	\$100,000	\$100,000	137	4.40	293	4.55	0	0.00	0	0.00	18	1.86	3	1.94	38	1.41	0	0.00	0	0	0	0.00	0	0.00	No	0	2	16.16	506	16.16	509.00
132000045	13	Odem Flood Awareness Program	Odem	San Patricio County Hazard Mitigation Action Plan - City of Odem, Action #15: Implement a flood awareness program by providing FEMA/NFIP materials to mortgage lenders, real estate agents and insurance agents and place them in local libraries.	Education and Outreach	\$50,000	\$50,000	137	4.40	293	4.55	0	0.00	0	0.00	18	1.86	3	1.94	38	1.41	0	0.00	0	0	0	0.00	0	0.00	No	0	2	15.66	520	15.66	522.00
132000046	13	Portland Flood Mitigation Policy	Portland	San Patricio County Hazard Mitigation Action Plan - City of Portland, Action #4: Adopt higher floodplain standards above the minimum requirements to provide additional flood protection to new development.	Regulatory and Guidance	\$100,000	\$100,000	285	4.97	600	5.07	3	2.14	0	0.00	87	2.68	19	3.87	268	2.04	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.76	363	22.76	376.00
132000047	13	Sinton Flood Mitigation Policy	Sinton	San Patricio County Hazard Mitigation Action Plan - City of Sinton, Action #2: Adopt higher floodplain standards above the minimum requirements to provide additional flood protection to new development.	Regulatory and Guidance	\$100,000	\$100,000	762	5.74	2,145	5.98	2	1.69	0	0.00	87	2.68	15	3.62	69	1.60	0	0.00	0	0	0	0.00	0	0.00	No	0	2	23.31	349	23.31	362.00
132000048	13	Floodplain Management Training	Sinton	San Patricio County Hazard Mitigation Action Plan - City of Sinton, Action #14: Cross-train building inspectors in floodplain management requirements.	Education and Outreach	\$75,000	\$75,000	762	5.74	2,145	5.98	2	1.69	0	0.00	87	2.68	15	3.62	69	1.60	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.81	362	22.81	375.00
132000049	13	Taft Flood Awareness Program	Taft	San Patricio County Hazard Mitigation Action Plan - City of Taft, Action #11: Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" program.	Education and Outreach	\$25,000	\$25,000	89	4.06	180	4.21	0	0.00	0	0.00	34	2.19	2	1.54	99	1.72	0	0.00	0	0	0	0.00	0	0.00	No	0	2	15.21	528	15.21	530.00
132000050	13	Nueces Basin Minimum Flood Management Standards	Nueces River Authority	Promote minimum flood management standards) and identify and promote best practices to maintain drainage structures. Minimum flood management standards to require 1 ft above 100-year BFE or based on local ordinances, whichever is more stringent.	Regulatory and Guidance	\$100,000	\$100,000	60,967	9.17	136,543	8.94	445	7.97	526	9.15	7,400	4.99	3,215	9.34	251,437	4.26	0	0.00	0	0	0	0.00	0	0.00	No	0	2	55.83	5	55.83	9.00
132000051	13	Nueces Basin flood public information campaign	Nueces River Authority	Identify local, subregional workgroups aligned with flooding issues. Develop public information campaign templates with relevant flood-related communications.	Education and Outreach	\$100,000	\$100,000	60,967	9.17	136,543	8.94	445	7.97	526	9.15	7,400	4.99	3,215	9.34	251,437	4.26	0	0.00	0	0	0	0.00	0	0.00	No	0	2	55.33	6	55.33	11.00

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13200052	13	Shell Point Ranch Wetlands Protection	Texas Parks and Wildlife Department	Texas Coastal Resiliency Master Plan-R3-5: Acquisition of approx 400 acres of coastal habitats and the southernmost extents of mima mounds at Shell Point Ranch. The acquisition also would mitigate flooding and storm surge damage to the area.	Property Acquisition and Structural Elevation	\$100,000	\$5,100,000	1	0.69	1	0.63	0	0.00	0	0.00	0	0.00	1	0.94	5	0.72	0	0.00	0	0	0	0.00	0	0.00	No	0	1	3.98	704	3.98	689.00
13200053	13	Aransas County Coastal Erosion Response Plan	Aransas County	Aransas County Texas Multi-Jurisdictional Hazard Mitigation Action Plan - Action #9: Create an erosion response plan. New and existing buildings and infrastructure will benefit from coastal erosion protection	Other	\$2,650	\$2,650	3,334	6.90	4,790	6.55	4	2.46	0	0.00	546	3.64	103	5.67	571	2.28	0	0.00	0	0	0	0.00	0	0.00	No	0	1	28.00	226	28.00	244.00
13200054	13	Aransas County Educational Signage Program	Aransas County	Aransas County Multi-Jurisdictional Floodplain Management Plan - Action 3.1.e: Develop and install educational signage regarding flood safety to located along low areas of roadways likely to flood.	Education and Outreach	\$7,000	\$7,000	3,334	6.90	4,790	6.55	4	2.46	0	0.00	548	3.64	103	5.67	571	2.28	0	0.00	0	0	0	0.00	0	0.00	No	0	2	29.00	207	29.00	224.00
13200055	13	Aransas Pass Flood Mitigation Policy	Aransas Pass	Incorporate higher floodplain management standards into City of Aransas Pass comprehensive plan updates.	Regulatory and Guidance	\$81,000	\$81,000	914	5.88	2,022	5.93	0	0.00	0	0.00	138	2.92	32	4.43	5	0.73	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.90	400	21.90	402.00
13200056	13	Duval County Master Plan-Refine City of Freer Earthen Channel Maintenance Program	Duval County	Revamp maintenance program for clearing excess debris and vegetation from the earthen channel. Prioritize the cross drains on the upstream side of the earthen channel.	Other	\$40,000	\$40,000	37	3.37	46	3.23	0	0.00	0	0.00	9	1.50	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	8.61	639	8.61	630.00
13200057	13	Duval County Master Plan-Adopt and Enforce Design Standards and Ordinances in Freer	Duval County	Adopt and enforce design standards and ordinances for new construction projects. Separate design standards exclusively about drainage should be considered.	Regulatory and Guidance	\$100,000	\$100,000	259	4.90	343	4.67	0	0.00	0	0.00	38	2.25	5	2.46	10	0.98	0	0.00	0	0	0	0.00	0	0.00	No	0	2	17.26	476	17.26	477.00
13200058	13	Duval County Master Plan-Procure Easements for Drainage Infrastructure in Freer	Duval County	Significant structures in Freer's drainage system are on private property, and the city does not have an access or maintenance easement. Freer should procure easements to these locations so structures can be maintained without private party involvement.	Other	\$20,000	\$20,000	259	4.90	343	4.67	0	0.00	0	0.00	38	2.25	5	2.46	10	0.98	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.76	517	15.76	519.00
13200059	13	Duval County Master Plan-Clean and Maintain Drainage Infrastructure in San Diego	Duval County, Jim Wells County	Clear, clean, and maintain current stormwater drainage infrastructure such as curbs and gutters on roads, culverts, ditches, inlets, and outfalls into San Diego Creek.	Other	\$205,000	\$205,000	207	4.72	482	4.91	0	0.00	0	0.00	57	2.46	6	2.65	4	0.64	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.89	514	15.89	516.00
13200060	13	Duval County Master Plan-Adopt and Enforce Design Standards and Ordinances in San Diego	Duval County, Jim Wells County	Adopt and enforce design standards and ordinances for new construction projects. Separate design standards exclusively about drainage should be considered.	Regulatory and Guidance	\$100,000	\$100,000	210	4.73	489	4.92	0	0.00	0	0.00	57	2.46	6	2.65	1	0.24	0	0.00	0	0	0	0.00	0	0.00	No	0	2	17.01	484	17.01	485.00
15200001	15	Bayview Action #19	Bayview	Upgrade the Town's website to include local information on hazards, risks, mitigation, protective actions, and applicable ordinances	Flood Measurement and Warning	\$1,000	\$10,000	93	4.09	287	4.54	0	0.00	0	0.00	0	0.00	4	2.23	1,069	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	3	15.85	515	15.85	517.00
15200002	15	Bayview Action #7	Bayview	Agree and Adopt FEMA Flood Insurance Rate Maps	Regulatory and Guidance	\$1,000	\$1,000	93	4.09	287	4.54	0	0.00	0	0.00	0	0.00	4	2.23	1,069	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	15.35	525	15.35	527.00
15200003	15	Bayview Action #8	Bayview	Develop cooperative agreement with state and county to address flood risk to roadways leading in and out of town - outside of jurisdictional boundaries	Regulatory and Guidance	\$1,000	\$1,000	93	4.09	287	4.54	0	0.00	0	0.00	0	0.00	4	2.23	1,069	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	15.35	525	15.35	527.00
15200004	15	Bayview Action #9	Bayview	Participate in the National Flood Insurance Program	Regulatory and Guidance	\$1,000	\$1,000	93	4.09	287	4.54	0	0.00	0	0.00	0	0.00	4	2.23	1,069	2.49	0	0.00	0	0	0	0.00	0	0.00	No	0	2	15.35	525	15.35	527.00
15200005	15	Indian Lake Action #2	Indian Lake	Educate property owners about residential mitigation measures for all natural hazards such as the need to elevate structures, implementing residential mitigation measures, install retaining walls, and avoid building in high hazard areas	Education and Outreach	\$1,000	\$500	238	4.83	599	5.06	0	0.00	0	0.00	0	0.00	3	1.94	27	1.29	0	0.00	0	0	0	0.00	0	0.00	No	0	2	14.62	535	14.62	536.00
15200006	15	Brownsville PUB Action #8	Brownsville	Develop program to annually remove buildup of silt in area Reasacas that become cutoff from the river and contribute to flooding during severe flood or hurricane event	Regulatory and Guidance	\$1,000	\$20,000	38,734	8.82	157,388	9.04	12	3.73	0	0.00	0	0.00	618	7.58	16,276	3.37	0	0.00	0	0	0	0.00	0	0.00	No	0	2	34.54	113	34.54	128.00
15200007	15	City of Brownsville Action #2	Brownsville	Join the Community Rating System program to reduce risk and flood insurance premiums to residents	Regulatory and Guidance	\$1,000	\$100,000	38,734	8.82	157,388	9.04	12	3.73	0	0.00	0	0.00	618	7.58	16,276	3.37	0	0.00	0	0	0	0.00	0	0.00	No	0	2	34.54	113	34.54	128.00
15200008	15	Indian Lake Action #11	Indian Lake	Adopt revised floodplain ordinance to include model ordinance language and higher NFIP standards such as freeboard	Regulatory and Guidance	\$1,000	\$500	238	4.83	599	5.06	0	0.00	0	0.00	0	0.00	3	1.94	27	1.29	0	0.00	0	0	0	0.00	0	0.00	No	0	2	15.12	529	15.12	532.00
15200009	15	Indian Lake Action #9	Indian Lake	Prepare and advertise local evacuation plan and procedures	Education and Outreach	\$1,000	\$500	238	4.83	599	5.06	0	0.00	0	0.00	0	0.00	3	1.94	27	1.29	0	0.00	0	0	0	0.00	0	0.00	No	0	2	14.62	535	14.62	536.00

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152000010	15	Port Isabel Action #10	Port Isabel	Prepare local evacuation plan	Education and Outreach	\$1,000	\$500	1,736	6.39	5,912	6.70	1	1.03	0	0.00	0	0.00	25	4.17	86	1.67	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.45	412	21.45	413.00
152000011	15	Port Isabel Action #11	Port Isabel	Update floodplain management ordinances to include higher standards required to join the CRS program; join the CRS program upon adoption of ordinance	Regulatory and Guidance	\$1,000	\$500	1,736	6.39	5,912	6.70	1	1.03	0	0.00	0	0.00	25	4.17	86	1.67	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.95	397	21.95	398.00
152000012	15	Port Isabel Action #12	Port Isabel	Adopt NFP model ordinance with higher floodplain standards	Regulatory and Guidance	\$1,000	\$500	1,736	6.39	5,912	6.70	1	1.03	0	0.00	0	0.00	25	4.17	86	1.67	0	0.00	0	0	0	0.00	0	0.00	No	0	2	21.95	397	21.95	398.00
152000013	15	Port Isabel Action #21	Port Isabel	Develop a plan to use the internet and social media to warn citizens of disasters and extreme weather on a regular basis as well as how to prepare for such events and mitigate damages	Flood Measurement and Warning	\$1,000	\$500	1,736	6.39	5,912	6.70	1	1.03	0	0.00	0	0.00	25	4.17	86	1.67	0	0.00	0	0	0	0.00	0	0.00	No	0	3	22.45	379	22.45	384.00
152000014	15	Port Isabel Action #25	Port Isabel	Develop an early warning system for residents to notify of natural disasters	Flood Measurement and Warning	\$1,000	\$100,000	1,736	6.39	5,912	6.70	1	1.03	0	0.00	0	0.00	25	4.17	86	1.67	0	0.00	0	0	0	0.00	0	0.00	No	0	3	22.45	379	22.45	384.00
152000015	15	Primera Action #1	Primera	Amend subdivision ordinances to require retention or detention ponds in any new subdivision	Regulatory and Guidance	\$1,000	\$5,000	947	5.91	3,020	6.22	0	0.00	0	0.00	0	0.00	12	3.39	605	2.30	0	0.00	0	0	0	0.00	0	0.00	No	0	2	19.82	440	19.82	442.00
152000016	15	Primera Action #10	Primera	Adopt higher floodplain standards such as freeboard and cumulative substantial damage	Regulatory and Guidance	\$1,000	\$5,000	947	5.91	3,020	6.22	0	0.00	0	0.00	0	0.00	12	3.39	605	2.30	0	0.00	0	0	0	0.00	0	0.00	No	0	2	19.82	440	19.82	442.00
152000017	15	Primera Action #8	Primera	Develop an early warning system to new areas of the jurisdiction to alert residents of impending severe weather	Flood Measurement and Warning	\$1,000	\$75,000	947	5.91	3,020	6.22	0	0.00	0	0.00	0	0.00	12	3.39	605	2.30	0	0.00	0	0	0	0.00	0	0.00	No	0	3	20.32	429	20.32	431.00
152000018	15	Rancho Viejo Action #3	Rancho Viejo	Adopt the International Building Code (IBC) and International Residential Code (IRC), revise and update regulatory floodplain maps; adopt higher standards in floodplain ordinances including freeboard, no-rise in the floodplain, cumulative substantial dam	Regulatory and Guidance	\$1,000	\$5,000	633	5.60	1,980	5.92	0	0.00	0	0.00	0	0.00	10	3.19	228	1.99	0	0.00	0	0	0	0.00	0	0.00	No	0	2	18.69	456	18.69	457.00
152000019	15	Rancho Viejo Action #11	Rancho Viejo	Update website with maps and information including StormReady data and links; Mail educational brochures to residents in hazard-prone areas on mitigation measures to reduce damages	Education and Outreach	\$1,000	\$5,000	633	5.60	1,980	5.92	0	0.00	0	0.00	0	0.00	10	3.19	228	1.99	0	0.00	0	0	0	0.00	0	0.00	No	0	2	18.19	461	18.19	462.00
152000020	15	Rio Hondo Action #4	Rio Hondo	Adopt ASCE24-05 Flood Resistant Design and Construction to reduce flooding caused by Storm Surge	Regulatory and Guidance	\$1,000	\$2,000,000	874	5.85	3,926	6.41	0	0.00	0	0.00	0	0.00	15	3.62	399	2.17	0	0.00	0	0	0	0.00	0	0.00	No	0	2	20.04	437	20.04	439.00
152000021	15	San Benito Action #13	San Benito	Adopt higher standards into the flood damage prevention ordinance to limit floodplain development and provide higher protection to structures in the floodplain	Regulatory and Guidance	\$1,000	\$10,000	5,217	7.25	15,207	7.37	3	2.14	0	0.00	0	0.00	98	5.62	3,046	2.82	0	0.00	0	0	0	0.00	0	0.00	No	0	2	27.20	250	27.20	266.00
152000022	15	South Padre Island #13	South Padre Island	Adopt higher floodplain standards in local floodplain ordinance	Regulatory and Guidance	\$1,000	\$5,000	1,847	6.43	5,905	6.70	2	1.69	0	0.00	0	0.00	35	4.52	24	1.25	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.61	374	22.61	379.00
152000023	15	South Padre Island #3	South Padre Island	Adoption erosion control ordinance and prohibit development in high-hazard areas	Regulatory and Guidance	\$1,000	\$5,000	1,847	6.43	5,905	6.70	2	1.69	0	0.00	0	0.00	35	4.52	24	1.25	0	0.00	0	0	0	0.00	0	0.00	No	0	2	22.61	374	22.61	379.00
152000024	15	Alamo # 4-1.1	Alamo	Develop plan to create A Working Evacuation List For Emergency Situations. Prioritize Flood Prone Areas	Regulatory and Guidance	\$1,000	\$1,000	4,822	7.19	14,357	7.33	4	2.46	0	0.00	0	0.00	71	5.28	937	2.44	0	0.00	0	0	0	0.00	0	0.00	No	0	2	26.70	271	26.70	284.00
152000025	15	Alamo #5-1.1	Alamo	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	Flood Measurement and Warning	\$1,000	\$2,000	4,822	7.19	14,357	7.33	4	2.46	0	0.00	0	0.00	71	5.28	937	2.44	0	0.00	0	0	0	0.00	0	0.00	No	0	3	27.20	251	27.20	267.00
152000026	15	Edcouch #3-1.1	Edcouch	Complete Activities Required To Be A Nfip Participating Community	Regulatory and Guidance	\$1,000	\$5,000	953	5.92	3,652	6.36	0	0.00	0	0.00	0	0.00	16	3.69	168	1.89	0	0.00	0	0	0	0.00	0	0.00	No	0	2	19.85	439	19.85	441.00
152000027	15	Edcouch #5-1.1	Edcouch	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	Flood Measurement and Warning	\$1,000	\$2,000	953	5.92	3,652	6.36	0	0.00	0	0.00	0	0.00	16	3.69	168	1.89	0	0.00	0	0	0	0.00	0	0.00	No	0	3	20.35	427	20.35	429.00
152000028	15	Edcouch #7-1.1	Edcouch	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Flood Measurement and Warning	\$1,000	\$25,000	953	5.92	3,652	6.36	0	0.00	0	0.00	0	0.00	16	3.69	168	1.89	0	0.00	0	0	0	0.00	0	0.00	No	0	3	20.35	427	20.35	429.00
152000029	15	Edinburg #1-1.2	Edinburg	Develop a Reverse 9-1-1 System	Flood Measurement and Warning	\$1,000	\$250,000	16,985	8.17	89,221	8.64	15	3.99	1	1.16	0	0.00	287	6.76	5,997	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.27	115	34.27	130.00
152000030	15	Edinburg #7-1.1	Edinburg	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	Flood Measurement and Warning	\$1,000	\$1,000	16,985	8.17	89,221	8.64	15	3.99	1	1.16	0	0.00	287	6.76	5,997	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.27	115	34.27	130.00
152000031	15	Edinburg #9-1.2	Edinburg	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Flood Measurement and Warning	\$1,000	\$31,000	16,985	8.17	89,221	8.64	15	3.99	1	1.16	0	0.00	287	6.76	5,997	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.27	115	34.27	130.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
152000032	15	Hidalgo #5-1.1	Hidalgo	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents. Develop a An Inspection, Maintenance, And Enforcement Program To Ensure Continued Structural Integrity of Dams And Levees.	Education and Outreach	\$1,000	\$5,000	3,776	6.99	14,338	7.33	2	1.69	0	0.00	0	0.00	54	4.98	1,875	2.67	0	0.00	0	0	0	0.00	0	0.00	No	0	2	25.17	310	25.17	318.00
152000033	15	Hidalgo County #11-1.2	Hidalgo County		Regulatory and Guidance	\$1,000	\$10,000	167,224	9.96	569,558	9.96	62	5.66	16	4.56	0	0.00	3,065	9.28	338,729	4.35	0	0.00	0	0	0	0.00	0	0.00	No	0	2	45.78	42	45.78	46.00
152000034	15	Hidalgo County #12-1.1	Hidalgo County	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents. Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Flood Measurement and Warning	\$1,000	\$100,000	167,224	9.96	569,558	9.96	62	5.66	16	4.56	0	0.00	3,065	9.28	338,729	4.35	0	0.00	0	0	0	0.00	0	0.00	No	0	3	46.28	35	46.28	39.00
152000035	15	Hidalgo County #14-1.1	Hidalgo County		Flood Measurement and Warning	\$1,000	\$100,000	167,224	9.96	569,558	9.96	62	5.66	16	4.56	0	0.00	3,065	9.28	338,729	4.35	0	0.00	0	0	0	0.00	0	0.00	No	0	3	46.28	35	46.28	39.00
152000036	15	Hidalgo County #2-2.1	Hidalgo County	Incorporate Assessments of Hazards, Including Hurricane, Flood, Wild Land Fires, And Severe Storms, Into Site Selection And Design For New Buildings And When Siting Or Leasing County Facilities	Flood Measurement and Warning	\$1,000	\$25,000	167,224	9.96	569,558	9.96	62	5.66	16	4.56	0	0.00	3,065	9.28	338,729	4.35	0	0.00	0	0	0	0.00	0	0.00	No	0	3	46.28	35	46.28	39.00
152000037	15	Hidalgo County #3-1.2	Hidalgo County	Enhance The Appropriate Websites To Provide Convenient Access To Most Current Hazard Maps.	Education and Outreach	\$1,000	\$50,000	167,224	9.96	569,558	9.96	62	5.66	16	4.56	0	0.00	3,065	9.28	338,729	4.35	0	0.00	0	0	0	0.00	0	0.00	No	0	2	45.28	50	45.28	54.00
152000038	15	La Villa #6-1.1	La Villa	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents. Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Education and Outreach	\$1,000	\$1,000	509	5.43	1,881	5.88	2	1.69	0	0.00	0	0.00	7	2.82	118	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	2	19.09	447	19.09	451.00
152000039	15	La Villa #8-1.1	La Villa		Flood Measurement and Warning	\$1,000	\$31,000	509	5.43	1,881	5.88	2	1.69	0	0.00	0	0.00	7	2.82	118	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	3	20.09	436	20.09	438.00
152000040	15	McAllen #11-1.1	McAllen	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents. Develop Emergency Notification Awareness System For Traveling Public Via Transportation System In The Event of Severe Weather in McAllen	Flood Measurement and Warning	\$1,000	\$1,000	26,851	8.53	132,724	8.92	12	3.73	0	0.00	0	0.00	468	7.28	11,588	3.26	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.23	118	34.23	133.00
152000041	15	McAllen #1-2.1	McAllen	Develop a plan to provide A Means of Disseminating Emergency Information To The Citizens of McAllen	Flood Measurement and Warning	\$1,000	\$500,000	26,851	8.53	132,724	8.92	12	3.73	0	0.00	0	0.00	468	7.28	11,588	3.26	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.23	118	34.23	133.00
152000042	15	McAllen #1-2.1	McAllen		Flood Measurement and Warning	\$1,000	\$500,000	26,851	8.53	132,724	8.92	12	3.73	0	0.00	0	0.00	468	7.28	11,588	3.26	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.23	118	34.23	133.00
152000043	15	Mercedes #11-1.1	Mercedes	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Flood Measurement and Warning	\$1,000	\$25,000	4,021	7.04	13,565	7.29	1	1.03	0	0.00	0	0.00	77	5.36	2,752	2.79	0	0.00	0	0	0	0.00	0	0.00	No	0	3	26.03	295	26.03	308.00
152000044	15	Mercedes #9-1.1	Mercedes	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents. Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Other	\$1,000	\$1,000	4,021	7.04	13,565	7.29	1	1.03	0	0.00	0	0.00	77	5.36	2,752	2.79	0	0.00	0	0	0	0.00	0	0.00	No	0	1	24.03	330	24.03	341.00
152000045	15	Mission #1-1.1	Mission		Flood Measurement and Warning	\$1,000	\$31,000	19,515	8.28	63,919	8.40	6	2.93	0	0.00	0	0.00	301	6.81	6,278	3.06	0	0.00	0	0	0	0.00	0	0.00	No	0	3	31.98	154	31.98	162.00
152000046	15	Mission #7-1.1	Mission	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	Flood Measurement and Warning	\$1,000	\$8,500	19,515	8.28	63,919	8.40	6	2.93	0	0.00	0	0.00	301	6.81	6,278	3.06	0	0.00	0	0	0	0.00	0	0.00	No	0	3	31.98	154	31.98	162.00
152000047	15	Palmview #5-1.1	Palmview	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	Education and Outreach	\$1,000	\$1,000	3,774	6.99	11,496	7.17	4	2.46	0	0.00	0	0.00	55	5.00	507	2.24	0	0.00	0	0	0	0.00	0	0.00	No	0	2	25.38	308	25.38	316.00
152000048	15	Palmview #7-1.1	Palmview	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Flood Measurement and Warning	\$1,000	\$31,000	3,774	6.99	11,496	7.17	4	2.46	0	0.00	0	0.00	55	5.00	507	2.24	0	0.00	0	0	0	0.00	0	0.00	No	0	3	26.38	284	26.38	297.00
152000049	15	Pharr #10-1.1	Pharr	Develop Procedures For Mass Notifications To Citizens And Merchants During Natural Hazard Incident.	Flood Measurement and Warning	\$1,000	\$5,000	16,963	8.17	62,907	8.39	2	1.69	0	0.00	0	0.00	198	6.37	3,349	2.86	0	0.00	0	0	0	0.00	0	0.00	No	0	3	29.98	191	29.98	200.00
152000050	15	Pharr #8-1.1	Pharr	Develop a Program To Provide Links To Weather Alerts And Departmental Phone Listings With Contact Personnel For Residents.	Flood Measurement and Warning	\$1,000	\$1,000	16,963	8.17	62,907	8.39	2	1.69	0	0.00	0	0.00	198	6.37	3,349	2.86	0	0.00	0	0	0	0.00	0	0.00	No	0	3	29.98	191	29.98	200.00
152000051	15	Alamo # 4-1.2	Alamo	Develop a plan to Provide Traffic Control And Evacuation Assistance During Emergency Situations	Flood Measurement and Warning	\$1,000	\$10,000	4,822	7.19	14,357	7.33	4	2.46	0	0.00	0	0.00	71	5.28	937	2.44	0	0.00	0	0	0	0.00	0	0.00	No	0	3	27.20	251	27.20	267.00
152000052	15	Starr County Hazard Mitigation Plan Action #2	Starr County	Develop needs assessment to identify and fund improvements to flood proof critical facilities such as lift stations and treatment plants.	Infrastructure Projects	\$500,000	\$20,000,000	1	0.69	1	0.63	0	0.00	0	0.00	0	0.00	0	0.00	1	0.19	0	0.00	0	0	0	0.00	0	0.00	No	0	1	2.51	722	2.51	707.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
152000053	15	Starr County Hazard Mitigation Plan Action #6	Starr County	Building a shelter within a community to serve for flood situations in Rio Grande City.	Infrastructure Projects	\$500,000	\$10,000,000	97	4.13	377	4.73	0	0.00	11	4.07	0	0.00	1	0.94	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	14.87	531	14.87	534.00
152000054	15	Starr County Hazard Mitigation Plan Action #10	Starr County	Retrofit community center as shelter for flooding events. (Roma)	Infrastructure Projects	\$200,000	\$2,000,000	629	5.59	2,519	6.09	0	0.00	104	7.02	0	0.00	8	2.96	8	0.92	0	0.00	0	0	0	0.00	0	0.00	No	0	1	23.58	342	23.58	356.00
152000055	15	Starr County Hazard Mitigation Plan Action #19	Starr County	Develop maintenance schedule for creeks within jurisdiction	Regulatory and Guidance	\$50,000	\$50,000	1,233	6.12	5,035	6.58	0	0.00	371	8.70	0	0.00	33	4.46	2,352	2.74	0	0.00	0	0	0	0.00	0	0.00	No	0	2	30.60	176	30.60	186.00
152000056	15	City of Laguna Vista - Laguna Vista Establish/Join Drainage District	Laguna Vista	Develop strategy to secure funding to become/join drainage district	Other	\$50,000	\$100,000	1,162	6.07	2,130	5.97	0	0.00	60	6.30	0	0.00	14	3.55	17	1.15	0	0.00	0	0	0	0.00	0	0.00	No	0	1	23.53	345	23.53	359.00
152000057	15	Willacy County Drainage District - Re-negotiate El Sauz contractual agreement	Willacy County Drainage District 1	Re-negotiate agreement with El Sauz Ranch to facilitate more outfall volume	Other	\$25,000	\$500,000	5	1.81	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	13	1.05	0	0.00	0	0	0	0.00	0	0.00	No	0	1	3.36	711	3.36	696.00
152000058	15	Cameron County Drainage District No. 5 - Cameron County Levee Certification	Cameron County Drainage District 5	Coordinate with all on-going RFPs in Cameron County, provide a summary analysis for internal drainage and submit Levee Certification to FEMA. Utilize IBWC data for application. Manage review process and coordinate between County, IBWC, and FEMA.	Other	\$250,000	\$250,000	469	5.36	4,213	6.46	0	0.00	68	6.46	0	0.00	7	2.82	1	0.19	0	0.00	0	0	0	0.00	0	0.00	No	0	1	21.79	401	21.79	403.00
152000059	15	Sewer Manhole Rainguards	Hidalgo County	Installation of rainguards in existing manholes will keep rainwater from entering sewer collection system. Develop maintenance plan and identify funding strategy to acquire heavy equipment (dozer, long reach excavator) for ditch cleaning operations	Infrastructure Projects	\$50,000	\$200,000	3	1.42	20	2.64	0	0.00	4	2.76	0	0.00	0	0.00	0	0.00	0	0.00	0	0	0	0.00	0	0.00	No	0	1	7.82	656	7.82	647.00
152000060	15	City of Progreso - Progreso Storm Ditch improvement Equipment	Progreso	Develop Plan for funding for future drainage infrastructure	Other	\$50,000	\$50,000	248	4.86	811	5.28	0	0.00	46	5.95	0	0.00	4	2.23	31	1.34	0	0.00	0	0	0	0.00	0	0.00	No	0	1	20.16	432	20.16	434.00
152000061	15	City of Indian Lake - Indian Lake Drainage Infrastructure Funding Study	Indian Lake	Develop plan to fund and dredge lake to increase storage capacity	Other	\$25,000	\$250,000	207	4.72	535	4.98	0	0.00	3	2.39	0	0.00	3	1.94	24	1.26	0	0.00	0	0	0	0.00	0	0.00	No	0	1	15.79	516	15.79	518.00
152000062	15	Cameron County Drainage District No.1 - San Martin Lake dredging	Cameron County Drainage District 1	Develop plan to fund and dredge sediment from outfall in Bahia Grande (in Navigation dis/port of Brownsville)	Infrastructure Projects	\$120,000	\$1,200,000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	14	1.07	0	0.00	0	0	0	0.00	0	0.00	No	0	1	2.07	736	2.07	718.00
152000064	15	City of South Padre Island - SPI Sand Dune restoration/protection program	South Padre Island	Establish Beach Protection/replenishing program. Build up dunes to protect against tidal surge	Infrastructure Projects	\$120,000	\$720,000	1,189	6.09	3,379	6.30	0	0.00	126	7.27	0	0.00	18	3.82	17	1.14	0	0.00	0	0	0	0.00	0	0.00	No	0	1	25.62	300	25.62	312.00
152000065	15	Willacy County Drainage District No.1 - WCCDD1 pump station improvements	Willacy County Drainage District 1	Perform assessment of pump station to make it flood proof and resilient.	Infrastructure Projects	\$80,000	\$500,000	808	5.79	2,189	5.99	0	0.00	99	6.96	0	0.00	22	4.03	1,987	2.69	0	0.00	0	0	0	0.00	0	0.00	No	0	1	26.45	282	26.45	295.00
152000066	15	City of Harlingen - Flood Warning System, planning, operation & maintenance	Harlingen	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	17,519	8.20	73,788	8.50	14	3.91	0	0.00	0	0.00	327	6.90	6,830	3.09	0	0.00	0	0	0	0.00	0	0.00	No	0	3	33.10	145	33.10	152.00
152000067	15	City of Edinburg - Flood Warning System, planning, operation & maintenance	Edinburg	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	16,984	8.17	89,218	8.64	13	3.83	1	1.16	0	0.00	287	6.76	5,997	3.04	0	0.00	0	0	0	0.00	0	0.00	No	0	3	34.11	122	34.11	137.00
152000068	15	City of La Villa - planning, operation & maintenance	La Villa	Develop and Implement a planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	508	5.42	1,880	5.88	2	1.69	0	0.00	0	0.00	7	2.82	118	1.77	0	0.00	0	0	0	0.00	0	0.00	No	0	3	20.09	435	20.09	437.00
152000069	15	City of Mission - planning, operation & maintenance	Mission	Develop and Implement a planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	19,516	8.28	63,925	8.40	6	2.93	0	0.00	0	0.00	301	6.81	6,278	3.06	0	0.00	0	0	0	0.00	0	0.00	No	0	3	31.98	153	31.98	161.00
152000070	15	City of Primera - planning, operation & maintenance	Primera	Develop and Implement a planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	945	5.91	3,019	6.22	0	0.00	0	0.00	0	0.00	12	3.39	604	2.30	0	0.00	0	0	0	0.00	0	0.00	No	0	3	20.32	430	20.32	432.00
152000071	15	City of La Feria - Flood Warning System, planning, operation & maintenance	La Feria	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	1,411	6.22	3,148	6.25	0	0.00	0	0.00	0	0.00	28	4.29	703	2.35	0	0.00	0	0	0	0.00	0	0.00	No	0	3	21.61	410	21.61	411.00
152000072	15	City of La Joya - Flood Warning System, planning, operation & maintenance	La Joya	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	210	4.73	503	4.94	0	0.00	0	0.00	0	0.00	5	2.46	359	2.13	0	0.00	0	0	0	0.00	0	0.00	No	0	3	16.76	493	16.76	494.00
152000073	15	City of Los Fresnos - Flood Warning System, planning, operation & maintenance	Los Fresnos	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	1,659	6.35	7,463	6.87	3	2.14	0	0.00	4	1.09	27	4.25	567	2.28	0	0.00	0	0	0	0.00	0	0.00	No	0	3	25.47	303	25.47	315.00
152000074	15	City of Mercedes - Planning, operation & maintenance	Mercedes	Develop and Implement a planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	4,021	7.04	13,568	7.29	1	1.03	0	0.00	0	0.00	77	5.36	2,751	2.79	0	0.00	0	0	0	0.00	0	0.00	No	0	3	26.03	294	26.03	307.00
152000075	15	City of Palmhurst - Flood Warning System, planning, operation & maintenance	Palmhurst	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	246	4.86	879	5.34	0	0.00	0	0.00	0	0.00	4	2.23	457	2.21	0	0.00	0	0	0	0.00	0	0.00	No	0	3	17.13	483	17.13	484.00
152000076	15	City of Palmview - Planning, operation & maintenance	Palmview	Develop and Implement a planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	3,778	7.00	11,495	7.17	4	2.46	0	0.00	0	0.00	55	5.00	507	2.24	0	0.00	0	0	0	0.00	0	0.00	No	0	3	26.38	283	26.38	296.00
152000077	15	City of San Benito - Flood Warning System, planning, operation & maintenance	San Benito	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	5,217	7.25	15,210	7.37	3	2.14	0	0.00	50	2.39	99	5.63	3,047	2.83	0	0.00	0	0	0	0.00	0	0.00	No	0	3	30.11	184	30.11	198.00

FMS ID	Region Number	FMS Name	Sponsor	FMS Description	FMS Type	Non-Recurring Non-Capital Cost	Estimated Total Cost of Implementation	Structure at Risk Raw	ArcSinh (Weighted) Structure at Risk	Pop at Risk Raw	ArcSinh (Weighted) Pop at Risk	Critical Facilities Raw	ArcSinh (Weighted) Critical Facilities	LWC Raw	ArcSinh (Weighted) LWC	Road Closures Raw	ArcSinh (Weighted) Road Closures	Road Miles Raw	ArcSinh (Weighted) Road Miles	Ag Land Raw	ArcSinh (Weighted) Ag Land	Structures Removed Raw	ArcSinh (Weighted) Structures Removed	Residential Structures Removed Raw	ArcSinh (Weighted) Residential Structures Removed	Removed Pop Raw	ArcSinh (Weighted) Removed Pop	% NBS Raw	% NBS Score (Normalized)	Water Supply Raw	Water Supply Score (Normalized)	FMS_Type Score Weighted	Total Score (with ArcSinh normalization of select criteria)	Rank (with ArcSinh normalization of select criteria)	Pre RFI (OLD) Total Score	Pre RFI (OLD) Rank
152000078	15	City of San Juan - Flood Warning System, planning, operation & maintenance	San Juan	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	6,407	7.41	24,358	7.71	2	1.69	0	0.00	0	0.00	94	5.58	1,611	2.62	0	0.00	0	0	0	0.00	0	0.00	No	0	3	27.51	237	27.51	255.00
152000079	15	City of Weslaco - Flood Warning System, planning, operation & maintenance	Weslaco	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	8,435	7.62	40,076	8.07	3	2.14	0	0.00	0	0.00	148	6.06	1,824	2.66	0	0.00	0	0	0	0.00	0	0.00	No	0	3	29.04	205	29.04	218.00
152000080	15	City of Alamo - Planning, operation & maintenance	Alamo	Develop and Implement a planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	4,823	7.19	14,358	7.33	4	2.46	0	0.00	0	0.00	71	5.28	936	2.44	0	0.00	0	0	0	0.00	0	0.00	No	0	3	27.20	253	27.20	269.00
152000081	15	City of Alton - Flood Warning System, planning, operation & maintenance	Alton	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	3,163	6.86	9,859	7.06	0	0.00	0	0.00	0	0.00	43	4.74	1,061	2.48	0	0.00	0	0	0	0.00	0	0.00	No	0	3	23.65	341	23.65	355.00
152000082	15	City of Brownsville - Flood Warning System, planning, operation & maintenance	Brownsville	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	38,722	8.82	157,389	9.04	6	2.93	0	0.00	479	3.57	620	7.58	16,279	3.37	0	0.00	0	0	0	0.00	0	0.00	No	0	3	37.81	89	37.81	87.00
152000083	15	Cameron County - Flood Warning System, planning, operation & maintenance	Cameron	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	96,099	9.53	310,632	9.53	34	4.95	2	1.90	1,741	4.24	1,956	8.81	212,334	4.20	0	0.00	0	0	0	0.00	0	0.00	No	0	3	45.66	45	45.66	48.00
152000084	15	City of Combes - Flood Warning System, planning, operation & maintenance	Combes	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	928	5.90	2,347	6.04	2	1.69	0	0.00	14	1.73	14	3.55	845	2.41	0	0.00	0	0	0	0.00	0	0.00	No	0	3	23.82	337	23.82	351.00
152000085	15	City of Donna - Flood Warning System, planning, operation & maintenance	Donna	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	3,455	6.93	15,682	7.40	6	2.93	0	0.00	0	0.00	61	5.11	1,935	2.68	0	0.00	0	0	0	0.00	0	0.00	No	0	3	27.54	236	27.54	254.00
152000086	15	City of Elsa - Flood Warning System, planning, operation & maintenance	Elsa	Develop and Implement a Flood Warning System, planning, operation & Maintenance plan	Flood Measurement and Warning	\$600,000	\$5,000,000	1,733	6.38	6,973	6.82	0	0.00	0	0.00	0	0.00	24	4.12	157	1.86	0	0.00	0	0	0	0.00	0	0.00	No	0	3	21.69	405	21.69	407.00