

**APPENDIX A: TWDB-Required Tables (new FMEs, FMPs and FMSs only)**

Draft  
Amended  
Plan

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000359	Arlington California Lane Drainage Improvements	Study to determine mitigation options in order to implement California Lane Drainage Improvement alternatives from March 2020 report. Alternative est const cost = \$11,722,000	03000007, 03000008, 03000031, 03000032	Tarrant	12030102	120301020405, 120301020702	Rush Creek - Vilage Creek, Johnson Creek	Project Planning	1.00	Urban	Arlington	Arlington
031000360	Peaks Branch Upper Basin Relief System (RL Area 13)	Drainage relief system for Peaks Branch watershed from Buckner Park north to M Streets; continuation of Middle Peaks Branch Phases I & II		Dallas	12030105	120301050106, 120301050101	Turtle Creek, City of Dallas-White Rock Creek	Project Planning	0.94	Urban	Dallas	Dallas
031000361	North Delaware Creek Phases 2 & 3	Study to devise channel modifications on North Delaware Creek from upstream at Finley St downstream at Henry Dr	03000007, 03000008, 03000013, 03000014	Dallas	12030102, 12030103	120301020706, 120301020705, 120301031006	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning	0.73	Riverine	Irving	Irving
031000362	Willow Creek Wilshire Blvd (SH 174) Improvements	Study to devise channel modifications of Willow Creek to prevent flooding downstream of the Wilshire Blvd crossing	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning	0.38	Riverine	Burleson	Burleson
031000363	Western Heights Drainage Improvements	Study to determine mitigation options in order to implement Western Heights Drainage Improvements from report dated Sept 2019	03000007, 03000008, 03000031, 03000032	Dallas	12030106	120301060501	Duck Creek	Project Planning	0.17	Riverine	Garland	Garland
031000364	Terrell BC1 Watershed Drainage Improvements	Study to alleviate flooding by implementing culverts and channel improvements throughout watershed area including West End Drive, UPRR crossing, the nearby park and cemetery, and US 80	03000007, 03000008, 03000013, 03000014	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning	1.16	Riverine	Terrell	Terrell
031000365	DMP Phase 2: Dunlap	Evaluation of culvert and channel modifications to alleviate flooding in the study area. Area expanded to include Dunlap St storm sewer, Henry St culvert, and railroad crossing to Rock Spring Branch.	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Ellis	12030109	120301090305, 120301090302	Upper Waxahachie Creek, Mustang Creek	Project Planning	0.41	Riverine	Waxahachie	Waxahachie
031000366	Stream 7C2 Channel Improvements	Evaluation of possible culvert and channel improvements beneath Loop 12 to alleviate flooding along stream 7C2	03000007, 03000008, 03000013, 03000014	Dallas	12030103	120301031007	Bachman Branch-Elm Fork Trinity River	Project Planning	0.10	Riverine	Irving	Irving
031000367	Village Creek CR 802 (east) Improvements	Evaluation of possible culvert improvements to prevent overtopping of CR 802 at Village Creek crossings	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning	0.14	Riverine	Burleson	Burleson
031000368	Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive	Study to determine mitigation options needed to implement Drainage Improvements from Stream 2C5 (Keen Creek)	03000007, 03000008	Dallas	12030105, 12030106	120301050105, 120301060501	White Rock Creek-White Rock Lake, Duck Creek	Project Planning	0.95	Riverine	Garland	Garland
031000369	Terrell KT1 Watershed Drainage Improvements	Study to reduce watershed deficiencies by implementing drainage improvements along University Street and channel improvements along Airport Road.	03000007, 03000008, 03000013, 03000014	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning	1.10	Riverine	Terrell	Terrell
031000370	Village Creek CR 802 (west) Improvements	Evaluation of possible roadway and culvert improvements to prevent overtopping of CR 802 at Village Creek crossings	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning	0.12	Riverine	Burleson	Burleson
031000371	Terrell KC5 Watershed Drainage Improvements	Evaluation of possible culvert improvements at the railroad spur and channel improvements downstream of railroad spur to tie in with Oldcastle improvements	03000007, 03000008, 03000013, 03000014	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning	0.78	Riverine	Terrell	Terrell
031000372	Shannon Creek - Culvert to Main Stem Shannon Creek	Study to assess the implementation of additional culverts and channel improvements to prevent overtopping of John Jones Dr.	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning	1.49	Riverine	Burleson	Burleson
031000373	Terrell BC5 Watershed Drainage Improvements	Study to mitigate residential sheet flow in the Terrell BC5 watershed through a storm drain added onto Brookhollow Drive, channel improvements between backyard property lines, and proposed storm drain improvements on Davidson Street .	03000031, 03000032	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning	0.71	Riverine	Terrell	Terrell

FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000359	Arlington California Lane Drainage Improvements	N	\$250,000	Local, State	1,669	1,625	5,415	121	0	-	59.83	0.22	-	-
031000360	Peaks Branch Upper Basin Relief System (RL Area 13)	N	\$12,219,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000361	North Delaware Creek Phases 2 & 3	N	\$3,397,000	Local, State	0	0	0	0	1	-	0.09	0.00	-	-
031000362	Willow Creek Wilshire Blvd (SH 174) Improvements	N	\$289,000	Local, State	1	1	1	0	0	-	0.67	13.53	-	-
031000363	Western Heights Drainage Improvements	N	\$250,000	Local, State	14	14	106	0	0	-	0.81	0.00	-	-
031000364	Terrell BC1 Watershed Drainage Improvements	N	\$6,640,000	Local, State	2	2	4	0	0	-	0.18	8.60	-	-
031000365	DMP Phase 2: Dunlap	N	\$815,000	Local, State	12	12	20	0	0	-	0.92	0.00	-	-
031000366	Stream 7C2 Channel Improvements	N	\$2,685,000	Local, State	21	21	96	0	5	-	0.62	0.14	-	-
031000367	Village Creek CR 802 (east) Improvements	N	\$569,000	Local, State	1	1	1	0	1	-	0.06	4.81	-	-
031000368	Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive	N	\$250,000	Local, State	1	1	2	0	1	-	0.59	0.00	-	-
031000369	Terrell KT1 Watershed Drainage Improvements	N	\$1,247,000	Local, State	10	5	165	0	0	-	1.01	39.61	-	-
031000370	Village Creek CR 802 (west) Improvements	N	\$1,225,000	Local, State	0	0	0	0	1	-	0.08	0.28	-	-
031000371	Terrell KC5 Watershed Drainage Improvements	N	\$370,000	Local, State	6	4	133	0	0	-	0.71	42.99	-	-
031000372	Shannon Creek - Culvert to Main Stem Shannon Creek	N	\$146,000	Local, State	12	11	90	0	1	-	1.90	64.85	-	-
031000373	Terrell BC5 Watershed Drainage Improvements	N	\$509,000	Local, State	1	1	3	0	0	-	0.69	8.86	-	-

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031000374	Centerville Market Place Drainage Improvements	Study to determine viability of green improvements and mitigation to offset implementation of proposed alternatives from the Centerville Marketplace Report from May 2015	03000007, 03000008, 03000027, 03000028	Dallas	12030106	120301060501	Duck Creek	Project Planning	0.67	Riverine	Garland	Garland
031000375	Miami Drive Drainage Improvements	Stream bank erosion evaluation and investigation of other repair or restoration options for Stream 2C-1 parallel to Miami Drive	03000007, 03000008, 03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	0.67	Riverine	Garland	Garland
031000376	Project 14 – Ridgeway Circle and Ridgeway Drive System	Study to reduce flooding at residential structures along Laguna Drive by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,700,000	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050104	Floyd Branch-White Rock Creek	Project Planning	5.25	Urban	Richardson	Richardson
031000377	Project 15 – James Drive and Weatherred Drive System	Study to reduce flooding at residential structures along James Drive and Blue Lake Circle by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,705,000	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050104	Floyd Branch-White Rock Creek	Project Planning	0.26	Urban	Richardson	Richardson
031000378	10' X 4.5' Culvert at Glenville Drive	Study to eliminate overtopping for Huffhines Creek at Glenville Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost - \$827,000	03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	0.73	Riverine	Richardson	Richardson
031000379	2-9' X 7' Culverts Plano Road	Study to eliminate overtopping for Huffhines Creek at Plano Road crossing for a 100-year storm event by constructing two additional barrels. Est const cost = \$1,459,000	03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	1.87	Riverine	Richardson	Richardson
031000380	10' X 8' Culvert at St Johns Drive	Study to eliminate overtopping for Huffhines Creek at St. John's Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost = \$1,623,000	03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	1.97	Riverine	Richardson	Richardson
031000381	3-10' X 8' Culverts at Yale Blvd.	Study to eliminate overtopping for Huffhines Creek at Yale Boulevard crossing for a 100-year storm event by constructing three additional barrels. Est const cost = \$950,000	03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	2.10	Riverine	Richardson	Richardson
031000382	Sub-project A4 - College Park Improvements	Study to reduce flooding along College Park Boulevard and adjacent streets by replacing undersized storm sewer. Est const cost = \$2,458,000	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	0.15	Urban	Richardson	Richardson
031000383	Sub-project A5 - Annapolis Drive Improvements	Study to reduce flooding along Annapolis Drive and spill to College Park Boulevard by replacing undersized storm sewer. Est const cost = \$1,349,000	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	0.07	Urban	Richardson	Richardson
031000384	Sub-project A7 - Improvements along Windsong Trail	Study to reduce flooding along Windsong Trail and spill to Glenville Drive by replacing undersized storm sewer. Est. const. cost = \$2,456,000	03000013, 03000014, 03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	0.10	Urban	Richardson	Richardson
031000385	Sub-project C3 - Spring Valley at Towne House Lane	Study to reduce flooding Spring Valley Road and overflow to Towne House Lane by replacing undersized storm sewer.	03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning	0.03	Urban	Richardson	Richardson
031000386	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	Study to evaluate existing Mansfield Webb Road crossing and propose up to three (3) alternatives.	03000013, 03000014, 03000031, 03000032	Tarrant	12030102	120301020605	Mountain Creek-Mountain Creek Lake	Project Planning	2.59	Riverine	Arlington	Arlington
031000387	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	Proposed project to reduce flooding Spring Miller Court Crossing by constructing an additional culvert barrel.	03000031, 03000032	Tarrant	12030102	120301020605	Mountain Creek-Mountain Creek Lake	Project Planning	0.51	Riverine	Arlington	Arlington
031000388	Arlington Cottonwood Creek at Park Row Buyout	Property acquisition at Park Row. There are no channel improvements planned.	03000013, 03000014	Tarrant	12030102	120301020607	Mountain Creek-Mountain Creek Lake	Project Planning	0.61	Riverine	Arlington	Arlington
031000389	Arlington North Fish Creek Detention between Allen Avenue & SH 360	Detention of peak flows for Harvest Hills and Briar neighborhood in order to reduce or eliminate downstream channel improvements. Two (2) alternatives proposed.	03000007, 03000008, 03000031, 03000032	Tarrant	12030102	120301020606	Mountain Creek-Mountain Creek Lake	Project Planning	0.21	Riverine	Arlington	Arlington
031000390	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	Study to improve downstream channel improvements and constructing additional barrels along Mayfield Road and North Fish Creek due to the increase in flows from the proposed storm drain improvements.	03000007, 03000008, 03000031, 03000032	Tarrant	12030102	120301020606	Mountain Creek-Mountain Creek Lake	Project Planning	0.30	Riverine	Arlington	Arlington

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031000374	Centerville Market Place Drainage Improvements	N	\$250,000	Local, State	0	0	0	0	0	-	0.28	0.00	-	-
031000375	Miami Drive Drainage Improvements	N	\$250,000	Local, State	1,310	1,227	4,219	84	0	-	65.49	18.78	-	-
031000376	Project 14 – Ridgeway Circle and Ridgeway Drive System	N	\$250,000	Local, State	7,440	7,005	53,537	323	9	-	231.39	66.64	-	-
031000377	Project 15 – James Drive and Weathered Drive System	N	\$250,000	Local, State	488	434	3,230	18	0	-	14.19	0.00	-	-
031000378	10' X 4.5' Culvert at Glenville Drive	N	\$150,000	Local, State	1,049	961	6,641	78	1	-	53.70	5.40	-	-
031000379	2-9' X 7' Culverts Plano Road	N	\$150,000	Local, State	961	961	3,315	78	1	-	53.70	11.96	-	-
031000380	10' X 8' Culvert at St Johns Drive	N	\$150,000	Local, State	2,597	2,405	14,541	154	2	-	140.47	18.99	-	-
031000381	3-10' X 8' Culverts at Yale Blvd.	N	\$150,000	Local, State	2,798	2,603	15,458	164	3	-	145.97	19.24	-	-
031000382	Sub-project A4 - College Park Improvements	N	\$250,000	Local, State	322	322	1,164	13	0	-	9.65	1.65	-	-
031000383	Sub-project A5 - Annapolis Drive Improvements	N	\$250,000	Local, State	174	174	564	9	0	-	9.71	0.00	-	-
031000384	Sub-project A7 - Improvements along Windsong Trail	N	\$250,000	Local, State	213	213	788	11	0	-	9.94	0.00	-	-
031000385	Sub-project C3 - Spring Valley at Towne House Lane	N	\$223,000	Local, State	61	60	274	8	0	-	4.57	1.25	-	-
031000386	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	N	\$185,000	Local, State	4,667	4,500	16,723	246	1	-	119.67	120.38	-	-
031000387	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	N	\$162,000	Local, State	1,170	1,153	4,467	71	0	-	35.36	0.17	-	-
031000388	Arlington Cottonwood Creek at Park Row Buyout	N	\$88,000	Local, State	814	763	6,662	82	0	-	40.94	6.87	-	-
031000389	Arlington North Fish Creek Detention between Allen Avenue & SH 360	N	\$205,000	Local, State	546	546	2,122	22	0	-	21.56	0.00	-	-
031000390	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	N	\$154,000	Local, State	743	741	2,814	41	0	-	32.64	2.65	-	-

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031000391	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	Flood study evaluating three (3) alternatives which preserve access to the existing fire station while reducing flooding at this crossing.	03000017, 03000018, 03000031, 03000032	Tarrant	12010302	120301020607	Mountain Creek-Mountain Creek Lake	Project Planning	0.26	Riverine	Arlington	Arlington
031000392	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	Property acquisition of thirty (30) structures at Pioneer Parkway and Center Street. No channel improvements planned.	03000013, 03000014	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning	2.65	Riverine	Arlington	Arlington
031000393	Arlington Johnson Creek Storm Drain Upgrades on JC-9	Proposed storm drainage upgrades to system draining to JC-9.	03000031, 03000032	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning	0.98	Urban	Arlington	Arlington
031000394	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	Proposed channel rehabilitation at Cooper to Sanford for Stream JC-9.	03000027, 03000028, 03000031, 03000032	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning	1.09	Riverine	Arlington	Arlington
031000395	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	Proposed culvert improvements at Collins Street for stream JC-9	03000031, 03000032	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning	0.83	Riverine	Arlington	Arlington
031000396	Arlington Johnson Creek - JC-10 Buyouts	Acquisition of nineteen (19) structures. No channel improvements planned. Est buyout cost = \$2,126,000	03000013, 03000014	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning	0.001	Riverine	Arlington	Arlington
031000397	Arlington Johnson Creek - JC-12 Buyouts	Removal of four (4) structures in the 100-year floodplain along stream JC-11. No channel improvements planned. Est buyout cost = \$1,599,000	03000013, 03000014	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning	0.001	Riverine	Arlington	Arlington
031000398	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	Buyout and demolition of a 22,150 square foot warehouse and sire adjacent to Upper Rush Creek. Flood study to evaluate feasibility of floodplain restoration through warehouse acquisition. Anticipated acquisition & construction cost = \$8,107,000	03000013, 03000014, 03000027, 03000028	Tarrant	12030102	120301020405	Village Creek	Project Planning	0.14	Riverine	Arlington	Arlington
031000399	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	Proposed crossing improvements at Shorewood Drive.	03000031, 03000032	Tarrant	12030102	120301020404	Village Creek	Project Planning	0.32	Riverine	Arlington	Arlington
031000400	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	Flood study improving Shorewood Drive Crossing using the fully developed condition as the effective maps.	03000023, 03000024, 03000031, 03000032	Tarrant	12030102	120301020404	Village Creek	Project Planning	0.36	Riverine	Arlington	Arlington
031000401	Hulen Street/Railroad Conceptual Bridge Span Layout	Study to assess the implementation of a 2-span, 34' wide bridge on Hulen st	03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning	0.01	Riverine	Burleson	Burleson
031000402	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	Proposed storm sewer improvements along South Workman Road and South Sendero Road by upsizing existing lines and constructing additional inlets. Anticipated const. cost = \$1,285,148	03000013, 03000014, 03000031, 03000032	Wise	12030101	120301010511	Big Sandy Creek	Project Planning	0.10	Urban	Decatur	Decatur
031000403	City of Decatur - S. FM 51 (West Side)	Proposed channel improvements along the west side of South FM-51.	03000007, 03000008, 03000027, 03000028	Wise	12030101	120301010601	West Fork Trinity River-Eagle Mountain Lake	Project Planning	0.48	Riverine	Decatur	Decatur
031000404	Dallas County Inland Port Drainage Improvements - Creek (4B4) - UPRR	Study to alleviate overtopping during the 100-yr storm event via implementation of an enlarged/parallel culvert at UPRR	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203, 120301050108	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	1.09	Riverine	Dallas County	Dallas County
031000405	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Millers Ferry Rd	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203, 120301050108	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	1.09	Riverine	Dallas County	Dallas County
031000406	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Old Main St.	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203, 120301050108	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning	1.09	Riverine	Dallas County	Dallas County
031000407	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.84	Riverine	Dallas County	Dallas County
031000408	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning	2.84	Riverine	Dallas County	Dallas County



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FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000391	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	N	\$231,000	Local, State	291	260	2,768	57	0	-	32.85	6.87	-	-
031000392	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	N	\$231,000	Local, State	1,839	1,389	47,686	11,914	1	-	17,099.34	17.07	-	-
031000393	Arlington Johnson Creek Storm Drain Upgrades on JC-9	N	\$1,500,000	Local, State	1,270	1,034	19,343	91	0	-	64.85	9.66	-	-
031000394	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	N	\$250,000	Local, State	1,282	1,037	19,379	94	0	-	65.01	9.96	-	-
031000395	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	N	\$250,000	Local, State	1,255	1,032	8,443	86	0	-	54.48	5.26	-	-
031000396	Arlington Johnson Creek - JC-10 Buyouts	N	\$150,000	Local, State	19	19	84	1	0	-	0.00	0.00	-	-
031000397	Arlington Johnson Creek - JC-12 Buyouts	N	\$150,000	Local, State	6	4	44	0	1	-	0.00	0.00	-	-
031000398	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	N	\$250,000	Local, State	21	0	795	12	0	-	32.81	16.96	-	-
031000399	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	N	\$250,000	Local, State	521	516	1,363	39	0	-	20.19	0.28	-	-
031000400	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	N	\$250,000	Local, State	448	442	3,515	60	0	-	46.04	0.86	-	-
031000401	Hulen Street/Railroad Conceptual Bridge Span Layout	N	\$2,956,000	Local, State	0	0	0	0	1	-	0.23	0.79	-	-
031000402	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	N	\$250,000	Local, State	45	30	526	14	0	-	4.10	2.43	-	-
031000403	City of Decatur - S. FM 51 (West Side)	N	\$250,000	Local, State	157	66	3,614	76	0	-	36.32	70.79	-	-
031000404	Dallas County Inland Port Drainage Improvements - Creek (4B4) - UPRR	N	\$20,000	Local, State	19	16	56	0	4	-	0.77	58.47	-	-
031000405	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Millers Ferry Rd	N	\$20,000	Local, State	19	16	56	0	4	-	0.77	58.47	-	-
031000406	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Old Main St.	N	\$20,000	Local, State	19	16	56	0	4	-	0.77	58.47	-	-
031000407	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	N	\$20,000	Local, State	2	0	405	0	7	-	0.91	48.03	-	-
031000408	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	N	\$20,000	Local, State	2	0	405	0	7	-	0.91	48.03	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000409	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River	Project Planning	3.21	Riverine	Dallas County	Dallas County
031000410	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River	Project Planning	3.21	Riverine	Dallas County	Dallas County
031000411	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - 2nd St.	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River	Project Planning	3.21	Riverine	Dallas County	Dallas County
031000412	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning	1.19	Riverine	Dallas County	Dallas County
031000413	Dallas County Inland Port Drainage Improvements -Alta Mesa Branch - Simpson St.	Study to alleviate overtopping during the 100-yr storm event	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning	1.19	Riverine	Dallas County	Dallas County
031000414	Pecan Acres Floodway Lot Acquisitions	Study for property acquisition of lots completely contained within FEMA floodway of Timber Creek within the Pecan Acres Subdivision.	03000013, 03000014, 03000021, 03000022	Denton	12030103	120301031002	Timber Creek	Project Planning	0.25	Riverine	Flower Mound	Flower Mound
031000415	East Waketon Road Drainage Improvement	Study for the installation of a drainage channel between FM2499 culverts and Waketon Road culverts in combination with berm construction along the north side of Waketon Road.	03000013, 03000014, 03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning	0.13	Riverine	Flower Mound	Flower Mound
031000416	Garden Ridge Boulevard Bridge Erosion Stabilization	Study for the implementation of modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Garden Ridge Boulevard bridge.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning	0.09	Riverine	Flower Mound	Flower Mound
031000417	Jernigan Road Drop Inlet and Bar Ditch Improvements	Study for the installation of drop inlet structure and bar ditch grading located on Jernigan Road.	03000031, 03000032	Denton	12030103	120301030805	Lower Hickory Creek	Project Planning	0.09	Urban	Flower Mound	Flower Mound
031000418	Pecan Acres Drainage Improvements	Study for the removal and replacement of existing driveway approaches and culverts to allow for the regrading of roadway bar ditches for positive flow within the ROW of the Pecan Acres subdivision.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning	0.72	Riverine	Flower Mound	Flower Mound
031000419	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	Study for the installation of a mixture of box culverts, storm piping and bar ditch grading along King Road, Lusk Lane and Range Wood Drive.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning	0.08	Riverine	Flower Mound	Flower Mound
031000420	Royal Oaks Curb Inlet Improvements	Study for modifications to inlet structures within the Royal Oaks subdivision to reduce bypass flow that reaches Dexter Court.	03000031, 03000032	Denton	12030103	120301031001, 120301031002	Prairie Creek-Elm Fork Trinity River, Timber Creek	Project Planning	0.13	Riverine	Flower Mound	Flower Mound
031000421	Stream Bank Stabilization – Various Locations Town Wide	Study for the installation of erosion stabilization along stream banks in various locations in Flower Mound.	03000031, 03000032	Tarrant, Dallas, Denton	12030102, 12030103, 12030104	120301020703, 120301030902, 120301030905, 120301030906, 120301031001, 120301030805, 120301031002, 120301031004, 120301031005, 120301030804, 120301040307, 120301040205, 120301040301, 120301040302, 120301040306, 120301040303, 120301040304, 120301040305	Big Bear Creek, Middle Hickory Creek, Lower Hickory Creek, Pecan Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Timber Creek, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Hog Branch-Denton Creek, Headwaters Elizabeth Creek, Henrietta Creek, Elizabeth Creek-Denton Creek, Denton Creek-Grapevine Lake, Marshall Branch-Grapevine Lake, Dove Creek-Grapevine Lake, Cottonwood Branch-Denton Creek	Project Planning	242.27	Riverine	Flower Mound	Flower Mound
031000422	Sunset Trail Drop Inlet and Outfall Improvement	Study for modifications to existing drop inlet structure and outlet piping located on Sharps Branch Tributary 1 to adequately convey upstream flows.	03000031, 03000032	Denton	12030104	120301040305	Marshall Branch-Grapevine Lake	Project Planning	0.16	Riverine	Flower Mound	Flower Mound



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031000409	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	N	\$20,000	Local, State	25	17	2,137	0	1	-	0.88	54.89	-	-
031000410	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	N	\$20,000	Local, State	25	17	2,137	0	1	-	0.88	54.89	-	-
031000411	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - 2nd St.	N	\$20,000	Local, State	25	17	2,137	0	1	-	0.88	54.89	-	-
031000412	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	N	\$20,000	Local, State	9	8	7	0	2	-	1.07	9.34	-	-
031000413	Dallas County Inland Port Drainage Improvements -Alta Mesa Branch - Simpson St.	N	\$20,000	Local, State	9	8	7	0	2	-	1.07	9.34	-	-
031000414	Pecan Acres Floodway Lot Acquisitions	N	\$250,000	Local, State	22	22	65	0	0	-	1.26	1.48	-	-
031000415	East Waketon Road Drainage Improvement	N	\$250,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000416	Garden Ridge Boulevard Bridge Erosion Stabilization	N	\$250,000	Local, State	0	0	0	0	0	-	0.09	1.52	-	-
031000417	Jernigan Road Drop Inlet and Bar Ditch Improvements	N	\$250,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000418	Pecan Acres Drainage Improvements	N	\$250,000	Local, State	39	39	111	0	0	-	1.45	2.68	-	-
031000419	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	N	\$250,000	Local, State	2	2	7	0	0	-	0.04	1.27	-	-
031000420	Royal Oaks Curb Inlet Improvements	N	\$250,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000421	Stream Bank Stabilization – Various Locations Town Wide	N	\$250,000	Local, State	1,485	1,259	13,218	0	37	-	100.79	4,911.32	-	-
031000422	Sunset Trail Drop Inlet and Outfall Improvement	N	\$250,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000423	Timber Creek Road Bridges Erosion Stabilization	Study for modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Timber Creek Road bridges.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning	0.28	Riverine	Flower Mound	Flower Mound
031000424	Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	Feasibility Study of stream RC1 and RC1A to mitigate reported upstream flooding.	03000031, 03000032	Tarrant	12030102	120301020405	Village Creek	Project Planning	3.26	Riverine	Arlington	Arlington
031000425	Joes Creek - West Fork Channel and Culvert Improvements	Floodplain study of Joes Creek for the purpose of evaluating flood hazards and establishing floodplain management criteria.	03000005, 03000006, 03000009, 03000010	Dallas	12030103	120301031007	Timber Creek-Elm Fork Trinity River	Watershed Planning	4.59	Riverine	Dallas	Dallas
031000426	Woody Branch Floodplain Management Study	Proposed minor channel rectification to alleviate the flooding of five (5) houses on Woody Branch, a tributary in Fivemile Creek.	03000013, 03000014, 03000027, 03000028	Dallas	12030105	120301050107	Headwaters Trinity River	Watershed Planning	10.45	Riverine	Dallas	Dallas
031000427	Ledbetter Branch Detention Basin	Proposed flood control berm to reclaim six (6) houses on Ledbetter Branch, a tributary in Fivemile Creek.	03000013, 03000014	Dallas	12030105	120301050107	Headwaters Trinity River	Watershed Planning	2.03	Riverine	Dallas	Dallas
031000428	Lower Five Mile Creek Management Plan	Proposed ecosystem restoration and economic redevelopment with 41- acres to be reclaimed and the conversion of a pond to a wetland on Lower Five Mile Creek. Anticipated const. cost = \$30,973,737	03000027, 03000028, 03000031, 03000032	Dallas	12030105	120301050108	Headwaters Trinity River	Watershed Planning	19.13	Riverine	Dallas	Dallas
031000429	Coombs Creek Bridge @ Plymouth	Proposed bridge installment and to raise Plymouth Road for flood protection. Anticipated const. cost = \$6,400,000	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	2.43	Riverine	Dallas	Dallas
031000430	Coombs Creek Bridge @ Ivandell	Proposed bridge installment along Ivandell for flood protection.	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	0.50	Riverine	Dallas	Dallas
031000431	Coombs Creek Bridge @ Burlingdell	Proposed bridge installment along Burlingdell for flood protection.	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	0.53	Riverine	Dallas	Dallas
031000432	Coombs Creek Bridge @ Gibsondell	Proposed bridge installment along Gibsondell for flood protection.	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	0.56	Riverine	Dallas	Dallas
031000433	Coombs Creek Bridge @ Brooklyndell	Proposed bridge installment along Brooklyndell for flood protection.	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	0.58	Riverine	Dallas	Dallas
031000434	Coombs Creek Bridge @ Colorado	Proposed bridge installment and to raise Colorado Road for flood protection. Anticipated const. cost = \$1,439,000	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	3.76	Riverine	Dallas	Dallas
031000435	Coombs Creek Bridge @ Barnett	Proposed bridge installment along Barnett for flood protection.	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	1.71	Riverine	Dallas	Dallas
031000436	Coombs Creek Culvert @ Hampton	Proposed storm drainage improvements by adding two (2) culverts along Hampton Road.	03000031, 03000032	Dallas	12030105	120301050102	Headwaters Trinity River	Project Planning	2.93	Riverine	Dallas	Dallas
031000437	Knights Branch Upper Relief System Study	Study, Model, & Prelim.Design: Update capital drainage recommendations & cost estimate for the Knights Branch Upper Relief System projects.	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Headwaters Trinity River	Project Planning	3.14	Riverine	Dallas	Dallas
031000438	Knights Branch Upper Relief System Phase 2	Continuation of the Knights Branch Upper Relief System Project. Improve neighborhoods served by the Knights Branch Upper Relief System. Includes Preston Park neighborhood (Bryn Mawr).	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Headwaters Trinity River	Project Planning	3.14	Riverine	Dallas	Dallas
031000439	Knights Branch @ Denton Dr.	Analysis and design for crossing to determine necessary culvert size for crossing to maximize level of service and raise road if necessary	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Headwaters Trinity River	Project Planning	0.01	Riverine	Dallas	Dallas
031000440	Knights Branch Upper Relief System Inwood/Mockingbird	Major relief system of enclosed portion of upper Knights Branch watershed from Lowe's culvert extension (downstream of Inwood/Lemon) north on Inwood to about Wateka, using 2-12X10 box culverts, with smaller systems as necessary to provide full relief.	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Headwaters Trinity River	Project Planning	1.23	Riverine	Dallas	Dallas

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031000423	Timber Creek Road Bridges Erosion Stabilization	N	\$250,000	Local, State	30	29	118	0	0	-	0.29	5.83	-	-
031000424	Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	N	\$600,000	Local, State	4,630	4,170	18,691	360	1	-	196.87	6.19	-	-
031000425	Joes Creek - West Fork Channel and Culvert Improvements	N	\$250,000	Local, State	5,421	4,541	35,913	373	3	-	256.88	3.81	-	-
031000426	Woody Branch Floodplain Management Study	N	\$250,000	Local, State	9,512	8,884	42,464	716	1	-	547.86	350.26	-	-
031000427	Ledbetter Branch Detention Basin	N	\$250,000	Local, State	1,771	1,631	8,170	172	0	-	117.50	2.64	-	-
031000428	Lower Five Mile Creek Management Plan	N	\$500,000	Local, State	8,301	7,664	27,597	926	8	-	570.81	2,979.58	-	-
031000429	Coombs Creek Bridge @ Plymouth	N	\$150,000	Local, State	5,757	5,522	22,845	254	6	-	209.54	7.37	-	-
031000430	Coombs Creek Bridge @ Ivandell	N	\$215,000	Local, State	1,365	1,344	5,497	61	1	-	67.38	3.10	-	-
031000431	Coombs Creek Bridge @ Burlingdell	N	\$150,000	Local, State	1,449	1,426	5,794	63	1	-	69.76	3.10	-	-
031000432	Coombs Creek Bridge @ Gibsondell	N	\$155,000	Local, State	1,540	1,517	6,140	68	2	-	71.91	3.10	-	-
031000433	Coombs Creek Bridge @ Brooklyndell	N	\$260,000	Local, State	1,540	1,517	6,140	68	2	-	71.91	3.10	-	-
031000434	Coombs Creek Bridge @ Colorado	N	\$250,000	Local, State	7,688	7,238	34,378	347	6	-	280.22	8.51	-	-
031000435	Coombs Creek Bridge @ Barnett	N	\$280,000	Local, State	4,059	3,877	16,670	196	4	-	159.13	6.60	-	-
031000436	Coombs Creek Culvert @ Hampton	N	\$465,000	Local, State	6,479	6,106	29,619	300	6	-	224.65	7.37	-	-
031000437	Knights Branch Upper Relief System Study	N	\$250,000	Local, State	6,037	5,751	19,219	250	3	-	225.97	2.22	-	-
031000438	Knights Branch Upper Relief System Phase 2	N	\$250,000	Local, State	6,037	5,751	19,219	250	3	-	225.97	2.22	-	-
031000439	Knights Branch @ Denton Dr.	N	\$250,000	Local, State	1	1	25	5	1	-	12.20	0.00	-	-
031000440	Knights Branch Upper Relief System Inwood/Mockingbird	N	\$250,000	Local, State	1,875	1,732	5,984	135	0	-	127.82	0.51	-	-

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031000441	City of Dallas Dam Program - Bachman Lake Dam	Study of possible rehabilitation of the Bachman Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030103	120301031007	Bachman Branch-Elm Fork Trinity River	Other	0.20	Riverine	Dallas	Dallas
031000442	City of Dallas Dam Program - Cherrybrook Lake Dam	Study of possible rehabilitation of the Cherrybrook Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Other	0.01	Riverine	Dallas	Dallas
031000443	City of Dallas Dam Program - Hatfield Branch Detention Dam	Study of possible rehabilitation of the Hatfield Branch Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria. Existing emergency spillway altered and does not functioned as hydraulically designed.	03000033, 03000034	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Other	0.01	Riverine	Dallas	Dallas
031000444	City of Dallas Dam Program - Kidd Springs Lake Dam	Study of possible rehabilitation of the Kidd Springs Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050102	Coombs Creek-Trinity River	Other	0.003	Riverine	Dallas	Dallas
031000445	City of Dallas Dam Program - Lake Cliff Dam	Study of possible rehabilitation of Lake Cliff Dam. Remove trees and establish 4:1 slope on downstream embankment. Improve dam spillway capacity to pass the TCEQ required 75% PMF event.	03000033, 03000034	Dallas	12030105	120301050102	Coombs Creek-Trinity River	Other	0.02	Riverine	Dallas	Dallas
031000446	City of Dallas Dam Program - Lake Simonds Dam	Study of possible rehabilitation of the Lake Simonds Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050204	Hickory Creek-Parsons Slough	Other	0.05	Riverine	Dallas	Dallas
031000447	City of Dallas Dam Program - White Rock Lake Dam	Study of possible rehabilitation of the White Rock Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050106, 120301050105	White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek	Other	1.56	Riverine	Dallas	Dallas
031000448	City of Dallas Dam Program - Woody Branch Dam	Study for the implementation of erosion protection, RCC separation, survey monumentation, and redoing service road	03000033, 03000034	Dallas	12030105	120301050107	Headwaters Fivemile Creek	Other	0.004	Riverine	Dallas	Dallas
031000449	City of Dallas Dam Program - Emerald Lake Dam	Study of possible rehabilitation of the Emerald Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030102	120301020606	Fish Creek-Mountain Creek Lake	Other	0.01	Riverine	Dallas	Dallas
031000450	City of Dallas Dam Program - Forney Dam	Study of possible rehabilitation of the Forney Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Kaufman County, Dallas, Rockwall, Collin	12030106	120301060401, 120301060402, 120301060403, 120301060503, 120301060408, 120301060501, 120301060409	Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek, North Mesquite Creek-East Fork Trinity River	Other	34.01	Riverine	Dallas	Dallas
031000451	City of Dallas Dam Program - Tawakoni Balancing Reservoir	Study of possible rehabilitation of the Tawakoni Balancing Reservoir Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Kaufman County	12030107	120301070105	Headwaters Kings Creek	Other	0.09	Riverine	Dallas	Dallas
031000452	Stewart Creek & Legacy Gabion Repair	Updates to existing study to perform creek bank stabilization in the Stewart Creek & Legacy Gabion area.	03000031, 03000032	Collin, Denton	12030103	120301030906	Stewart Creek-Lewisville Lake	Project Planning	0.73	Riverine	Frisco	Frisco
031000453	Edgewood	Updates to existing study to perform creek bank stabilization in the Edgewood neighborhood	03000031, 03000032	Collin	12030106	120301060404	Headwaters Rowlett Creek	Project Planning	0.40	Riverine	Frisco	Frisco
031000454	Regional Detention Study on Poindexter Creek	Proposed 320 ac-ft regional detention pond along Poindexter Branch and Poindexter Branch Tributary 5 and replacement of one (1) 80-ft bridge at Estates Drive. Anticipated const. cost = \$1,338,000	03000007, 03000008, 03000031, 03000032	Denton	12030103	120301030805	Hickory Creek-Little Elm Reservoir	Project Planning	3.93	Riverine	Copper Canyon	Copper Canyon
031000455	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	Detailed flood study of Montague Creek to produce updated inundation mapping and provide proposed channel and crossing improvements through the central district of the city.	03000009, 03000010, 03000013, 03000014, 03000031, 03000032	Cooke	12030103	120301030106	Headwaters Elm Fork Trinity River	Watershed Planning	10.92	Riverine	Lindsay	Lindsay

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031000441	City of Dallas Dam Program - Bachman Lake Dam	N	\$100,000	Local, State	0	0	0	0	0	-	0.07	2.00	-	-
031000442	City of Dallas Dam Program - Cherrybrook Lake Dam	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000443	City of Dallas Dam Program - Hatfield Branch Detention Dam	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000444	City of Dallas Dam Program - Kidd Springs Lake Dam	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000445	City of Dallas Dam Program - Lake Cliff Dam	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000446	City of Dallas Dam Program - Lake Simonds Dam	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	15.64	-	-
031000447	City of Dallas Dam Program - White Rock Lake Dam	N	\$100,000	Local, State	0	0	0	0	0	-	0.00	8.44	-	-
031000448	City of Dallas Dam Program - Woody Branch Dam	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	0.25	-	-
031000449	City of Dallas Dam Program - Emerald Lake Dam	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000450	City of Dallas Dam Program - Forney Dam	N	\$100,000	Local, State	0	0	0	0	0	-	9.31	294.86	-	-
031000451	City of Dallas Dam Program - Tawakoni Balancing Reservoir	N	\$50,000	Local, State	0	0	0	0	0	-	0.00	0.00	-	-
031000452	Stewart Creek & Legacy Gabion Repair	N	\$350,000	Local, State	3	1	0	0	1	-	1.19	27.28	-	-
031000453	Edgewood	N	\$520,000	Local, State	0	0	0	0	1	-	0.24	2.62	-	-
031000454	Regional Detention Study on Poindexter Creek	N	\$250,000	Local, State	1,144	972	3,709	128	0	-	71.76	901.46	-	-
031000455	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	N	\$250,000	Local, State	658	436	927	120	0	-	86.69	6,316.70	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000456	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	Preliminary engineering of a flood mitigation concept in the Mary's Creek basin upstream of the Fort Worth Floodway Federal Project and the Fort Worth Central City (FWCC) Project	03000031, 03000032	Tarrant,Parker	12030102	120301020104, 120301020204, 120301020105, 120301020103, 120301020208, 120301020305, 120301020306, 120301020307	Silver Creek-Lake Worth,Live Oak Creek-West Fork Trinity River,Farmers Branch-West Fork Trinity River,Squaw Creek-Clear Fork Trinity River,Brown Branch-Clear Fork Trinity River,Dutch Branch-Benbrook Lake,Marys Creek,Lake Como-Clear Fork Trinity River	Project Planning	53.97	Riverine	Tarrant Regional Water District	Tarrant Regional Water District
031000457	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	Kaufman-Van Zandt watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Kaufman,Van Zandt	12010001, 12020001, 12030105, 12030106, 12030107	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010301, 120100010303, 120100010505, 120100010404, 120100010302, 120100010405, 120100010604, 120200010201, 120200010203, 120200010205, 120200010206, 120200010301, 120200010101, 120200010102, 120200010103, 120200010105, 120200010202, 120200010204, 120301050406, 120301050205, 120301050306, 120301050401, 120301050402, 120301050403, 120301050405, 120301050408, 120301050501, 120301060401, 120301060402, 120301060403, 120301060502, 120301060503, 120301060501, 120301060505, 120301060506, 120301060507, 120301060409, 120301070107, 120301070109, 120301070106, 120301070108, 111302090510, 120301010508, 120301010507, 120301010505, 120301010506, 120301010401, 120301010501, 120301010502, 120301010503, 120301010504, 120301030101, 120301030202, 120301030303, 120301030602, 120301030603, 120301030601, 120301030701, 120301030702, 120301030704, 120301030401, 120301030105, 120301030106, 120301030206, 120301030204, 120301030301, 120301030103, 120301030102, 120301030104, 120301030201, 120301030205, 120301030203, 120301030302, 120301030304, 120301030402, 120301030403, 120301030404, 120301030405, 120301030501, 120301030502, 120301030505, 120301030503, 120301030504, 120301040101, 120301040102, 120301040103, 120301040104, 120301040105, 120301060104, 120301060201, 120301060105, 120301060202, 120301060204	Parsons Slough-Trinity River,Caney Creek-Trinity River,Bridge Creek-Trinity River,Lower Red Oak Creek,Headwaters Old Channel East Fork Trinity River,Old Channel East Fork Trinity River-Trinity River,Smith Creek-Trinity River,Coal Iron Creek-Cottonwood Creek,Headwaters Bois d'Arc Creek,Cottonwood Creek-East Fork Trinity River,Muddy Creek-Lake Ray Hubbard,Camp Creek-Lake Ray Hubbard,Rush Creek-Lake Ray Hubbard,Duck Creek,Long Branch-Buffalo Creek,North Mesquite Creek-East Fork Trinity River,Mustang Creek-East Fork Trinity River,Anthony Branch-Buffalo Creek,White House Ridge-East Fork Trinity River,Lacy Fork-Cedar Creek Reservoir,Upper Big Brushy Creek,High Point Creek,Middle Big Brushy Creek,Lower Big Brushy Creek,Headwaters Kings Creek,Eagans Branch-Kings Creek,Little Brushy Creek-Kings Creek,Big Cottonwood Creek-Kings Creek,Headwaters Big Cottonwood Creek,Little Cottonwood Creek-Kings Creek,Town of Kemp-Cedar Creek Reservoir,Muddy Cedar Creek,Rocky Cedar Creek,Allen Creek-Cedar Creek,Caney Creek,Williams Creek-Cedar Creek,Kemp Lake-Cedar Creek,Dry Lacy Fork,Persimmon Branch-Cedar Creek Reservoir,Prairie Creek-Cedar Creek	Other	1,809.19	Riverine	Kaufman-Van Zandt SWCD	Kaufman-Van Zandt SWCD
031000458	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	Upper Elm-Red watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Cooke,Grayson,Montague	11130209, 12030101, 12030103, 12030104, 12030106, 11130201, 11130210, 11140101	120301010507, 120301010505, 120301010506, 120301010401, 120301010501, 120301010502, 120301010503, 120301010504, 120301030101, 120301030202, 120301030303, 120301030602, 120301030603, 120301030601, 120301030701, 120301030702, 120301030704, 120301030401, 120301030105, 120301030106, 120301030206, 120301030204, 120301030301, 120301030103, 120301030102, 120301030104, 120301030201, 120301030205, 120301030203, 120301030302, 120301030304, 120301030402, 120301030403, 120301030404, 120301030405, 120301030501, 120301030502, 120301030505, 120301030503, 120301030504, 120301040101, 120301040102, 120301040103, 120301040104, 120301040105, 120301060104, 120301060201, 120301060105, 120301060202, 120301060204	Cottonwood Creek-Big Creek,Prairie Branch,South Creek-Big Sandy Creek,Brier Creek-Lake Amon G Carter,Red Oak Creek-Jones Creek,Cowskin Creek-Big Sandy Creek,Upper Brushy Creek,Lower Brushy Creek,Pringle Creek-Big Sandy Creek,Long Branch-Elm Fork Trinity River,Brushy Elm Creek,Dry Elm Creek-Elm Fork Trinity River,Wheeler Creek-Pecan Creek,Montague Creek-Elm Fork Trinity River,Buck Creek-Timber Creek,Headwaters Jordan Creek,Upper Indian Creek,Lower Indian Creek,Wolf Creek,Walnut Branch-Isle du Bois Creek,Upper Spring Creek,Lower Spring Creek,Scott Creek-Elm Fork Trinity River,Pecan Creek-Elm Fork Trinity River,Pond Creek-Elm Fork Trinity River,Dye Creek-Clear Creek,Willawalla Creek-Clear Creek,Bingham Creek,Blocker Creek,Whites Creek-Clear Creek,Upper Range Creek,Lower Range Creek,Jordan Creek-Isle du Bois Creek,Bear Creek-Buck Creek,Flat Creek,Buck Creek-Clear Creek,Little Duck Creek-Duck Creek,Headwaters Little Elm Creek,Pecan Creek,Mustang Creek,Braden Branch-Denton Creek,Panther Creek-Denton Creek,Harts Creek-Denton Creek,Wells Branch-Denton Creek,Dry Valley Creek,Desert Creek-Pilot Grove Creek,Squirrel Creek-East Fork Trinity River,Whites Creek-East Fork Trinity River,Headwaters Pilot	Other	2,808.44	Riverine	Upper Elm-Red SWCD	Upper Elm-Red SWCD



FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000456	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	N	\$1,229,000	Local, State	477	441	1,453	0	32	-	18.70	2,622.61	-	-
031000457	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	N	\$738,000	Local, State	3,001	2,302	6,206	0	33	-	218.80	110,669.83	-	-
031000458	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	N	\$1,322,000	Local, State	2,203	1,672	2,988	0	36	-	181.56	83,271.88	-	-

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000459	Collin County SWCD Watershed-wide Dam Evaluations	Collin county watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Collin	12010001, 12030103, 12030105, 12030106	120100010201, 120100010202, 120100010301, 120100010302, 120301030904, 120301030703, 120301030903, 120301030905, 120301030906, 120301031004, 120301031003, 120301030701, 120301050103, 120301050104, 120301060306, 120301060104, 120301060101, 120301060102, 120301060103, 120301060105, 120301060202, 120301060303, 120301060305, 120301060304, 120301060307, 120301060401, 120301060402, 120301060203, 120301060405, 120301060403, 120301060404, 120301060407, 120301060408, 120301060207, 120301060204, 120301060205, 120301060206, 120301060302, 120301060406, 120301060208	Headwaters Little Elm Creek, Little Elm Creek, Doe Branch-Lewisville Lake, Panther Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Headwaters White Rock Creek, Floyd Branch-White Rock Creek, Elm Creek-Lavon Lake, Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek, Whites Creek-East Fork Trinity River, Headwaters Pilot Grove Creek, Throckmorton Creek-East Fork Trinity River, Honey Creek, Clemons Creek-East Fork Trinity River, Upper Wilson Creek, Lower Wilson Creek, East Fork Trinity River-Lavon Lake, Headwaters Sister Grove Creek, Stiff Creek-Sister Grove Creek, Sister Grove Creek-Pilot Grove Creek, Ticky Creek-Lavon Lake, Price Creek-Lavon Lake, Camp Creek-Lake Ray Hubbard, Headwaters Rowlett Creek, Town of Allen-Cottonwood Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Other	883.61	Riverine	Collin County SWCD	Collin County SWCD
031000460	Fannin SWCD Watershed-wide Dam Evaluations	Fannin watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Fannin	12030106	120301060101, 120301060102	Bear Creek-Indian Creek, Arnold Creek	Other	0.23	Riverine	Fannin SWCD	Fannin SWCD
031000461	Cooper Creek Drainage Study	Flood study in the City of Denton to quantify existing flooding severity and proposed mitigation strategies to protect hydraulic structures and property adjacent to Cooper Creek.	03000009, 03000010, 03000013, 03000014, 03000031, 03000032	Denton	12030103	120301030902	Elm Fork Trinity River-Little Elm Reservoir	Watershed Planning	14.39	Riverine	Denton	Denton
031000462	Jack SWCD Watershed-wide Dam Evaluations	Jack watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Jack	12030101, 12060201	120301010102, 120301010103, 120301010302, 120301010104, 120301010105, 120301010201, 120301010106, 120301010107, 120301010203, 120301010303, 120301010202, 120301010204, 120301010205, 120301010505, 120301010206, 120301010207, 120301010208, 120301010301, 120301010304, 120301010401, 120301010402, 120301010403, 120301010405, 120301010406, 120301010407, 120301010409, 120301010502, 120301010503, 120602010201, 120602010202, 120602010203, 120602010605, 120602010606, 120602010601, 120602010602, 120602010603, 120602010604, 120602010607, 120602011101	North Creek, Big Cleveland Creek, Crooked Creek, Flag Springs Creek-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Plum Creek, Upper Cameron Creek, Lower Cameron Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Roberts Prairie Branch-West Fork Trinity River, Jones Creek, Lost Creek, Hall Creek-West Fork Trinity River, Carroll Creek, Howard Creek-West Fork Trinity River, Cottonwood Creek-Big Creek, Beans Creek, Pecan Branch-West Fork Trinity River, Big Creek-Lake Bridgeport, Jasper Creek, Boons Creek, Lake Bridgeport, South Creek-Big Sandy Creek, Brier Creek-Lake Amon G Carter, Cowskin Creek-Big Sandy Creek	Other	917.36	Riverine	Jack Soil and Water SWCD	Jack Soil and Water SWCD

FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000459	Collin County SWCD Watershed-wide Dam Evaluations	N	\$858,000	Local, State	2,844	2,403	17,582	0	55	-	145.97	34,183.83	-	-
031000460	Fannin SWCD Watershed-wide Dam Evaluations	N	\$408,000	Local, State	1	0	0	0	0	-	0.00	17.32	-	-
031000461	Cooper Creek Drainage Study	N	\$250,000	Local, State	9,523	8,414	32,216	779	3	-	380.04	2,745.89	-	-
031000462	Jack SWCD Watershed-wide Dam Evaluations	N	\$503,000	Local, State	268	105	231	0	6	-	54.54	33,795.51	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000463	Denton SWCD Watershed-wide Dam Evaluations	Denton watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Denton	12030103, 12030104, 12030105	120301030904, 120301030901, 120301030902, 120301030703, 120301030705, 120301030801, 120301030903, 120301030905, 120301030906, 120301031001, 120301030805, 120301031002, 120301031004, 120301031003, 120301030602, 120301030604, 120301030603, 120301030601, 120301030605, 120301030701, 120301030702, 120301030704, 120301030802, 120301030803, 120301030804, 120301030304, 120301030406, 120301030405, 120301030505, 120301030504, 120301040307, 120301040202, 120301040205, 120301040204, 120301040206, 120301040301, 120301040302, 120301040306, 120301040303, 120301040304, 120301040305, 120301050103	Walnut Branch-Isle du Bois Creek,Pond Creek-Elm Fork Trinity River,Culp Branch-Elm Fork Trinity River,Blocker Creek,Whites Creek-Clear Creek,Flat Creek,Buck Creek-Clear Creek, Little Duck Creek-Duck Creek,Moore's Branch-Clear Creek,Milam Creek-Clear Creek,Headwaters Little Elm Creek,Little Elm Creek,Pecan Creek, Mustang Creek,Running Branch-Little Elm Creek,North Hickory Creek,South Hickory Creek,Upper Hickory Creek,Middle Hickory Creek,Lower Hickory Creek, Timber Branch-Lewisville Lake,Pecan Creek-Lewisville Lake,Doe Branch-Lewisville Lake,Panther Creek-Lewisville Lake,Cottonwood Branch-Lewisville Lake,Stewart Creek-Lewisville Lake,Prairie Creek-Elm Fork Trinity River, Timber Creek,Indian Creek-Elm Fork Trinity River,Grapevine Creek-Elm Fork Trinity River,North Pecan Creek-Denton Creek,Morris Branch-Denton Creek,Hog Branch-Denton Creek,Oliver Creek,Headwaters Elizabeth Creek,Henrietta Creek,Elizabeth Creek-Denton Creek,Denton Creek-Grapevine Lake,Marshall Branch-Grapevine Lake,Dove Creek-Grapevine Lake,Cottonwood Branch-Denton Creek,Headwaters White Rock Creek	Other	950.26	Riverine	Denton SWCD	Denton SWCD
031000464	Dalworth SWCD Watershed-wide Dam Evaluations	Dalworth watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Dallas, Tarrant, Johnson, Ellis	12030101, 12030102, 12030103, 12030104, 12030105, 12030106, 12030109, 12060201, 12060202	120301010605, 120301010606, 120301010608, 120301010609, 120301010610, 120301020101, 120301020104, 120301020701, 120301020607, 120301020703, 120301020403, 120301020405, 120301020502, 120301020602, 120301020506, 120301020601, 120301020706, 120301020702, 120301020704, 120301020705, 120301020605, 120301020105, 120301020103, 120301020208, 120301020301, 120301020302, 120301020303, 120301020304, 120301020305, 120301020306, 120301020307, 120301020401, 120301020404, 120301020402, 120301020501, 120301020503, 120301020504, 120301020505, 120301020603, 120301020604, 120301020606, 120301031007, 120301031006, 120301031002, 120301031004, 120301031005, 120301031003, 120301040307, 120301040302, 120301040306, 120301040305, 120301050106	Dosier Creek-Eagle Mountain Creek,Blue Creek-Eagle Mountain Lake,Indian Creek-Eagle Mountain Lake,Lower Walnut Creek,Ash Creek,West Fork Trinity River-Lake Worth,Silver Creek-Lake Worth,Live Oak Creek-West Fork Trinity River,Farmers Branch-West Fork Trinity River,Brown Branch-Clear Fork Trinity River,South Bear Creek,Bear Creek, Mustang Creek,Rock Creek,Dutch Branch-Benbrook Lake,Marys Creek,Lake Como-Clear Fork Trinity River,Quil Miller Creek-Village Creek,Deer Creek-Village Creek,Village Creek-Lake Arlington,Big Bear Creek,Little Bear Creek,Estelle Creek-Bear Creek,Delaware Creek-West Fork Trinity River,Wildcat Branch-Lake Arlington,Rush Creek-Village Creek,Marine Creek-West Fork Trinity River,Headwaters Sycamore Creek,Whites Branch-Big Fossil Creek,Sycamore Creek-West Fork Trinity River,Headwaters Walker Branch,Walker Branch-West Fork Trinity River,Headwaters Mountain Creek,Soap Creek,Low Branch-Mountain Creek,King Branch-Walnut Creek,Lynn Creek-Walnut Creek,Fish Creek-Mountain Creek Lake,Cottonwood Creek-Mountain Creek Lake,Hurricane Creek-West Fork Trinity River,Johnson Creek,Cottonwood Branch-Hackberry Creek,Bachman Branch-Elm Fork	Other	2,316.15	Riverine	Dalworth SWCD	Dalworth SWCD

FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000463	Denton SWCD Watershed-wide Dam Evaluations	N	\$618,000	Local, State	4,555	3,508	18,621	0	96	-	240.59	53,563.58	-	-
031000464	Dalworth SWCD Watershed-wide Dam Evaluations	N	\$923,000	Local, State	39,636	35,526	267,208	0	1,299	-	1,361.28	78,806.60	-	-

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000465	Upper Sabine SWCD Watershed-wide Dam Evaluations	Upper Sabine watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Hunt	11140301, 12010001, 12010003, 12030106, 12030107	111403010102, 111403010105, 111403010104, 111403010106, 111403010101, 111403010103, 111403010204, 111403010202, 111403010201, 111403010203, 111403010205, 120100010406, 120100010407, 120100010103, 120100010101, 120100010102, 120100010104, 120100010203, 120100010201, 120100010202, 120100010204, 120100010301, 120100010303, 120100010401, 120100010402, 120100010404, 120100010302, 120100010403, 120100010405, 120100030101, 120100030102, 120301060101, 120301060102, 120301070102	Bear Creek-Indian Creek,Arnold Creek,High Point Creek	Other	879.21	Riverine	Upper Sabine SWCD	Upper Sabine SWCD
031000466	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	Property acquisition of ninety-five (95) structures along Collins Street and Division Street. No channel improvements planned.	03000013, 03000014	Tarrant	12030102	120301020702	Johnson Creek	Project Planning	0.51	Riverine	Arlington	Arlington
031000467	Floodplain Evaluation of Kings Branch and Farmers Branch	Flood study to identify areas that will be suitable for an FMP for future floodplain cycles.	03000007, 03000008, 03000031, 03000032	Tarrant	12030102	120301020105	Lake Worth-West Fork Trinity River	Project Planning	11.80	Riverine	Westworth Village	Westworth Village
031000468	Wise SWCD Watershed-wide Dam Evaluations	Wise watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Wise	12030101, 12030102, 12030103, 12030104	120301010508, 120301010601, 120301010507, 120301010505, 120301010605, 120301010602, 120301010603, 120301010509, 120301010510, 120301010511, 120301010604, 120301010606, 120301010401, 120301010402, 120301010403, 120301010404, 120301010405, 120301010406, 120301010407, 120301010411, 120301010408, 120301010409, 120301010410, 120301010608, 120301010607, 120301020201, 120301030801, 120301030505, 120301040202, 120301040104, 120301040105, 120301040201, 120301040203, 120301040204, 120301040206, 120301040301, 120301040302, 120301040303	Cottonwood Creek-Big Creek,Beans Creek,Pecan Branch-West Fork Trinity River,Venchoner Creek,Big Creek-Lake Bridgeport,Jasper Creek,Boons Creek,Willow Creek,Lake Bridgeport,Village Creek-West Fork Trinity River,Dry Creek-West Fork Trinity River,Salt Creek,Walnut Creek-West Fork Trinity River,Blue Creek-Eagle Mountain Lake,Indian Creek-Eagle Mountain Lake,Cowskin Creek-Big Sandy Creek,Lower Brushy Creek,Pringle Creek-Big Sandy Creek,Chicken Creek-Big Sandy Creek,Briar Branch-Big Sandy Creek,Waggoner Branch-Big Sandy Creek,Martin Branch-West Fork Trinity Branch,Garrett Creek,Upper Walnut Creek,Lower Walnut Creek,Cottonwood Creek-Clear Fork Trinity River,Whites Creek-Clear Creek,North Hickory Creek,Panther Creek-Denton Creek,Harts Creek-Denton Creek,Black Creek-Denton Creek,North Pecan Creek-Denton Creek,Catlett Creek-Sweetwater Creek,Morris Branch-Denton Creek,Oliver Creek,Headwaters Elizabeth Creek,Henrietta Creek,Elizabeth Creek-Denton Creek	Other	919.75	Riverine	Wise SWCD	Wise SWCD



FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000465	Upper Sabine SWCD Watershed-wide Dam Evaluations	N	\$454,000	Local, State	27	16	7	0	0	-	3.90	2,148.00	-	-
031000466	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	N	\$250,000	Local, State	25	25	166	0	2	-	0.47	0.00	-	-
031000467	Floodplain Evaluation of Kings Branch and Farmers Branch	N	\$250,000	Local, State	11,323	10,342	44,396	1,012	23	-	509.64	444.07	-	-
031000468	Wise SWCD Watershed-wide Dam Evaluations	N	\$678,000	Local, State	1,666	1,309	3,196	0	16	-	99.83	64,423.83	-	-

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000469	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	Analysis of the flood mitigation value of select nature based solutions at varying scales and land use types basin wide.	03000007, 03000008	Anderson, Archer, Chambers, Clay, Collin, Cooke, Dallas, Denton, Ellis, Fannin, Freestone, Grayson, Grimes, Hardin, Henderson, Hill, Hood, Houston, Hunt, Jack, Johnson, Kaufman, Leon, Liberty, Limestone, Madison, Montague, Navarro, Parker, Polk, Rockwall, San Jacinto, Tarrant, Trinity, Van Zandt, Walker, Wise, Young	12030101, 12030102, 12030103, 12030104, 12030105, 12030106, 12030107, 12030108, 12030109, 12030201, 12030202, 12030203	120301010101, 120301010102, 120301010103, 120301010104, 120301010105, 120301010106, 120301010107, 120301010201, 120301010202, 120301010203, 120301010204, 120301010205, 120301010206, 120301010207, 120301010208, 120301010301, 120301010302, 120301010303, 120301010304, 120301010401, 120301010402, 120301010403, 120301010404, 120301010405, 120301010406, 120301010407, 120301010408, 120301010409, 120301010410, 120301010411, 120301010501, 120301010502, 120301010503, 120301010504, 120301010505, 120301010506, 120301010507, 120301010508, 120301010509, 120301010510, 120301010511, 120301010601, 120301010602, 120301010603, 120301010604, 120301010605, 120301010606, 120301010607, 120301010608, 120301010609, 120301010610, 120301020101	Cameron Creek-West Fork Trinity River, Big Cleveland Creek-West Fork Trinity River, Lost Creek-West Fork Trinity River, Lake Bridgeport-West Fork Trinity River, Big Sandy Creek, West Fork Trinity River-Eagle Mountain Lake, Lake Worth-West Fork Trinity River, Upper Clear Fork Trinity River, Lower Clear Fork Trinity River, Village Creek, Big Fossil Creek-West Fork Trinity River, Mountain Creek-Mountain Creek Lake, Mountain Creek-West Fork Trinity River, Headwaters Elm Fork Trinity River, Buck Creek-Isle du Bois Creek, Isle du Bois Creek-Elm Fork Trinity River, Spring Creek-Elm Fork Trinity River, Blocker Creek-Clear Creek, Duck Creek-Clear Creek, Little Elm Creek-Little Elm Reservoir, Hickory Creek-Little Elm Reservoir, Elm Fork Trinity River-Little Elm Reservoir, Timber Creek-Elm Fork Trinity River, Upper Denton Creek, Middle Denton Creek, Lower Denton Creek, Headwaters Trinity River, Tenmile Creek-Trinity River, Red Oak Creek, Village Creek-Trinity River, Rush Creek-Trinity River, Indian Creek-Pilot Grove Creek, East Fork Trinity River-Levon Lake, Pilot Grove Creek-Lavon Lake, East Fork Trinity River-Lake Ray Hubbard, Duck Creek-East Fork Trinity River, Kings Creek-Cedar Creek Reservoir, Cedar Creek-Cedar Creek Reservoir, Cedar Creek Reservoir-Cedar Creek, Richland Creek-	Watershed Planning	17,914.00	Riverine	The Nature Conservancy (TNC)	The Nature Conservancy (TNC)
031000470	City of Normangee Watershed-wide Dam Evaluations	City of Normangee watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Madison, Leon	12030202, 12070103	120302020402, 120701030504	East Caney Creek-Caney Creek	Other	1.14	Riverine	Normangee	Normangee
031000471	Tri-City Gully Improvements Study	Study to provide channel modifications to Tri-City Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay	03000029, 03000030	Chambers	12040203	120402030106, 120402030200	Cedar Bayou-Frontal Galveston Bay	Project Planning	1.15	Riverine, Coastal	Chambers County	Chambers County
031000472	Skylane Gully Improvements Study	Study to provide channel modifications to Skylane Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030106, 120402030200	Cotton Bayou-Frontal Trinity Bay, Cedar Bayou-Frontal Galveston Bay	Project Planning	3.68	Riverine, Coastal	Chambers County	Chambers County
031000473	Point Barrow Gully Improvements Study	Study to provide channel modifications to Point Barrow Gully to improve conveyance from downstream of McCollum Park Road to the outfall into Trinity Bay	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030200	Cotton Bayou-Frontal Trinity Bay, Cedar Bayou-Frontal Galveston Bay	Project Planning	1.24	Riverine, Coastal	Chambers County	Chambers County
031000474	Cedar Gully Improvements Study	Study to provide channel modifications to Cedar Gully upstream of FM 2354 to improve conveyance to outfall into Trinity Bay	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030106, 120402030200	Cotton Bayou-Frontal Trinity Bay, Cedar Bayou-Frontal Galveston Bay	Project Planning	3.94	Riverine, Coastal	Chambers County	Chambers County
031000475	Hackberry Gully Improvements Study	Study to implement either diversion, detention or channel modifications to Hackberry Gully to improve conveyance from downstream of IH-10 to confluence with Cotton Bayou	03000029, 03000030	Chambers	12030203, 12040203	120302030304, 120302030306, 120302030307, 120402030105, 120402030106	Lynchburg Canal-Old River, Lost River-Old River, Cotton Bayou-Frontal Trinity Bay	Project Planning	5.79	Riverine, Coastal	Chambers County	Chambers County
031000476	Spring Creek Gully Improvements Study	Assessment of implementation of detention, conveyance improvements, or a diversion for Spring Creek	03000029, 03000030	Chambers	12030203	120302030307	Cotton Bayou-Frontal Trinity Bay	Project Planning	0.78	Riverine, Coastal	Chambers County	Chambers County
031000477	Cotton Bayou Improvements Study	Study to implement diversion, detention or channel modifications to Cotton Bayou to improve conveyance from downstream of IH-10 to confluence with Hackberry Gully	03000029, 03000030	Chambers	12030203, 12040203	120302030304, 120302030306, 120302030307, 120402030105	Lynchburg Canal-Old River, Lost River-Old River, Cotton Bayou-Frontal Trinity Bay	Project Planning	5.36	Riverine, Coastal	Chambers County	Chambers County
031000478	Floodplain Mapping Updates of Bakers Branch Tributary 1	Floodplain mapping of Bakers Branch Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040307	Lower Denton Creek	Watershed Planning	0.27	Riverine	Flower Mound	Flower Mound
031000479	Floodplain Mapping Updates of Bakers Branch Tributary 2	Floodplain mapping of Bakers Branch Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040307	Lower Denton Creek	Watershed Planning	0.24	Riverine	Flower Mound	Flower Mound

DRAFT Amended Plan TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG (New Potential FMEs only)

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031000469	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	N	\$742,000	State, Other	2,454,974	2,134,138	7,854,082	251,531	2,415	-	123,077.77	5,968,380.19	-	-
031000470	City of Normangee Watershed-wide Dam Evaluations	N	\$58,000	Local, State	21	2	8	0	0	-	0.72	23.11	-	-
031000471	Tri-City Gully Improvements Study	N	\$100,000	Local, State	9	9	25	0	0	-	0.39	40.88	-	-
031000472	Skylane Gully Improvements Study	N	\$150,000	Local, State	114	97	264	0	0	-	0.99	132.77	-	-
031000473	Point Barrow Gully Improvements Study	N	\$100,000	Local, State	45	40	93	0	0	-	0.11	57.92	-	-
031000474	Cedar Gully Improvements Study	N	\$150,000	Local, State	20	18	47	0	0	-	0.25	29.61	-	-
031000475	Hackberry Gully Improvements Study	N	\$150,000	Local, State	248	242	339	0	0	-	3.57	256.54	-	-
031000476	Spring Creek Gully Improvements Study	N	\$100,000	Local, State	17	13	21	0	0	-	0.21	22.99	-	-
031000477	Cotton Bayou Improvements Study	N	\$150,000	Local, State	519	443	4,176	0	0	-	7.23	775.22	-	-
031000478	Floodplain Mapping Updates of Bakers Branch Tributary 1	N	\$56,000	Local, State	526	504	1,557	45	0	-	36.97	6.35	-	-
031000479	Floodplain Mapping Updates of Bakers Branch Tributary 2	N	\$56,000	Local, State	346	340	1,460	43	0	-	37.12	0.24	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000480	Floodplain Mapping Updates of Bakers Branch	Floodplain mapping updates on Bakers Branch to establish base flood elevations and convert Zone A to Zone AE via LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040307	Lower Denton Creek	Watershed Planning	2.92	Riverine	Flower Mound	Flower Mound
031000481	Floodplain Mapping Updates of Graham Branch Tributary 3	Floodplain mapping of Graham Branch Tributary 3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040304	Lower Denton Creek	Watershed Planning	0.44	Riverine	Flower Mound	Flower Mound
031000482	Floodplain Mapping Updates of Graham Branch Tributary 9	Floodplain mapping of Graham Branch Tributary 9 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040304	Lower Denton Creek	Watershed Planning	0.16	Riverine	Flower Mound	Flower Mound
031000483	Floodplain Mapping Updates of Graham Branch Tributary 10	Floodplain mapping of Graham Branch Tributary 10 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040304	Lower Denton Creek	Watershed Planning	0.82	Riverine	Flower Mound	Flower Mound
031000484	Floodplain Mapping Updates of Graham Branch	Floodplain mapping of Graham Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040304	Lower Denton Creek	Watershed Planning	9.97	Riverine	Flower Mound	Flower Mound
031000485	Floodplain Mapping Updates of McKamy Creek	Floodplain mapping of McKamy Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040306	Lower Denton Creek	Watershed Planning	2.89	Riverine	Flower Mound	Flower Mound
031000486	Floodplain Mapping Updates of Sharps Branch Tributary 3	Floodplain mapping of Sharps Branch Tributary 3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040305	Lower Denton Creek	Watershed Planning	0.71	Riverine	Flower Mound	Flower Mound
031000487	Floodplain Mapping Updates of Sharps Branch	Floodplain mapping of Sharps Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040305	Lower Denton Creek	Watershed Planning	4.15	Riverine	Flower Mound	Flower Mound
031000488	Floodplain Mapping Updates of Stream SB-1 Tributary 1	Floodplain mapping of Stream SB-1 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040305	Lower Denton Creek	Watershed Planning	0.40	Riverine	Flower Mound	Flower Mound
031000489	Floodplain Mapping Updates of Stream SB-1 Tributary 2	Floodplain mapping of Stream SB-1 Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040305	Lower Denton Creek	Watershed Planning	0.28	Riverine	Flower Mound	Flower Mound
031000490	Floodplain Mapping Updates of Stream SB-1	Floodplain mapping of Stream SB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040305	Lower Denton Creek	Watershed Planning	1.47	Riverine	Flower Mound	Flower Mound
031000491	Floodplain Mapping Updates of Stream WB-1	Floodplain mapping of Stream WB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040304	Lower Denton Creek	Watershed Planning	2.91	Riverine	Flower Mound	Flower Mound
031000492	Floodplain Mapping Updates of Stream WC-1	Floodplain mapping of Stream WC-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040306	Lower Denton Creek	Watershed Planning	0.40	Riverine	Flower Mound	Flower Mound
031000493	Floodplain Mapping Updates of Stream WC-3	Floodplain mapping of Stream WC-3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040306	Lower Denton Creek	Watershed Planning	0.17	Riverine	Flower Mound	Flower Mound
031000494	Floodplain Mapping Updates of Stream WC-4	Floodplain mapping of Stream WC-4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040306	Lower Denton Creek	Watershed Planning	0.48	Riverine	Flower Mound	Flower Mound
031000495	Floodplain Mapping Updates of TC-2 Tributary 2	Floodplain mapping of TC-2 Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.20	Riverine	Flower Mound	Flower Mound
031000496	Floodplain Mapping Updates of TC-2 Tributary 4	Floodplain mapping of TC-2 Tributary 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.35	Riverine	Flower Mound	Flower Mound

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031000480	Floodplain Mapping Updates of Bakers Branch	N	\$61,000	Local, State	2,371	2,254	8,094	237	1	-	141.40	248.41	-	-
031000481	Floodplain Mapping Updates of Graham Branch Tributary 3	N	\$57,000	Local, State	3	0	4	24	0	-	12.67	259.93	-	-
031000482	Floodplain Mapping Updates of Graham Branch Tributary 9	N	\$56,000	Local, State	3	2	4	12	0	-	5.01	45.70	-	-
031000483	Floodplain Mapping Updates of Graham Branch Tributary 10	N	\$59,000	Local, State	40	27	105	29	0	-	13.68	461.37	-	-
031000484	Floodplain Mapping Updates of Graham Branch	N	\$80,000	Local, State	398	218	833	253	0	-	124.50	4,591.68	-	-
031000485	Floodplain Mapping Updates of McKamy Creek	N	\$65,000	Local, State	1,519	1,492	5,175	174	0	-	87.68	92.50	-	-
031000486	Floodplain Mapping Updates of Sharps Branch Tributary 3	N	\$59,000	Local, State	124	43	313	53	0	-	20.69	338.92	-	-
031000487	Floodplain Mapping Updates of Sharps Branch	N	\$64,000	Local, State	948	746	2,078	163	0	-	95.05	1,188.24	-	-
031000488	Floodplain Mapping Updates of Stream SB-1 Tributary 1	N	\$60,000	Local, State	58	41	63	163	0	-	11.22	210.85	-	-
031000489	Floodplain Mapping Updates of Stream SB-1 Tributary 2	N	\$56,000	Local, State	123	111	198	25	0	-	21.33	71.06	-	-
031000490	Floodplain Mapping Updates of Stream SB-1	N	\$57,000	Local, State	406	373	816	60	0	-	42.46	461.07	-	-
031000491	Floodplain Mapping Updates of Stream WB-1	N	\$63,000	Local, State	436	279	1,088	87	0	-	26.11	1,048.83	-	-
031000492	Floodplain Mapping Updates of Stream WC-1	N	\$58,000	Local, State	116	111	580	26	0	-	15.98	73.77	-	-
031000493	Floodplain Mapping Updates of Stream WC-3	N	\$56,000	Local, State	69	66	254	14	0	-	13.88	32.41	-	-
031000494	Floodplain Mapping Updates of Stream WC-4	N	\$56,000	Local, State	59	49	184	29	0	-	34.63	206.29	-	-
031000495	Floodplain Mapping Updates of TC-2 Tributary 2	N	\$56,000	Local, State	388	382	1,133	41	0	-	44.94	3.14	-	-
031000496	Floodplain Mapping Updates of TC-2 Tributary 4	N	\$56,000	Local, State	484	421	2,085	57	0	-	30.78	11.26	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000497	Floodplain Mapping Updates of Timber Creek Tributary 9	Floodplain mapping of Timber Creek Tributary 9 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.18	Riverine	Flower Mound	Flower Mound
031000498	Floodplain Mapping Updates of Timber Creek Tributary 10	Floodplain mapping of Timber Creek Tributary 10 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.06	Riverine	Flower Mound	Flower Mound
031000499	Floodplain Mapping Updates of Timber Creek Tributary 11	Floodplain mapping of Timber Creek Tributary 11 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.22	Riverine	Flower Mound	Flower Mound
031000500	Floodplain Mapping Updates of Timber Creek Tributary 13	Floodplain mapping of Timber Creek Tributary 13 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.09	Riverine	Flower Mound	Flower Mound
031000501	Floodplain Mapping Updates of Timber Creek Tributary 16	Floodplain mapping of Timber Creek Tributary 16 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	1.32	Riverine	Flower Mound	Flower Mound
031000502	Floodplain Mapping Updates of Timber Creek Tributary 17	Floodplain mapping of Timber Creek Tributary 17 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.38	Riverine	Flower Mound	Flower Mound
031000503	Floodplain Mapping Updates of Timber Creek Tributary 18	Floodplain mapping of Timber Creek Tributary 18 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.34	Riverine	Flower Mound	Flower Mound
031000504	Floodplain Mapping Updates of Tributary C to Timber Creek	Floodplain mapping of Tributary C to Timber Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning	0.48	Riverine	Flower Mound	Flower Mound
031000505	Floodplain Mapping Updates of Unnamed 4	Floodplain mapping of Unnamed 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040305	Lower Denton Creek	Watershed Planning	3.06	Riverine	Flower Mound	Flower Mound
031000506	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	Floodplain mapping of Unnamed 5 Tributary 1.2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040306	Lower Denton Creek	Watershed Planning	0.09	Riverine	Flower Mound	Flower Mound
031000507	Floodplain Mapping Updates of Unnamed 5 Tributary 1	Floodplain mapping of Unnamed 5 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040306	Lower Denton Creek	Watershed Planning	0.68	Riverine	Flower Mound	Flower Mound
031000508	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	Floodplain mapping of Unnamed Tributary to Bakers Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040307	Lower Denton Creek	Watershed Planning	0.19	Riverine	Flower Mound	Flower Mound
031000509	Floodplain Mapping Updates of WB-1 Tributary 1	Floodplain mapping of WB-1 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	12030104	120301040304	Lower Denton Creek	Watershed Planning	0.07	Riverine	Flower Mound	Flower Mound
031000510	Floodplain Mapping Updates of Whites Branch Tributary 2.1	Floodplain mapping updates of Whites Branch Tributary 2.1. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040304	Denton Creek-Grapevine Lake	Watershed Planning	0.23	Riverine	Flower Mound	Flower Mound
031000511	Floodplain Mapping Updates of Whites Branch Tributary 2	Floodplain mapping updates of Whites Branch Tributary 2. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040304	Denton Creek-Grapevine Lake	Watershed Planning	1.52	Riverine	Flower Mound	Flower Mound
031000512	Floodplain Mapping Updates of Whites Branch	Floodplain mapping updates of Whites Branch. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040304, 120301040305	Denton Creek-Grapevine Lake, Marshall Branch-Grapevine Lake	Watershed Planning	1.01	Riverine	Flower Mound	Flower Mound
031000513	Floodplain Mapping Updates of Wichita Chase Tributary	Floodplain mapping updates of Wichita Chase Tributary. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030103, 12030104	120301031002, 120301040306	Timber Creek, Dove Creek-Grapevine Lake	Watershed Planning	1.06	Riverine	Flower Mound	Flower Mound
031000514	Floodplain Mapping Updates of Wichita Creek	Floodplain mapping updates of Wichita Creek. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040306	Dove Creek-Grapevine Lake	Watershed Planning	0.49	Riverine	Flower Mound	Flower Mound



DRAFT Amended Plan TWDB-Required Table 12: Potential Flood Management Evaluations Identified by RFPG (New Potential FMEs only)

FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000497	Floodplain Mapping Updates of Timber Creek Tributary 9	N	\$56,000	Local, State	248	231	1,483	27	0	-	15.36	0.92	-	-
031000498	Floodplain Mapping Updates of Timber Creek Tributary 10	N	\$55,000	Local, State	162	157	676	17	0	-	14.96	0.00	-	-
031000499	Floodplain Mapping Updates of Timber Creek Tributary 11	N	\$56,000	Local, State	384	376	1,142	38	0	-	37.01	0.15	-	-
031000500	Floodplain Mapping Updates of Timber Creek Tributary 13	N	\$56,000	Local, State	159	153	865	13	0	-	15.47	0.00	-	-
031000501	Floodplain Mapping Updates of Timber Creek Tributary 16	N	\$56,000	Local, State	874	811	6,930	85	0	-	71.01	260.14	-	-
031000502	Floodplain Mapping Updates of Timber Creek Tributary 17	N	\$57,000	Local, State	413	396	1,359	53	0	-	56.65	47.87	-	-
031000503	Floodplain Mapping Updates of Timber Creek Tributary 18	N	\$56,000	Local, State	444	423	1,456	42	0	-	48.53	17.80	-	-
031000504	Floodplain Mapping Updates of Tributary C to Timber Creek	N	\$56,000	Local, State	625	605	4,355	57	0	-	46.93	0.22	-	-
031000505	Floodplain Mapping Updates of Unnamed 4	N	\$60,000	Local, State	605	605	2,154	57	0	-	46.93	421.91	-	-
031000506	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	N	\$58,000	Local, State	91	91	484	29	0	-	7.99	4.27	-	-
031000507	Floodplain Mapping Updates of Unnamed 5 Tributary 1	N	\$57,000	Local, State	524	507	2,129	79	0	-	33.78	68.03	-	-
031000508	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	N	\$56,000	Local, State	245	237	1,248	37	0	-	34.91	0.23	-	-
031000509	Floodplain Mapping Updates of WB-1 Tributary 1	N	\$59,000	Local, State	2	0	21	7	0	-	1.80	12.91	-	-
031000510	Floodplain Mapping Updates of Whites Branch Tributary 2.1	N	\$58,000	Local, State	0	0	0	0	0	-	0.05	18.30	-	-
031000511	Floodplain Mapping Updates of Whites Branch Tributary 2	N	\$61,000	Local, State	0	0	0	0	0	-	0.05	55.35	-	-
031000512	Floodplain Mapping Updates of Whites Branch	N	\$67,000	Local, State	0	0	0	0	0	-	0.00	17.55	-	-
031000513	Floodplain Mapping Updates of Wichita Chase Tributary	N	\$60,000	Local, State	0	0	0	0	0	-	0.05	9.53	-	-
031000514	Floodplain Mapping Updates of Wichita Creek	N	\$64,000	Local, State	0	0	0	0	0	-	0.42	3.90	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000515	Hydrologic Updates of Town Wide Fully Developed Hydrology	Hydrologic updates to Town of Flower Mound's Town Wide Fully Developed Hydrologic Model.	03000005, 03000006	Tarrant, Dallas, Denton	12030102, 12030103, 12030104	120301020703, 120301030902, 120301030905, 120301030906, 120301031001, 120301030805, 120301031002, 120301031004, 120301031005, 120301030804, 120301040307, 120301040205, 120301040301, 120301040302, 120301040306, 120301040303, 120301040304, 120301040305	Big Bear Creek, Middle Hickory Creek, Lower Hickory Creek, Pecan Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Timber Creek, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Hog Branch-Denton Creek, Headwaters Elizabeth Creek, Henrietta Creek, Elizabeth Creek-Denton Creek, Denton Creek-Grapevine Lake, Marshall Branch-Grapevine Lake, Dove Creek-Grapevine Lake, Cottonwood Branch-Denton Creek	Watershed Planning	242.27	Riverine	Flower Mound	Flower Mound
031000516	Kaufman County Countywide Drainage Study - Phase 2	Kaufman Countywide Drainage Study – Phase 2. Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	03000007, 03000008	Kaufman	12010001, 12030105, 12030106, 12030107	120100010503, 120100010501, 120100010502, 120100010504, 120100010301, 120100010303, 120100010404, 120100010302, 120100010405, 120301050406, 120301050106, 120301050205, 120301050104, 120301050105, 120301050203, 120301050204, 120301050306, 120301050401, 120301050402, 120301050403, 120301050405, 120301050407, 120301050408, 120301050501, 120301050504, 120301060401, 120301060402, 120301060502, 120301060503, 120301060407, 120301060408, 120301060501, 120301060504, 120301060505, 120301060506, 120301060507, 120301060409, 120301070107, 120301070109, 120301070106, 120301070108, 120301070110, 120301070111, 120301070201, 120301070202, 120301070101, 120301070102, 120301070103, 120301070104, 120301070105, 120301070302, 120301070205	Prairie Creek-Trinity River, Floyd Branch-White Rock Creek, White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek, Hickory Creek-Parsons Slough, Parsons Slough-Trinity River, Caney Creek-Trinity River, Bridge Creek-Trinity River, Trinidad Lake-Trinity River, Lower Red Oak Creek, Headwaters Old Channel East Fork Trinity River, Old Channel East Fork Trinity River-Trinity River, Smith Creek-Trinity River, Coal Iron Creek-Cottonwood Creek, Headwaters Bois d'Arc Creek, Bois d'Arc Creek-Trinity River, Cottonwood Creek-East Fork Trinity River, Pittman Creek-Spring Creek, Camp Creek-Lake Ray Hubbard, Rowlett Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek, Long Branch-Buffalo Creek, North Mesquite Creek-East Fork Trinity River, South Mesquite Creek, Mustang Creek-East Fork Trinity River, Anthony Branch-Buffalo Creek, White House Ridge-East Fork Trinity River, Lacy Fork-Cedar Creek Reservoir, Upper Big Brushy Creek, High Point Creek, Middle Big Brushy Creek, Lower Big Brushy Creek, Headwaters Kings Creek, Eagans Branch-Kings Creek, Little Brushy Creek-Kings Creek, Big Cottonwood Creek-Kings Creek, Headwaters Big Cottonwood Creek, Little Cottonwood Creek-Kings Creek Town of Kemp-	Watershed Planning	1,117.90	Riverine	Kaufman County	Kaufman County
031000517	Phase #2 of Stormwater Master Plan	Part of the City of Denton's Comprehensive Storm Water Master Plan. This study identifies potential flood risk and develops projects that will reduce flooding by improving the efficiency of the storm sewers.	03000009, 03000010, 03000031, 03000032	Denton	12030103	120301030804	Hickory Creek-Little Elm Reservoir	Watershed Planning	100.82	Riverine	Denton	Denton
031000518	Copper Canyon Master Drainage Plan/Study	Evaluate City and identify future projects.	03000009, 03000010, 03000031, 03000032	Denton	12030103	120301030805	Lower Hickory Creek	Watershed Planning	4.55	Riverine	Copper Canyon	Copper Canyon
031000519	Mill Creek Drainage Relief System - Upper-Middle Improvements	Proposed lateral improvements, tunnel alignments, and trunk improvements for overall drainage relief. Anticipated const. cost = \$35,509,837	03000013, 03000014, 03000031, 03000032	Dallas	12030102, 12030105	120301020101, 120301050108, 120301050106, 120301050105	Turtle Creek, White Rock Creek-White Rock Lake, City of Callas-White Rock Creek, Fivemile Creek-Trinity River	Project Planning	18.16	Urban	Dallas	Dallas
031000520	Village Creek Clubhouse Dr Improvements – Culverts	Study to assess the efficacy of alleviating overtopping of Clubhouse Dr by raising the roadway elevation and either improving culverts or replacing them with a 375' bridge.	03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning	0.60	Riverine	Burleson	Burleson
031000521	Montclair No 2 & 3 Drainage Improvements (Alternative 2)	Study to mitigate proposed improvements include a new storm drainage system along La Jolla from previous study. Alternative 2 includes additional inlets on Intervale Drive, Mill River Drive, La Jolla Drive, and Birchwood Drive.	03000031, 03000032	Dallas	12030106	120301060501	Duck Creek	Project Planning	0.10	Urban	Garland	Garland
031000522	Terrell KC2 Watershed Drainage Improvements	Proposed drainage improvements throughout watershed including increased culvert crossings, upsized storm drains, and channel improvements to alleviate watershed flooding	03000013, 03000014, 03000031, 03000032	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning	0.88	Riverine	Terrell	Terrell

FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000515	Hydrologic Updates of Town Wide Fully Developed Hydrology	N	\$5,181,000	Local, State	1,485	1,259	13,218	0	37	-	100.79	4,911.32	-	-
031000516	Kaufman County Countywide Drainage Study - Phase 2	N	\$250,000	Local, State	4,233	3,520	15,711	0	91	-	230.37	108,152.98	-	-
031000517	Phase #2 of Stormwater Master Plan	N	\$250,000	Local, State	38,076	31,686	146,583	4,157	41	-	1,717.31	33,143.91	-	-
031000518	Copper Canyon Master Drainage Plan/Study	N	\$250,000	Local, State	816	526	1,868	133	0	-	57.82	1,465.95	-	-
031000519	Mill Creek Drainage Relief System - Upper-Middle Improvements	N	\$500,000	Local, State	28,854	24,396	118,264	2,321	9	-	1,293.62	172.01	-	-
031000520	Village Creek Clubhouse Dr Improvements – Culverts	N	\$1,065,000	Local, State	33	32	155	0	0	-	0.76	17.53	-	-
031000521	Montclair No 2 & 3 Drainage Improvements (Alternative 2)	N	\$250,000	Local, State	3	3	5	0	0	-	0.22	0.00	-	-
031000522	Terrell KC2 Watershed Drainage Improvements	N	\$4,794,000	Local, State	66	66	168	0	0	-	1.54	2.51	-	-

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watersheds	Study Type	FME Area (sqmi)	Flood Risk Type	Sponsor	Entities with Oversight
031000523	DMP Phase 1: Anderson Street (Project 3)	Study to alleviate flooding on Anderson Street through the implementation of a detention basin, additional inlets, and an additional storm drain	03000031, 03000032	Ellis	12030109	120301090302	Upper Waxahachie Creek	Project Planning	0.04	Riverine	Waxahachie	Waxahachie

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FME ID	FME Name	Emergency Need	Estimated Study Cost (2020 \$)	Potential Funding Sources and Amount	Estimated number of structures at flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road segment closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Existing or Anticipated Models (year)	Existing or Anticipated Maps (year)
031000523	DMP Phase 1: Anderson Street (Project 3)	N	\$337,000	Local, State	6	6	16	0	0	-	0.49	0.00	-	-

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FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watersheds	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
03300062	Hickory Creek Flood Protection - Alternative 1	Hickory Creek Drainage Improvements project 2022 update based on input from the City of Balch Springs. Alternative 1 involves storm water detention pond facilities & the removal of Stein Road at river station 54955 on Hickory Creek was included	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000027, 03000028, 03000029, 03000030	Dallas	120301050204	Hickory Creek-Parsons Slough	Regional Detention	0.12	Urban	Balch Springs
03300063	Hickory Creek Flood Protection - Alternative 2	Hickory Creek Drainage Improvements project 2022 update has input from the City of Balch Springs. Alternative 2 involves channel modifications on Hickory Creek & detention, & the removal of Stein Road at river station 54955 on Hickory Creek was included	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000027, 03000028, 03000029, 03000030	Dallas	120301050204	Hickory Creek-Parsons Slough	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.13	Urban	Balch Springs
03300064	Hickory Creek Flood Protection - Alternative 3	Hickory Creek Drainage Improvements project 2022 update based on input from the City of Balch Springs. Alternative 3 involves levee protection with channel modifications & the removal of Stein Road at river station 54955 on Hickory Creek was included	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000027, 03000028, 03000029, 03000030	Dallas	120301050204	Hickory Creek-Parsons Slough	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.13	Urban	Balch Springs
03300065	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Implement safety improvements including high-water warning flashers, staff gauges, flood hazard signs, and additional light fixtures at four crossings along Town Creek in Burleson: Tarrant Ave, Warren St, Johnson Ave, and Newton Dr.	03000003, 03000004	Johnson	120301020401	Quil Miller Creek-Village Creek	Flood Early Warning Systems	0.40	Riverine	Burleson
03300067	Ansley Dr. Storm Sewer System Improvement	Replace 1400 LF concrete drainage channel with storm sewer, 6 storm sewer inlets to replace curb cuts drain into existing channel, upgrading existing junction box for storm sewer, & pavement above proposed storm sewer between Burton Hill Road & Oaks Lane	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	120301020105	Farmers Branch - West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.01	Urban	Westworth Village
03300068	Main A pump station and conveyance improvements	The proposed improvements include the rehabilitation and upsizing of Pump Station A, upsizing the North Travis Street Culverts to 5-8'x8' box culverts, and channel improvements along the Main A channel.	03000013, 03000014, 03000031, 03000032	Liberty	120302030301	Linney Creek-Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	1.14	Riverine	Liberty County Water Control Improvement District #5
03300069	Highland Ave. Drainage Improvements	Upsize Highland SD system from Sycamore St through W Marvin Ave to 10'x4' RCB & add 36" RCP at UPRR culvert. Acquire parcels along creek south of BNSF RR to detain 64,000 CY. Install drop inlet at Harding St. & W. Main St., & add 24" RCP along Highland	03000014, 03000018, 03000032	Ellis	120301090302	Upper Waxahachie Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.59	Riverine	Waxahachie
03300070	Fairgrounds Detention Option 3	Detention upstream of Denton Center Shopping Mall along North Pecan Creek	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000029, 03000030	Denton	120301030902	Pecan Creek - Lewisville Lake	Regional Detention	5.13	Urban	Denton
03300071	Design/Construction for Holland Lake Spillway	Upgrade dam to be able to pass the 25% PMF and meet TCEQ dam safety requirements. Add an emergency spillway through the right abutment of the dam along with raising the top of dam elevation.	03000013, 03000014, 03000031, 03000032, 03000033, 03000034	Parker	120301020206	Brogden Branch-Town Creek	Dam Improvements, Maintenance and Repair	0.29	Riverine	Weatherford
03300072	Elkins Lake Dam Rehabilitation	Modify dam to pass required 75% PMF and meet TCEQ criteria. Addition of two 60-in diameter culverts to the existing spillway and widening of vegetated approach channel. Raise the crest of the dam to 569.5 ft.	03000013, 03000014, 03000031, 03000032, 03000033, 03000034	Tarrant	120301020405	Rush Creek-Village Creek	Dam Improvements, Maintenance and Repair	0.24	Riverine	Dalworthington Gardens
03300073	Bonneville/Greenbrook Drainage Improvement	Proposed improvements include realignment of storm drain, upsizing of existing trunk lines, and addition of curb inlets through Greenbrook Dr and Huntwick. Includes construction of Downstream Channel Improvement Option 1 to offset negative impacts	03000013, 03000014, 03000031, 03000032	Tarrant	120301020405	Rush Creek - Village Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.05	Urban	Arlington
03300074	Lebow Flood Mitigation Project	Improve storm water conveyance while minimizing impact on existing residential structures, maintain a 'no-rise' condition in the existing 100-yr WSE. The project includes: Section 404 permit, phased implementation, and utility relocations.	03000013, 03000014, 03000015, 03000016, 03000027, 03000028, 03000029, 03000030	Tarrant	120301020501	Marine Creek-West Fork Trinity River	Regional Detention	0.44	Urban	Fort Worth
03300075	Village Creek [Dobson St (CR 714)] Safety Improvements	Implement safety improvements including automatic closure gates with flashers on the north and south side of the floodplain, flood hazard signs and staff gauges at CR 714 along Village Creek in Burleson.	03000003, 03000004	Johnson	120301020401	Quil Miller Creek-Village Creek	Flood Early Warning Systems	0.33	Riverine	Burleson



FMP ID	FMP Name	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk										Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
						Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100yr flood risk	Estimated Population at 100yr flood risk	Critical facilities at 100yr flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100yr flood risk (Miles)	Estimated farm & ranch land at 100yr flood risk (acres)			
033000062	Hickory Creek Flood Protection - Alternative 1	Balch Springs	N	\$27,272,000	State, Local	0.10	N/A	124	109	462	103	7	53	4.21	33.41	10	31	N/A
033000063	Hickory Creek Flood Protection - Alternative 2	Balch Springs	N	\$30,531,000	State, Local	0.11	N/A	124	109	462	103	7	53	4.21	33.41	12	30	N/A
033000064	Hickory Creek Flood Protection - Alternative 3	Balch Springs	N	\$30,671,000	State, Local	0.11	N/A	124	109	462	103	7	53	4.21	33.41	14	49	N/A
033000065	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Burleson	N	\$367,000	State, Local	0.10	N/A	52	45	148	4	4	11	0.99	0.01	0	0	N/A
033000067	Ansley Dr. Storm Sewer System Improvement	Westworth Village	N	\$4,225,000	State, Local	0.08	N/A	2	0	589	1	0	3	0.14	0.00	0	2	N/A
033000068	Main A pump station and conveyance improvements	Liberty County Water Control Improvement District #5	N	\$7,639,000	State, Local	0.60	N/A	217	155	2,008	2	0	34	5.13	39.97	18	167	N/A
033000069	Highland Ave. Drainage Improvements	Waxahachie	N	\$9,365,000	State, Local	0.09	N/A	127	90	830	0	0	25	1.29	0.01	46	20	N/A
033000070	Fairgrounds Detention Option 3	Denton	N	\$24,234,000	State, Local	0.46	N/A	469	281	6,458	40	35	30	8.48	21.80	0	114	N/A
033000071	Design/Construction for Holland Lake Spillway	Weatherford	N	\$3,860,000	State, Local	0.02	N/A	1	1	2	0	0	0	0.00	0.00	0	1	N/A
033000072	Elkins Lake Dam Rehabilitation	Dalworthington Gardens	N	\$1,705,000	State, Local	0.009	N/A	0	0	0	0	0	0	0.00	0.00	0	0	0
033000073	Bonneville/Greenbrook Drainage Improvement	Arlington	N	\$4,939,000	State, Local	0.02	N/A	14	14	44	0	0	4	0.25	0.00	14	12	N/A
033000074	Lebow Flood Mitigation Project	Fort Worth	N	\$84,725,000	State, Local	0.22	N/A	321	306	1,246	9	29	55	4.21	0.00	95	277	N/A
033000075	Village Creek [Dobson St (CR 714)] Safety Improvements	Burleson	N	\$273,000	State, Local	0.09	N/A	8	8	18	1	1	2	0.49	0.04	0	0	N/A

FMP ID	FMP Name	Reduction in Flood Risk									Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)
		Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)							
033000062	Hickory Creek Flood Protection - Alternative 1	29	90	8	0	46	0.63	7.18	-	-	<2-yr	25-yr	\$ 880,000	15.0%	N	N	0.83
033000063	Hickory Creek Flood Protection - Alternative 2	27	90	8	0	46	0.63	7.18	-	-	<2-yr	25-yr	\$ 1,018,000	10.0%	N	N	0.83
033000064	Hickory Creek Flood Protection - Alternative 3	43	152	8	0	46	0.93	7.18	-	-	<2-yr	50-yr	\$ 626,000	52.0%	N	N	0.83
033000065	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	0	0	0	0	0	0.00	0.00	-	-	<2-yr	<2-yr	N/A	0.0%	N	N	0.21
033000067	Ansley Dr. Storm Sewer System Improvement	0	589	1	0	0	0.14	0.00	-	-	1-yr	100-yr	\$ 2,113,000	0.0%	N	N	0.22
033000068	Main A pump station and conveyance improvements	123	1,850	1	0	20	4.05	8.87	-	-	<5-yr	10-yr	\$ 46,000	0.0%	N	N	0.69
033000069	Highland Ave. Drainage Improvements	20	33	0	0	0	0.24	0.003	-	-	<1-yr	100-yr	\$ 468,000	0.0%	N	N	0.61
033000070	Fairgrounds Detention Option 3	37	1,228	5	22	5	2.51	2.20	-	-	10-yr	100-yr	\$ 213,000	0.0%	N	N	0.56
033000071	Design/Construction for Holland Lake Spillway	1	2	0	0	0	0.00	0.00	-	-	<100-yr	100-yr	\$ 3,860,000	0.0%	N	N	0.51
033000072	Elkins Lake Dam Rehabilitation	0	0	0	0	0	0.00	0.00	-	-	>100-yr	>100-yr	N/A	0.0%	N	N	0.12
033000073	Bonneville/Greenbrook Drainage Improvement	12	37	0	0	3	0.20	0.00	-	-	5-yr	100-yr	\$ 412,000	0.0%	Y	Y	0.16
033000074	Lebow Flood Mitigation Project	268	1,078	0	3	12	2.86	0.62	-	-	<1-yr	100-yr	\$ 306,000	50.0%	N	N	0.77
033000075	Village Creek [Dobson St (CR 714)] Safety Improvements	0	0	0	0	0	0.00	0.00	-	-	<2-yr	<2-yr	N/A	0.0%	N	N	0.16

FMP ID	FMP Name	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	BCR
033000062	Hickory Creek Flood Protection - Alternative 1	N	N/A	0.05
033000063	Hickory Creek Flood Protection - Alternative 2	N	N/A	0.05
033000064	Hickory Creek Flood Protection - Alternative 3	N	N/A	0.05
033000065	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	N	N/A	0.0
033000067	Ansley Dr. Storm Sewer System Improvement	N	N/A	0.10
033000068	Main A pump station and conveyance improvements	N	N/A	4.0
033000069	Highland Ave. Drainage Improvements	N	N/A	2.1
033000070	Fairgrounds Detention Option 3	N	N/A	0.30
033000071	Design/Construction for Holland Lake Spillway	N	N/A	0.1
033000072	Elkins Lake Dam Rehabilitation	N	N/A	0.1
033000073	Bonneville/Greenbrook Drainage Improvement	N	N/A	0.10
033000074	Lebow Flood Mitigation Project	N	18,698	1.50
033000075	Village Creek [Dobson St (CR 714)] Safety Improvements	N	N/A	0.0

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FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watersheds	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000077	White Settlement Rd. Storm Sewer System Improvements	Upgrade of 1940 LF of existing storm sewer, 5 existing junction boxes, and 2 headwalls from east of Burton Hill Road to west of Tanny Street. Construction of 5 new inlets and 5 curb inlet extensions.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	120301020105	Farmers Branch-West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.04	Urban	Westworth Village
033000078	Main B pump station, detention, and conveyance improvements	The proposed improvements include the rehabilitation and upsizing of Pump Station B, upsize the culverts at North Travis Street, Milam Street and Woods Drive, and construction of a detention basin upstream of Main Street.	03000013, 03000014, 03000031, 03000032	Liberty	120302030301	Linney Creek-Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.61	Riverine	Liberty County Water Control Improvement District #5
033000079	Cordell Detention Pond (Rayzor Elementary School Pond)	Detention pond located on the intersection of W Univesity Drive and Malone Street along Pecan near Rayzor Elementary School. Pond capacity will be approximately 90 acre-feet with a surface area of approximately 12 acres.	03000013, 03000014, 03000017, 03000018, 03000027, 03000028	Denton	120301030902	Elm Fork Trinity River-Little Elm Reservoir	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.02	Riverine	Denton
033000081	Town Creek Warren Park Extension	This alternative proposes voluntary acquisitions of structures at risk of flooding and extending the existing Warren Park. This extension would include a park with walking paths, exercise pads, and a dog park.	03000013, 03000014, 03000021, 03000022	Johnson	120301020401	Quil Miller Creek-Village Creek	Property or easement acquisition	0.40	Riverine	Burleson
033000082	Project 18 - Waterview Dr. Re-Route	The project consists of replacing RCP with larger diameter RCP, constructing new RCBC, constructing additional curb inlets, and new junction boxes with manholes.	03000013, 03000014, 03000015, 03000016, 03000029, 03000030, 03000031, 03000032	Dallas	120301050104	Floyd Branch - White Rock Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.29	Urban	Richardson
033000083	Pumphrey Dr. Storm Sewer System Improvements	Upgrade of 280 LF of existing sewer, 2 existing inlets, and 1 headwall	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000029, 03000030, 03000031, 03000032	Tarrant	120301020105	Farmers Branch-West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.01	Urban	Westworth Village
033000084	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	The proposed improvements include channel widening to a 5' bottom width and a trapezoidal shape with 4:1 side slopes. The primary crossing of Redmond Creek will be upsized to 4-8'x7' RCB and a crossing to the west will be upsized to a 2-3'x2' RCB.	03000013, 03000014, 03000031, 03000032	Liberty	120302030204, 120302030303	Turtle Bayou, Redmond Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	1.48	Riverine	Liberty County Water Control Improvement District #5
033000085	Harvest Hills Channel and Drainage Improvements	Option 2 (Briar Meadow Diversion) DS channel improvements gives a 100-year LOS to protect structures, uses larger pipes, channel widening for conveyance, 6 buyouts, positive overflow & separate outfalls of existing dual 48" RCPs. Total cost \$12,656,000.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.10	Urban	Arlington
033000086	Project 8A - Cheyenne Dr	Project 8a replaces existing storm sewer mains with larger storm sewers and increases the number of curb to gutter inlets to reduce flooding.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Dallas	120301050104	Floyd Branch-White Rock Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.02	Urban	Richardson
033000087	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	Property acquisition of approximately twenty four (24) structures along Arkansas Lane and Pioneer Parkway. No channel improvements planned.	03000013, 03000014	Tarrant	120301020702	Mountain Creek-West Fork Trinity River	Property or Easement Acquisition	0.00	Riverine	Arlington
033000088	Project 13 - Mimosa & Melrose Dr	Project 13 proposes upsizing existing storm sewer mains and laterals, adding parallel storm sewers, and adding additional curb to gutter inlets to eliminate the 140 cfs of uncollected flow going to the east, alleviating ponding at the intersection.	03000013, 03000014, 03000015, 03000016, 03000029, 03000030, 03000031, 03000032	Dallas	120301050104	Floyd Branch - White Rock Creek	Storm Drain Improvements	0.09	Urban	Richardson
033000089	Arlington Johnson Creek - Collins Street and Division Street Buyout	Property acquisition of approximately one hundred twenty four (124) structures along Collins Street and Division Street. No channel improvements planned.	03000013, 03000014	Tarrant	120301020702	Mountain Creek-West Fork Trinity River	Property or Easement Acquisition	1.15	Riverine	Arlington
033000090	Town Creek Railroad and S. Warren Street Improvements	This FMP includes improving the capacity of the crossing by adding a third 12' x 10' barrel to the RCB. This solution also includes raising S Warren St by 2.5' and increasing the capacity of the crossing.	03000013, 03000014, 03000031, 03000032	Johnson	120301020401	Quil Miller Creek-Village Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.40	Riverine	Burleson
033000091	Saturn Springs Estates Drainage Improvements	Creek improvements such as gabions and walls to protect utilities, structures, and high-velocity areas from erosion and storm drain improvements such as upsized lines, additional laterals, regraded alleyways, and new curb and gutter along several roads.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Dallas	120301060501	Duck Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.15	Urban	Garland

FMP ID	FMP Name	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk										Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
						Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100yr flood risk	Estimated Population at 100yr flood risk	Critical facilities at 100yr flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100yr flood risk (Miles)	Estimated farm & ranch land at 100yr flood risk (acres)			
033000077	White Settlement Rd. Storm Sewer System Improvements	Westworth Village	N	\$1,904,000	State, Local	0.03	N/A	13	11	18	2	0	5	0.64	2.16	0	13	N/A
033000078	Main B pump station, detention, and conveyance improvements	Liberty County Water Control Improvement District #5	N	\$14,433,000	State, Local	0.51	N/A	324	231	3,280	7	1	30	5.96	17.00	33	3	N/A
033000079	Cordell Detention Pond (Rayzor Elementary School Pond)	Denton	N	\$15,497,000	State, Local	0.31	N/A	297	188	3,225	84	6	52	4.02	3.00	255	42	N/A
033000081	Town Creek Warren Park Extension	Burleson	N	\$10,346,000	State, Local	0.09	N/A	75	71	174	4	4	13	1.53	0.001	0	28	N/A
033000082	Project 18 - Waterview Dr. Re-Route	Richardson	N	\$11,500,000	State, Local	0.04	N/A	35	35	122	0	1	3	0.00	0.57	2	33	N/A
033000083	Pumphrey Dr. Storm Sewer System Improvements	Westworth Village	N	\$221,000	State, Local	0.00	N/A	2	1	3	1	0	1	0.00	2.00	0	2	N/A
033000084	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	Liberty County Water Control Improvement District #5	N	\$1,255,000	State, Local	1.40	N/A	190	144	309	0	0	15	3.30	659.21	3	0	N/A
033000085	Harvest Hills Channel and Drainage Improvements	Arlington	N	\$15,063,000	State, Local	0.04	N/A	44	41	164	4	0	17	1.50	0.00	0	44	N/A
033000086	Project 8A - Cheyenne Dr	Richardson	N	\$792,000	State, Local	0.01	N/A	7	7	20	1	1	3	0.44	0.00	0	7	N/A
033000087	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	Arlington	N	\$7,675,000	State, Local	0.00	N/A	24	24	157	7	1	5	13.49	0.00	0	24	N/A
033000088	Project 13 - Mimosa & Melrose Dr	Richardson	N	\$2,646,000	State, Local	0.01	N/A	0	0	0	0	0	5	1.33	0.08	0	0	N/A
033000089	Arlington Johnson Creek - Collins Street and Division Street Buyout	Arlington	N	\$30,258,000	State, Local	0.02	N/A	119	76	640	39	4	21	10.00	1.11	0	119	N/A
033000090	Town Creek Railroad and S. Warren Street Improvements	Burleson	N	\$2,441,000	State, Local	0.08	N/A	60	57	146	4	4	12	1.36	0.00	20	0	N/A
033000091	Saturn Springs Estates Drainage Improvements	Garland	N	\$10,696,000	State, Local	0.03	0.04	32	32	107	13	0	12	5.42	0.00	26	6	N/A

FMP ID	FMP Name	Reduction in Flood Risk									Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)
		Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)							
033000077	White Settlement Rd. Storm Sewer System Improvements	11	18	2	0	2	0.03	0.34	-	-	1-yr	100-yr	\$ 146,000	0.0%	N	N	0.22
033000078	Main B pump station, detention, and conveyance improvements	3	12	0	0	0	0.00	0.14	-	-	<2-yr	2-yr	\$ 4,811,000	0.0%	N	N	0.68
033000079	Cordell Detention Pond (Rayzor Elementary School Pond)	39	373	2	0	0	0.00	0.12	-	-	<10-yr	100-yr	\$ 369,000	10.0%	N	N	0.44
033000081	Town Creek Warren Park Extension	27	65	0	0	0	0.10	0.00	-	-	10-yr	10-yr	\$ 370,000	0.0%	N	N	0.21
033000082	Project 18 - Waterview Dr. Re-Route	33	118	0	1	2	0.00	0.57	-	-	<100-yr	100-yr	\$ 348,000	0.0%	N	N	0.72
033000083	Pumphrey Dr. Storm Sewer System Improvements	1	2	1	0	1	0.00	2.00	-	-	1-yr	100-yr	\$ 111,000	0.0%	N	N	0.22
033000084	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	0	0	0	0	0	0.00	0.23	-	-	<2-yr	2-yr	N/A	0.0%	N	N	0.66
033000085	Harvest Hills Channel and Drainage Improvements	41	164	3	0	4	0.97	0.00	-	-	2-yr	100-yr	\$ 342,000	0.0%	N	N	0.63
033000086	Project 8A - Cheyenne Dr	7	20	1	1	3	0.44	0.00	-	-	<100-yr	100-yr	\$ 113,000	0.0%	N	N	0.03
033000087	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	24	157	0	0	0	0.00	0.00	-	-	<100-yr	100-yr	\$ 320,000	0.0%	N	N	0.78
033000088	Project 13 - Mimosa & Melrose Dr	0	0	0	0	3	0.74	0.00	-	-	<100-yr	100-yr	N/A	0.0%	N	N	0.03
033000089	Arlington Johnson Creek - Collins Street and Division Street Buyout	76	640	0	0	0	0.00	0.00	-	-	<100-yr	100-yr	\$ 254,000	0.0%	N	N	0.67
033000090	Town Creek Railroad and S. Warren Street Improvements	0	0	0	1	4	0.10	0.00	-	-	10-yr	100-yr	N/A	0.0%	N	N	0.21
033000091	Saturn Springs Estates Drainage Improvements	6	18	1	0	1	0.75	0.00	-	-	2-yr	100-yr	\$ 1,783,000	0.0%	N	N	0.68



FMP ID	FMP Name	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	BCR
033000077	White Settlement Rd. Storm Sewer System Improvements	N	N/A	0.10
033000078	Main B pump station, detention, and conveyance improvements	N	N/A	1.8
033000079	Cordell Detention Pond (Rayzor Elementary School Pond)	N	N/A	0.10
033000081	Town Creek Warren Park Extension	N	N/A	0.3
033000082	Project 18 - Waterview Dr. Re-Route	N	3,262	0.00
033000083	Pumphrey Dr. Storm Sewer System Improvements	N	N/A	0.00
033000084	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	N	N/A	2.3
033000085	Harvest Hills Channel and Drainage Improvements	N	N/A	0.17
033000086	Project 8A - Cheyenne Dr	N	3,262	0.10
033000087	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	N	23,974	0.10
033000088	Project 13 - Mimosa & Melrose Dr	N	N/A	0.00
033000089	Arlington Johnson Creek - Collins Street and Division Street Buyout	N	30,906	0.00
033000090	Town Creek Railroad and S. Warren Street Improvements	N	N/A	0.2
033000091	Saturn Springs Estates Drainage Improvements	N	N/A	0.10

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FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC12s	Watersheds	Project Type	Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
03300092	Terrell KC1 Watershed Drainage Improvements	Implement and upsize storm drain on Brin St, College St, Rochester St, & Gardner St. Add additional drainage crossing at SH 34. Place inlets at every intersection to capture additional runoff. Upsize railroad crossing and improve adjacent channel.	03000014, 03000026	Kaufman	120301070105	Headwaters Kings Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.82	Riverine	Terrell
03300093	Design/Construction for S. Holland Channel Retention Pond	Design/Construction for S. Holland Channel Retention Pond	none	Parker	120301020206	Brogden Branch-Town Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.11	Riverine	Weatherford
03300094	Lois Branch Main Channel Improvements	Alternative proposes channel geometry modifications for 3,900 LF, drop structures, culvert crossing resizing, and raising one roadway by 1.0 feet.	03000013, 03000014, 03000017, 03000018	Dallas	120301050104	Headwaters Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.08	Urban	Richardson
03300095	DMP Phase 1: Kirven Avenue (Project 1)	Supplement existing storm drain system with additional parallel system near the intersection of Almond St and Sycamore St that extends downstream along Harbin Ave to the existing Marvin Ave outfall. Upsize Marvin Ave to 8' x 7' RCB outfall.	03000013, 03000014, 03000031, 03000032	Ellis	120301090302	Upper Waxahachie Creek	Storm Drain Improvements	0.10	Riverine	Waxahachie
03300096	Estates Drive Bridge Replacement	Replace Estates Drive Bridge over Poindexter Creek	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000031, 03000032	Denton	120301030805	Hickory Creek-Little Elm Reservoir	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.65	Urban	Copper Canyon
03300097	PEC-4 Phases 3&4	Install 3,200 linear ft of 10'x8', 12'x8', and 16'x8' underground box culvert from the intersection with Phase 2 at Prairie following the PEC 4 Tributary and then traveling down Mulberry to Bernard. Box culvert will contain the 100-yr floodplain.	03000007, 03000008, 03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Denton	120301030902, 120301030803, 120301030804	Upper Hickory Creek, Middle Hickory Creek, Pecan Creek-Lewisville Lake	Storm Drain Improvements	0.55	Riverine	Denton
03300098	Kingstree Rd Drainage Improvements	Proposed bridge installation over creek crossing on Kingstree Road to reduce roadway overtopping during storm events. Includes creek channel grading improvements.	03000013, 03000014, 03000031, 03000032	Kaufman	120301070109, 120301070106, 120301070110, 120301070205	Eagans Branch-Kings Creek, Headwaters Big Cottonwood Creek, Little Cottonwood Creek-Kings Creek, Williams Creek-Cedar Creek	Low Water Crossing or Bridge Improvement	4.53	Riverine	Kaufman County
03300100	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	Proposed improvements include upsizing RCB, replacing existing concrete-lined trapezoidal channel with 20' wide, 7' deep rectangular channel, and transitions downstream of Bowman Springs Road crossing and upstream of Crossgate Court crossing.	03000013, 03000014	Tarrant	120301020404	Wildcat Branch - Lake Arlington	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.10	Riverine	Arlington
03300101	Channel improvement on Brockbank Channel Basin north of SH 183	Proposed improvements to the upstream closed storm drain network and the downstream open channel. There are two phases for the storm drain network: trunk line and lateral improvements.	03000013, 03000014, 03000031, 03000032	Dallas	120301020706	Delaware Creek-West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.11	Riverine	Irving
03300107	Plantation Ridge Channel Improvements	Proposed 40' natural channel connecting Prairie Meadow and Helms Trail. Also includes significant improvements to culverts and new drainage ditches to protect residential lots from offsite flooding.	03000013, 03000014, 03000031, 03000032	Kaufman	120301060506, 120301070103	Anthony Branch-Brushy Creek, Middle Big Brushy Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.74	Riverine	Kaufman County
03300108	CR-243 Drainage Improvements	Proposed culvert upgrades and roadside drainage ditch improvements to reduce roadway overtopping along County Road 243.	03000013, 03000014, 03000031, 03000032	Kaufman	120301070102, 120301070103, 120301070105	High Point Creek, Middle Big Brushy Creek, Headwaters Kings Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	3.51	Riverine	Kaufman County
03300109	Valley View/Ravenhill-Devonshire Drainage Improvements	Proposed culvert upgrades and grading improvements to reduce roadway overtopping along Valley View Road and Ranch Road near Ravenhill Road intersection.	03000013, 03000014, 03000031, 03000032	Kaufman	120301060502, 120301060505	Long Branch-Brushy Creek, Mustang Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	1.23	Riverine	Kaufman County
03300110	CR-4116 Drainage Improvements	Proposed upgrades to roadway drainage ditches and culverts along CR4116 to reduce structural inundation on both sides of the road. Includes additional collection channels to direct flow around existing structures.	03000013, 03000014, 03000031, 03000032	Kaufman	120301050401	Headwaters Old Channel East Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.52	Riverine	Kaufman County

FMP ID	FMP Name	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Flood Risk										Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk
						Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain	Estimated number of structures at 100yr flood risk	Residential structures at 100yr flood risk	Estimated Population at 100yr flood risk	Critical facilities at 100yr flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at 100yr flood risk (Miles)	Estimated farm & ranch land at 100yr flood risk (acres)			
033000092	Terrell KC1 Watershed Drainage Improvements	Terrell	N	\$27,350,000	State, Local	0.10	N/A	67	19	651	4	0	46	2.97	0.02	6	61	N/A
033000093	Design/Construction for S. Holland Channel Retention Pond	Weatherford	N	\$1,988,000	State, Local	0.02	N/A	0	0	0	0	0	0	0.00	0.00	0	0	0
033000094	Lois Branch Main Channel Improvements	Richardson	N	\$2,737,000	State, Local	0.08	N/A	2	2	5	9	3	7	3.92	0.00	0	2	N/A
033000095	DMP Phase 1: Kirven Avenue (Project 1)	Waxahachie	N	\$11,048,000	State, Local	0.01	N/A	22	20	77	0	0	8	0.78	0.00	5	14	N/A
033000096	Estates Drive Bridge Replacement	Copper Canyon	N	\$1,410,000	State, Local	0.25	N/A	12	4	13	26	0	8	3.48	27.72	8	4	N/A
033000097	PEC-4 Phases 3&4	Denton	N	\$15,973,000	State, Local	0.05	N/A	89	73	321	2	1	11	1.36	0.00	7	81	N/A
033000098	Kingstree Rd Drainage Improvements	Kaufman County	N	\$3,319,000	State, Local	1.85	N/A	212	177	302	0	0	N/A	1.38	914.66	13	0	N/A
033000100	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	Arlington	N	\$4,504,000	State, Local	0.00	N/A	21	21	43	0	0	4	0.32	0.00	3	13	N/A
033000101	Channel improvement on Brockbank Channel Basin north of SH 183	Irving	N	\$15,197,000	State, Local	0.02	N/A	39	39	60	0	0	7	0.61	0.00	1	39	N/A
033000107	Plantation Ridge Channel Improvements	Kaufman County	N	\$7,966,000	State, Local	0.28	N/A	196	188	604	0	0	N/A	0.40	113.00	121	4	N/A
033000108	CR-243 Drainage Improvements	Kaufman County	N	\$4,767,000	State, Local	1.61	N/A	70	47	167	1	0	N/A	2.10	807.27	10	0	N/A
033000109	Valley View/Ravenhill-Devonshire Drainage Improvements	Kaufman County	N	\$6,691,000	State, Local	0.38	N/A	20	12	70	0	0	N/A	0.37	154.48	0	0	N/A
033000110	CR-4116 Drainage Improvements	Kaufman County	N	\$8,019,000	State, Local	0.33	N/A	62	58	146	0	0	N/A	0.23	169.35	28	0	N/A

FMP ID	FMP Name	Reduction in Flood Risk									Pre-Project Level-of-Service	Post-Project Level-of-Service	Cost/ Structure removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Social Vulnerability Index (SVI)
		Residential structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)							
033000092	Terrell KC1 Watershed Drainage Improvements	19	610	3	0	28	2.00	0.00	-	-	<5-yr	100-yr	\$ 448,000	0.0%	N	N	0.80
033000093	Design/Construction for S. Holland Channel Retention Pond	0	0	0	0	0	0.00	0.00	-	-	N/A	N/A	N/A	0.0%	N	N	0.51
033000094	Lois Branch Main Channel Improvements	2	5	8	3	7	3.92	0.00	-	-	<100-yr	100-yr	\$ 1,369,000	0.0%	N	N	0.38
033000095	DMP Phase 1: Kirven Avenue (Project 1)	12	37	0	0	0	0.00	0.00	-	-	<5-yr	100-yr	\$ 789,000	0.0%	N	N	0.40
033000096	Estates Drive Bridge Replacement	2	5	5	0	4	3.05	7.54	-	-	2-yr	100-yr	\$ 353,000	0.0%	N	N	0.42
033000097	PEC-4 Phases 3&4	70	244	2	1	2	1.00	0.00	-	-	<100-yr	100-yr	\$ 197,000	0.0%	N	N	0.47
033000098	Kingstree Rd Drainage Improvements	0	0	0	0	0	0.00	0.002	-	-	<2-yr	10-yr	N/A	0.0%	N	N	0.46
033000100	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	13	28	0	0	0	0.08	0.00	-	-	1-yr	100-yr	\$ 346,000	0.0%	N	N	0.15
033000101	Channel improvement on Brockbank Channel Basin north of SH 183	39	60	0	0	1	1.00	0.00	-	-	<50-yr	100-yr	\$ 390,000	0.0%	N	N	0.55
033000107	Plantation Ridge Channel Improvements	3	1	0	0	0	0.08	3.76	-	-	<2-yr	10-yr	\$ 1,992,000	0.0%	N	N	0.21
033000108	CR-243 Drainage Improvements	0	0	0	0	0	0.40	1.41	-	-	<2-yr	100-yr	N/A	0.0%	N	N	0.43
033000109	Valley View/Ravenhill-Devonshire Drainage Improvements	0	0	0	0	0	0.28	0.73	-	-	<10-yr	100-yr	N/A	0.0%	N	N	0.22
033000110	CR-4116 Drainage Improvements	0	0	0	0	0	0.00	0.00	-	-	<2-yr	100-yr	N/A	0.0%	N	N	0.34

FMP ID	FMP Name	Water Supply Benefit (Y/N)	Traffic Count for Low Water Crossings	BCR
033000092	Terrell KC1 Watershed Drainage Improvements	N	N/A	0.0
033000093	Design/Construction for S. Holland Channel Retention Pond	N	N/A	0.0
033000094	Lois Branch Main Channel Improvements	N	4,427	0.00
033000095	DMP Phase 1: Kirven Avenue (Project 1)	N	N/A	0.0
033000096	Estates Drive Bridge Replacement	N	N/A	0.10
033000097	PEC-4 Phases 3&4	N	N/A	0.1
033000098	Kingstree Rd Drainage Improvements	N	N/A	0.4
033000100	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	N	N/A	0.00
033000101	Channel improvement on Brockbank Channel Basin north of SH 183	N	N/A	0.1
033000107	Plantation Ridge Channel Improvements	N	N/A	1.3
033000108	CR-243 Drainage Improvements	N	N/A	0.6
033000109	Valley View/Ravenhill-Devonshire Drainage Improvements	N	N/A	0.6
033000110	CR-4116 Drainage Improvements	N	N/A	0.1

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FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC10s	Watershed Name
032000146	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	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.	03000005, 03000006, 03000027, 03000028	Anderson, Archer, Chambers, Clay, Collin, Cooke, Dallas, Denton, Ellis, Fannin, Freestone, Grayson, Grimes, Hardin, Henderson, Hill, Hood, Houston, Hunt, Jack, Johnson, Kaufman, Leon, Liberty, Limestone, Madison, Montague, Navarro, Parker, Polk, Rockwall, San Jacinto, Tarrant, Trinity, Van Zandt, Walker, Wise, Young	1203010101, 1203010102, 1203010103, 1203010104, 1203010105, 1203010106, 1203010201, 1203010202, 1203010203, 1203010204, 1203010205, 1203010206, 1203010207, 1203010301, 1203010302, 1203010303, 1203010304, 1203010305, 1203010306, 1203010307, 1203010308, 1203010309, 1203010310, 1203010401, 1203010402, 1203010403, 1203010501, 1203010502, 1203010503, 1203010504, 1203010505, 1203010602, 1203010603, 1203010604, 1203010605, 1203010701, 1203010702, 1203010703, 1203010801, 1203010802, 1203010803, 1203010804, 1203010901, 1203010902, 1203010903, 1203010904, 1203020101, 1203020102, 1203020103, 1203020104, 1203020105, 1203020106, 1203020107, 1203020201, 1203020202, 1203020203, 1203020204, 1203020205, 1203020206, 1203020207, 1203020208, 1203020209, 1203020210, 1203020211, 1203020212, 1203020301, 1203020302, 1203020303	Cameron Creek-West Fork Trinity River, Big Cleveland Creek-West Fork Trinity River, Lost Creek-West Fork Trinity River, Lake Bridgeport-West Fork Trinity River, Big Sandy Creek, West Fork Trinity River-Eagle Mountain Lake, Lake Worth-West Fork Trinity River, Upper Clear Fork Trinity River, Lower Clear Fork Trinity River, Village Creek, Big Fossil Creek-West Fork Trinity River, Mountain Creek-Mountain Creek Lake, Mountain Creek-West Fork Trinity River, Headwaters Elm Fork Trinity River, Buck Creek-Isle du Bois Creek, Isle du Bois Creek-Elm Fork Trinity River, Spring Creek-Elm Fork Trinity River, Blocker Creek-Clear Creek, Duck Creek-Clear Creek, Little Elm Creek-Little Elm Reservoir, Hickory Creek-Little Elm Reservoir, Elm Fork Trinity River-Little Elm Reservoir, Timber Creek-Elm Fork Trinity River, Upper Denton Creek, Middle Denton Creek, Lower Denton Creek, Headwaters Trinity River, Tenmile Creek-Trinity River, Red Oak Creek, Village Creek-Trinity River, Rush Creek-Trinity River, Indian Creek-Pilot Grove Creek, East Fork Trinity River-Levon Lake, Pilot Grove Creek-Lavon Lake, East Fork Trinity River-Lake Ray Hubbard, Duck Creek-East Fork Trinity River, Kings Creek-Cedar Creek Reservoir, Cedar Creek-Cedar Creek Reservoir, Cedar Creek Reservoir-Cedar Creek, Richland Creek-Navarro Mills Lake, Post Oak Creek-Richland Creek, Pin Oak Creek, Alligator Creek-Richland Creek, North Fork Chambers Creek, Upper Chambers Creek, Waxahachie Creek, Lower Chambers Creek, Caney Creek-Tehuacana Creek, Catfish Creek, Lake Creek-Trinity River, Box Creek-Trinity River, Buffalo Creek, Inner
032000147	Balch Springs Buyout	Buyout of six (6) flood-prone properties selected on proximity to creek, flood depths, and frequency of flooding	03000013, 03000014	Dallas	1203010502	Tenmile Creek-Trinity River

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FMS ID	FMS Name	Strategy Type	Strategy Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa Other)	Sponsor	Entities with Oversight	Emergency Need (Y/N)	Nonrecurring, Noncapital Cost (\$)	Estimated Total Strategy Cost (\$)	Potential Funding Sources and Amount	Area in 100yr (1% annual chance) Floodplain	Area in 500yr (0.2% annual chance) Floodplain
032000146	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	Other	17,914	Riverine	The Nature Conservancy (TNC)	The Nature Conservancy (TNC)	N	\$1,964,000	\$1,964,000	State, Other	4,891.70	5,345.70
032000147	Balch Springs Buyout	Property Acquisition and Structural Elevation		Riverine	Balch Springs	Balch Springs	N	\$1,045,000	\$1,045,000	Local, State	1.06	N/A

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FMS ID	FMS Name	Estimated number of structures at 100yr flood risk	Residential structures at flood risk	Estimated Population at flood risk	Critical facilities at flood risk (#)	Number of low water crossings at flood risk (#)	Estimated number of road closures (#)	Estimated length of roads at flood risk (Miles)	Estimated farm & ranch land at flood risk (acres)	Number of structures with reduced 100yr (1% annual chance) Flood risk	Number of structures removed from 100yr (1% annual chance) Flood risk	Number of structures removed from 500yr (0.2% annual chance) Flood risk	Habitable structures removed from 100yr (1% annual chance) Flood risk	Estimated Population removed from 100yr (1% annual chance) Flood risk	Critical facilities removed from 100yr (1% annual chance) Flood risk (#)
032000146	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	85,859	72,930	241,489	342	Unknown	Unknown	3,952	1,887.70	N/A	N/A	N/A	N/A	N/A	N/A
032000147	Balch Springs Buyout	6	6	16	N/A	N/A	N/A	N/A	N/A	0	6	6	6	16	N/A

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FMS ID	FMS Name	Number of low water crossings removed from 100yr (1% annual chance) Flood risk (#)	Estimated reduction in road closure occurrences	Estimated length of roads removed from 100yr flood risk (Miles)	Estimated active farm & ranch land removed from 100yr flood risk (acres)	Estimated reduction in fatalities (if available)	Estimated reduction in injuries (if available)	Cost/ Structure removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)
032000146	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N
032000147	Balch Springs Buyout	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Y	N	N	N

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000359	Arlington California Lane Drainage Improvements	Study to determine mitigation options in order to implement California Lane Drainage Improvement alternatives from March 2020 report. Alternative est const cost = \$11,722,000	03000007, 03000008, 03000031, 03000032	Tarrant	012030102	120301020405, 120301020702	Rush Creek - Village Creek, Johnson Creek	Project Planning
031000360	Peaks Branch Upper Basin Relief System (RL Area 13)	Drainage relief system for Peaks Branch watershed from Buckner Park north to M Streets; continuation of Middle Peaks Branch Phases I & II	000000000	Dallas	12030105	120301050106, 120301050101	Turtle Creek, City of Dallas-White Rock Creek	Project Planning
031000361	North Delaware Creek Phases 2 & 3	Study to devise channel modifications on North Delaware Creek from upstream at Finley St downstream at Henry Dr	03000007, 03000008, 03000013, 03000014	Dallas	12030102, 12030103	120301020706, 120301020705, 120301031006	Estelle Creek-Bear Creek, Delaware Creek-West Fork Trinity River, Cottonwood Branch-Hackberry Creek	Project Planning
031000362	Willow Creek Wilshire Blvd (SH 174) Improvements	Study to devise channel modifications of Willow Creek to prevent flooding downstream of the Wilshire Blvd crossing	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning
031000363	Western Heights Drainage Improvements	Study to determine mitigation options in order to implement Western Heights Drainage Improvements from report dated Sept 2019	03000007, 03000008, 03000031, 03000032	Dallas	12030106	120301060501	Duck Creek	Project Planning
031000364	Terrell BC1 Watershed Drainage Improvements	Study to alleviate flooding by implementing culverts and channel improvements throughout watershed area including West End Drive, UPRR crossing, the nearby park and cemetery, and US 80	03000007, 03000008, 03000013, 03000014	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning
031000365	DMP Phase 2: Dunlap	Evaluation of culvert and channel modifications to alleviate flooding in the study area. Area expanded to include Dunlap St storm sewer, Henry St culvert, and railroad crossing to Rock Spring Branch.	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Ellis	12030109	120301090305, 120301090302	Upper Waxahachie Creek, Mustang Creek	Project Planning
031000366	Stream 7C2 Channel Improvements	Evaluation of possible culvert and channel improvements beneath Loop 12 to alleviate flooding along stream 7C2	03000007, 03000008, 03000013, 03000014	Dallas	12030103	120301031007	Bachman Branch-Elm Fork Trinity River	Project Planning
031000367	Village Creek CR 802 (east) Improvements	Evaluation of possible culvert improvements to prevent overtopping of CR 802 at Village Creek crossings	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning
031000368	Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive	Study to determine mitigation options needed to implement Drainage Improvements from Stream 2C5 (Keen Creek)	03000007, 03000008	Dallas	12030105, 12030106	120301050105, 120301060501	White Rock Creek-White Rock Lake, Duck Creek	Project Planning
031000369	Terrell KT1 Watershed Drainage Improvements	Study to reduce watershed deficiencies by implementing drainage improvements along University Street and channel improvements along Airport Road.	03000007, 03000008, 03000013, 03000014	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning
031000370	Village Creek CR 802 (west) Improvements	Evaluation of possible roadway and culvert improvements to prevent overtopping of CR 802 at Village Creek crossings	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning
031000371	Terrell KC5 Watershed Drainage Improvements	Evaluation of possible culvert improvements at the railroad spur and channel improvements downstream of railroad spur to tie in with Oldcastle improvements	03000007, 03000008, 03000013, 03000014	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning
031000372	Shannon Creek - Culvert to Main Stem Shannon Creek	Study to assess the implementation of additional culverts and channel improvements to prevent overtopping of John Jones Dr.	03000007, 03000008, 03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning

DRAFT Amended Plan TWDB-Required Table 15: Recommended Floodplain Management Evaluations (New Recommended FMES only)

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000359	Arlington California Lane Drainage Improvements	1.00	Urban	Arlington	Arlington	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000360	Peaks Branch Upper Basin Relief System (RL Area 13)	0.94	Urban	Dallas	Dallas	N	\$ 12,219,000	Y	Action aligns with goals and meets TWDB guidance
031000361	North Delaware Creek Phases 2 & 3	0.73	Riverine	Irving	Irving	N	\$ 3,397,000	Y	Action aligns with goals and meets TWDB guidance
031000362	Willow Creek Wilshire Blvd (SH 174) Improvements	0.38	Riverine	Burleson	Burleson	N	\$ 289,000	Y	Action aligns with goals and meets TWDB guidance
031000363	Western Heights Drainage Improvements	0.17	Riverine	Garland	Garland	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000364	Terrell BC1 Watershed Drainage Improvements	1.16	Riverine	Terrell	Terrell	N	\$ 6,640,000	Y	Action aligns with goals and meets TWDB guidance
031000365	DMP Phase 2: Dunlap	0.41	Riverine	Waxahachie	Waxahachie	N	\$ 815,000	Y	Action aligns with goals and meets TWDB guidance
031000366	Stream 7C2 Channel Improvements	0.10	Riverine	Irving	Irving	N	\$ 2,685,000	Y	Action aligns with goals and meets TWDB guidance
031000367	Village Creek CR 802 (east) Improvements	0.14	Riverine	Burleson	Burleson	N	\$ 569,000	Y	Action aligns with goals and meets TWDB guidance
031000368	Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive	0.95	Riverine	Garland	Garland	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000369	Terrell KT1 Watershed Drainage Improvements	1.10	Riverine	Terrell	Terrell	N	\$ 1,247,000	Y	Action aligns with goals and meets TWDB guidance
031000370	Village Creek CR 802 (west) Improvements	0.12	Riverine	Burleson	Burleson	N	\$ 1,225,000	Y	Action aligns with goals and meets TWDB guidance
031000371	Terrell KC5 Watershed Drainage Improvements	0.78	Riverine	Terrell	Terrell	N	\$ 370,000	Y	Action aligns with goals and meets TWDB guidance
031000372	Shannon Creek - Culvert to Main Stem Shannon Creek	1.49	Riverine	Burleson	Burleson	N	\$ 146,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000373	Terrell BC5 Watershed Drainage Improvements	Study to mitigate residential sheet flow in the Terrell BC5 watershed through a storm drain added onto Brookhollow Drive, channel improvements between backyard property lines, and proposed storm drain improvements on Davidson Street .	03000031, 03000032	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning
031000374	Centerville Market Place Drainage Improvements	Study to determine viability of green improvements and mitigation to offset implementation of proposed alternatives from the Centerville Marketplace Report from May 2015	03000007, 03000008, 03000027, 03000028	Dallas	12030106	120301060501	Duck Creek	Project Planning
031000375	Miami Drive Drainage Improvements	Stream bank erosion evaluation and investigation of other repair or restoration options for Stream 2C-1 parallel to Miami Drive	03000007, 03000008, 03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000376	Project 14 – Ridgeway Circle and Ridgeway Drive System	Study to reduce flooding at residential structures along Laguna Drive by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,700,000	03000013, 03000014, 03000031, 03000032	Dallas	012030105	120301050104	Floyd Branch-White Rock Creek	Project Planning
031000377	Project 15 – James Drive and Weatherred Drive System	Study to reduce flooding at residential structures along James Drive and Blue Lake Circle by replacing undersized storm sewer and constructing additional curb inlets. Est const cost = \$1,705,000	03000013, 03000014, 03000031, 03000032	Dallas	012030105	120301050104	Floyd Branch-White Rock Creek	Project Planning
031000378	10' X 4.5' Culvert at Glenville Drive	Study to eliminate overtopping for Huffhines Creek at Glenville Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost - \$827,000	03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000379	2-9' X 7' Culverts Plano Road	Study to eliminate overtopping for Huffhines Creek at Plano Road crossing for a 100-year storm event by constructing two additional barrels. Est const cost = \$1,459,000	03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000380	10' X 8' Culvert at St Johns Drive	Study to eliminate overtopping for Huffhines Creek at St. John's Drive crossing for 10-year storm event and above by constructing an additional barrel. Est const cost = \$1,623,000	03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000381	3-10' X 8' Culverts at Yale Blvd.	Study to eliminate overtopping for Huffhines Creek at Yale Boulevard crossing for a 100-year storm event by constructing three additional barrels. Est const cost = \$950,000	03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000382	Sub-project A4 - College Park Improvements	Study to reduce flooding along College Park Boulevard and adjacent streets by replacing undersized storm sewer. Est const cost = \$2,458,000	03000013, 03000014, 03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000383	Sub-project A5 - Annapolis Drive Improvements	Study to reduce flooding along Annapolis Drive and spill to College Park Boulevard by replacing undersized storm sewer. Est const cost = \$1,349,000	03000013, 03000014, 03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000384	Sub-project A7 - Improvements along Windsong Trail	Study to reduce flooding along Windsong Trail and spill to Glenville Drive by replacing undersized storm sewer. Est. const. cost = \$2,456,000	03000013, 03000014, 03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000385	Sub-project C3 - Spring Valley at Towne House Lane	Study to reduce flooding Spring Valley Road and overflow to Towne House Lane by replacing undersized storm sewer.	03000031, 03000032	Dallas	012030106	120301060501	Duck Creek-East Fork Trinity River	Project Planning
031000386	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	Study to evaluate existing Mansfield Webb Road crossing and propose up to three (3) alternatives.	03000013, 03000014, 03000031, 03000032	Tarrant	012030102	120301020605	Mountain Creek-Mountain Creek Lake	Project Planning



DRAFT Amended Plan TWDB-Required Table 15: Recommended Floodplain Management Evaluations (New Recommended FMES only)

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFG Recommendation (Y/N)	Reason for Recommendation
031000373	Terrell BC5 Watershed Drainage Improvements	0.71	Riverine	Terrell	Terrell	N	\$ 509,000	Y	Action aligns with goals and meets TWDB guidance
031000374	Centerville Market Place Drainage Improvements	0.67	Riverine	Garland	Garland	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000375	Miami Drive Drainage Improvements	0.67	Riverine	Garland	Garland	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000376	Project 14 – Ridgeway Circle and Ridgeway Drive System	5.25	Urban	Richardson	Richardson	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000377	Project 15 – James Drive and Weatherred Drive System	0.26	Urban	Richardson	Richardson	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000378	10' X 4.5' Culvert at Glenville Drive	0.73	Riverine	Richardson	Richardson	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000379	2-9' X 7' Culverts Plano Road	1.87	Riverine	Richardson	Richardson	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000380	10' X 8' Culvert at St Johns Drive	1.97	Riverine	Richardson	Richardson	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000381	3-10' X 8' Culverts at Yale Blvd.	2.10	Riverine	Richardson	Richardson	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000382	Sub-project A4 - College Park Improvements	0.15	Urban	Richardson	Richardson	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000383	Sub-project A5 - Annapolis Drive Improvements	0.07	Urban	Richardson	Richardson	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000384	Sub-project A7 - Improvements along Windsong Trail	0.10	Urban	Richardson	Richardson	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000385	Sub-project C3 - Spring Valley at Towne House Lane	0.03	Urban	Richardson	Richardson	N	\$ 223,000	Y	Action aligns with goals and meets TWDB guidance
031000386	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	2.59	Riverine	Arlington	Arlington	N	\$ 185,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000387	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	Proposed project to reduce flooding Spring Miller Court Crossing by constructing an additional culvert barrel.	03000031, 03000032	Tarrant	012030102	120301020605	Mountain Creek-Mountain Creek Lake	Project Planning
031000388	Arlington Cottonwood Creek at Park Row Buyout	Property acquisition at Park Row. There are no channel improvements planned.	03000013, 03000014	Tarrant	012030102	120301020607	Mountain Creek-Mountain Creek Lake	Project Planning
031000389	Arlington North Fish Creek Detention between Allen Avenue & SH 360	Detention of peak flows for Harvest Hills and Briar neighborhood in order to reduce or eliminate downstream channel improvements. Two (2) alternatives proposed.	03000007, 03000008, 03000031, 03000032	Tarrant	012030102	120301020606	Mountain Creek-Mountain Creek Lake	Project Planning
031000390	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	Study to improve downstream channel improvements and constructing additional barrels along Mayfield Road and North Fish Creek due to the increase in flows from the proposed storm drain improvements.	03000007, 03000008, 03000031, 03000032	Tarrant	012030102	120301020606	Mountain Creek-Mountain Creek Lake	Project Planning
031000391	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	Flood study evaluating three (3) alternatives which preserve access to the existing fire station while reducing flooding at this crossing.	03000017, 03000018, 03000031, 03000032	Tarrant	012010302	120301020607	Mountain Creek-Mountain Creek Lake	Project Planning
031000392	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	Property acquisition of thirty (30) structures at Pioneer Parkway and Center Street. No channel improvements planned.	03000013, 03000014	Tarrant	012030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning
031000393	Arlington Johnson Creek Storm Drain Upgrades on JC-9	Proposed storm drainage upgrades to system draining to JC-9.	03000031, 03000032	Tarrant	012030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning
031000394	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	Proposed channel rehabilitation at Cooper to Sanford for Stream JC-9.	03000027, 03000028, 03000031, 03000032	Tarrant	012030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning
031000395	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	Proposed culvert improvements at Collins Street for stream JC-9	03000031, 03000032	Tarrant	012030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning
031000396	Arlington Johnson Creek - JC-10 Buyouts	Acquisition of nineteen (19) structures. No channel improvements planned. Est buyout cost = \$2,126,000	03000013, 03000014	Tarrant	012030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning
031000397	Arlington Johnson Creek - JC-12 Buyouts	Removal of four (4) structures in the 100-year floodplain along stream JC-11. No channel improvements planned. Est buyout cost = \$1,599,000	03000013, 03000014	Tarrant	012030102	120301020702	Mountain Creek-West Fork Trinity River	Project Planning
031000398	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	Buyout and demolition of a 22,150 square foot warehouse and sire adjacent to Upper Rush Creek. Flood study to evaluate feasibility of floodplain restoration through warehouse acquisition. Anticipated acquisition & construction cost = \$8,107,000	03000013, 03000014, 03000027, 03000028	Tarrant	012030102	120301020405	Village Creek	Project Planning
031000399	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	Proposed crossing improvements at Shorewood Drive.	03000031, 03000032	Tarrant	012030102	120301020404	Village Creek	Project Planning
031000400	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	Flood study improving Shorewood Drive Crossing using the fully developed condition as the effective maps.	03000023, 03000024, 03000031, 03000032	Tarrant	012030102	120301020404	Village Creek	Project Planning
031000401	Hulen Street/Railroad Conceptual Bridge Span Layout	Study to assess the implementation of a 2-span, 34' wide bridge on Hulen st	03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning
031000402	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	Proposed storm sewer improvements along South Workman Road and South Sendero Road by upsizing existing lines and constructing additional inlets. Anticipated const. cost = \$1,285,148	03000013, 03000014, 03000031, 03000032	Wise	012030101	120301010511	Big Sandy Creek	Project Planning
031000403	City of Decatur - S. FM 51 (West Side)	Proposed channel improvements along the west side of South FM-51.	03000007, 03000008, 03000027, 03000028	Wise	012030101	120301010601	West Fork Trinity River-Eagle Mountain Lake	Project Planning

DRAFT Amended Plan TWDB-Required Table 15: Recommended Floodplain Management Evaluations (New Recommended FMES only)

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031000387	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	0.51	Riverine	Arlington	Arlington	N	\$ 162,000	Y	Action aligns with goals and meets TWDB guidance
031000388	Arlington Cottonwood Creek at Park Row Buyout	0.61	Riverine	Arlington	Arlington	N	\$ 88,000	Y	Action aligns with goals and meets TWDB guidance
031000389	Arlington North Fish Creek Detention between Allen Avenue & SH 360	0.21	Riverine	Arlington	Arlington	N	\$ 205,000	Y	Action aligns with goals and meets TWDB guidance
031000390	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	0.30	Riverine	Arlington	Arlington	N	\$ 154,000	Y	Action aligns with goals and meets TWDB guidance
031000391	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	0.26	Riverine	Arlington	Arlington	N	\$ 231,000	Y	Action aligns with goals and meets TWDB guidance
031000392	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	2.65	Riverine	Arlington	Arlington	N	\$ 231,000	Y	Action aligns with goals and meets TWDB guidance
031000393	Arlington Johnson Creek Storm Drain Upgrades on JC-9	0.98	Urban	Arlington	Arlington	N	\$ 1,500,000	Y	Action aligns with goals and meets TWDB guidance
031000394	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	1.09	Riverine	Arlington	Arlington	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000395	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	0.83	Riverine	Arlington	Arlington	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000396	Arlington Johnson Creek - JC-10 Buyouts	0.00	Riverine	Arlington	Arlington	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000397	Arlington Johnson Creek - JC-12 Buyouts	0.00	Riverine	Arlington	Arlington	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000398	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	0.14	Riverine	Arlington	Arlington	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000399	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	0.32	Riverine	Arlington	Arlington	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000400	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	0.36	Riverine	Arlington	Arlington	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000401	Hulen Street/Railroad Conceptual Bridge Span Layout	0.01	Riverine	Burleson	Burleson	N	\$ 2,956,000	Y	Action aligns with goals and meets TWDB guidance
031000402	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	0.10	Urban	Decatur	Decatur	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000403	City of Decatur - S. FM 51 (West Side)	0.48	Riverine	Decatur	Decatur	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000404	Dallas County Inland Port Drainage Improvements - Creek (4B4) - UPRR	Study to alleviate overtopping during the 100-yr storm event via implementation of an enlarged/parallel culvert at UPRR	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203, 120301050108	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000405	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Millers Ferry Rd	Study to alleviate overtopping during the 100-yr storm event via implementation of an enlarged/parallel culvert at Millers Ferry Road	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203, 120301050108	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000406	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Old Main St.	Study to alleviate overtopping during the 100-yr storm event via implementation of an enlarged/parallel culvert at Old Main St.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203, 120301050108	Prairie Creek-Trinity River, Fivemile Creek-Trinity River	Project Planning
031000407	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	Study to alleviate overtopping during the 100-yr storm event via implementation of a new culvert at N. Goode Road	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000408	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	Study to alleviate overtopping during the 100-yr storm event via implementation of a new culvert at Fulghum Road	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Project Planning
031000409	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	Study to alleviate overtopping during the 100-yr storm event via implementation of a new culvert at W Main	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River	Project Planning
031000410	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at N Jefferson	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River	Project Planning
031000411	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - 2nd St.	Study to alleviate overtopping during the 100-yr storm event via implementation of a new culvert at 2nd St	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050202, 120301050108	Deep Branch-Tenmile Creek, Fivemile Creek-Trinity River	Project Planning
031000412	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Tracy Road	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning
031000413	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Simpson St.	Study to alleviate overtopping during the 100-yr storm event via implementation of a new Bridge at Simpson Street	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050107, 120301050108	Headwaters Fivemile Creek, Fivemile Creek-Trinity River	Project Planning
031000414	Pecan Acres Floodway Lot Acquisitions	Study for property acquisition of lots completely contained within FEMA floodway of Timber Creek within the Pecan Acres Subdivision.	03000013, 03000014, 03000021, 03000022	Denton	12030103	120301031002	Timber Creek	Project Planning
031000415	East Waketon Road Drainage Improvement	Study for the installation of a drainage channel between FM2499 culverts and Waketon Road culverts in combination with berm construction along the north side of Waketon Road.	03000013, 03000014, 03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning
031000416	Garden Ridge Boulevard Bridge Erosion Stabilization	Study for the implementation of modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Garden Ridge Boulevard bridge.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning
031000417	Jernigan Road Drop Inlet and Bar Ditch Improvements	Study for the installation of drop inlet structure and bar ditch grading located on Jernigan Road.	03000031, 03000032	Denton	12030103	120301030805	Lower Hickory Creek	Project Planning

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031000404	Dallas County Inland Port Drainage Improvements - Creek (4B4) - UPRR	1.09	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000405	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Millers Ferry Rd	1.09	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000406	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Old Main St.	1.09	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000407	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	2.84	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000408	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	2.84	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000409	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	3.21	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000410	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	3.21	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000411	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - 2nd St.	3.21	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000412	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	1.19	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000413	Dallas County Inland Port Drainage Improvements -Alta Mesa Branch - Simpson St.	1.19	Riverine	Dallas County	Dallas County	N	\$ 20,000	Y	Action aligns with goals and meets TWDB guidance
031000414	Pecan Acres Floodway Lot Acquisitions	0.25	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000415	East Waketon Road Drainage Improvement	0.13	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000416	Garden Ridge Boulevard Bridge Erosion Stabilization	0.09	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000417	Jernigan Road Drop Inlet and Bar Ditch Improvements	0.09	Urban	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance



FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000418	Pecan Acres Drainage Improvements	Study for the removal and replacement of existing driveway approaches and culverts to allow for the regrading of roadway bar ditches for positive flow within the ROW of the Pecan Acres subdivision.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning
031000419	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	Study for the installation of a mixture of box culverts, storm piping and bar ditch grading along King Road, Lusk Lane and Range Wood Drive.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning
031000420	Royal Oaks Curb Inlet Improvements	Study for modifications to inlet structures within the Royal Oaks subdivision to reduce bypass flow that reaches Dexter Court.	03000031, 03000032	Denton	12030103	120301031001, 120301031002	Prairie Creek-Elm Fork Trinity River, Timber Creek	Project Planning
031000421	Stream Bank Stabilization – Various Locations Town Wide	Study for the installation of erosion stabilization along stream banks in various locations in Flower Mound.	03000031, 03000032	Tarrant, Dallas, Denton	12030102, 12030103, 12030104	120301020703, 120301030902, 120301030905, 120301030906, 120301031001, 120301030805, 120301031002, 120301031004, 120301031005, 120301030804, 120301040307, 120301040205, 120301040301, 120301040302, 120301040306, 120301040303, 120301040304, 120301040305	Big Bear Creek, Middle Hickory Creek, Lower Hickory Creek, Pecan Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Timber Creek, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Hog Branch-Denton Creek, Headwaters Elizabeth Creek, Henrietta Creek, Elizabeth Creek-Denton Creek, Denton Creek-Grapevine Lake, Marshall Branch-Grapevine Lake, Dove Creek-Grapevine Lake, Cottonwood Branch-Denton Creek	Project Planning
031000422	Sunset Trail Drop Inlet and Outfall Improvement	Study for modifications to existing drop inlet structure and outlet piping located on Sharps Branch Tributary 1 to adequately convey upstream flows.	03000031, 03000032	Denton	12030104	120301040305	Marshall Branch-Grapevine Lake	Project Planning
031000423	Timber Creek Road Bridges Erosion Stabilization	Study for modifications to existing erosion protection to provide stabilization to erosive conditions at the Timber Creek crossing of the Timber Creek Road bridges.	03000031, 03000032	Denton	12030103	120301031002	Timber Creek	Project Planning
031000424	Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	Feasibility Study of stream RC1 and RC1A to mitigate reported upstream flooding.	03000031, 03000032	Tarrant	012030102	120301020405	Village Creek	Project Planning
031000425	Joes Creek - West Fork Channel and Culvert Improvements	Floodplain study of Joes Creek for the purpose of evaluating flood hazards and establishing floodplain management criteria.	03000005, 03000006, 03000009, 03000010	Dallas	012030103	120301031007	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000426	Woody Branch Floodplain Management Study	Proposed minor channel rectification to alleviate the flooding of five (5) houses on Woody Branch, a tributary in Fivemile Creek.	03000013, 03000014, 03000027, 03000028	Dallas	012030105	120301050107	Headwaters Trinity River	Watershed Planning
031000427	Ledbetter Branch Detention Basin	Proposed flood control berm to reclaim six (6) houses on Ledbetter Branch, a tributary in Fivemile Creek.	03000013, 03000014	Dallas	012030105	120301050107	Headwaters Trinity River	Watershed Planning
031000428	Lower Five Mile Creek Management Plan	Proposed ecosystem restoration and economic redevelopment with 41- acres to be reclaimed and the conversion of a pond to a wetland on Lower Five Mile Creek. Anticipated const. cost = \$30,973,737	03000027, 03000028, 03000031, 03000032	Dallas	012030105	120301050108	Headwaters Trinity River	Watershed Planning
031000429	Coombs Creek Bridge @ Plymouth	Proposed bridge installment and to raise Plymouth Road for flood protection. Anticipated const. cost = \$6,400,000	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning
031000430	Coombs Creek Bridge @ Ivandell	Proposed bridge installment along Ivandell for flood protection.	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning
031000431	Coombs Creek Bridge @ Burlingdell	Proposed bridge installment along Burlingdell for flood protection.	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning
031000432	Coombs Creek Bridge @ Gibsondell	Proposed bridge installment along Gibsondell for flood protection.	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning
031000433	Coombs Creek Bridge @ Brooklyndell	Proposed bridge installment along Brooklyndell for flood protection.	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning

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031000418	Pecan Acres Drainage Improvements	0.72	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000419	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	0.08	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000420	Royal Oaks Curb Inlet Improvements	0.13	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000421	Stream Bank Stabilization – Various Locations Town Wide	242.27	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000422	Sunset Trail Drop Inlet and Outfall Improvement	0.16	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000423	Timber Creek Road Bridges Erosion Stabilization	0.28	Riverine	Flower Mound	Flower Mound	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000424	Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	3.26	Riverine	Arlington	Arlington	N	\$ 600,000	Y	Action aligns with goals and meets TWDB guidance
031000425	Joes Creek - West Fork Channel and Culvert Improvements	4.59	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000426	Woody Branch Floodplain Management Study	10.45	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000427	Ledbetter Branch Detention Basin	2.03	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000428	Lower Five Mile Creek Management Plan	19.13	Riverine	Dallas	Dallas	N	\$ 500,000	Y	Action aligns with goals and meets TWDB guidance
031000429	Coombs Creek Bridge @ Plymouth	2.43	Riverine	Dallas	Dallas	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000430	Coombs Creek Bridge @ Ivandell	0.50	Riverine	Dallas	Dallas	N	\$ 215,000	Y	Action aligns with goals and meets TWDB guidance
031000431	Coombs Creek Bridge @ Burlingdell	0.53	Riverine	Dallas	Dallas	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000432	Coombs Creek Bridge @ Gibsondell	0.56	Riverine	Dallas	Dallas	N	\$ 155,000	Y	Action aligns with goals and meets TWDB guidance
031000433	Coombs Creek Bridge @ Brooklyndell	0.58	Riverine	Dallas	Dallas	N	\$ 260,000	Y	Action aligns with goals and meets TWDB guidance



FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000434	Coombs Creek Bridge @ Colorado	Proposed bridge installment and to raise Colorado Road for flood protection. Anticipated const. cost = \$1,439,000	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning
031000435	Coombs Creek Bridge @ Barnett	Proposed bridge installment along Barnett for flood protection.	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning
031000436	Coombs Creek Culvert @ Hampton	Proposed storm drainage improvements by adding two (2) culverts along Hampton Road.	03000031, 03000032	Dallas	012030105	120301050102	Headwaters Trinity River	Project Planning
031000437	Knights Branch Upper Relief System Study	Study, Model, & Prelim.Design: Update capital drainage recommendations & cost estimate for the Knights Branch Upper Relief System projects.	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	012030105	120301050101	Headwaters Trinity River	Project Planning
031000438	Knights Branch Upper Relief System Phase 2	Continuation of the Knights Branch Upper Relief System Project. Improve neighborhoods served by the Knights Branch Upper Relief System. Includes Preston Park neighborhood (Bryn Mawr).	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	012030105	120301050101	Headwaters Trinity River	Project Planning
031000439	Knights Branch @ Denton Dr.	Analysis and design for crossing to determine necessary culvert size for crossing to maximize level of service and raise road if necessary	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	012030105	120301050101	Headwaters Trinity River	Project Planning
031000440	Knights Branch Upper Relief System - Inwood/Mockingbird	Major relief system of enclosed portion of upper Knights Branch watershed from Lowe's culvert extension (downstream of Inwood/Lemon) north on Inwood to about Wateka, using 2-12X10 box culverts, with smaller systems as necessary to provide full relief.	03000007, 03000008, 03000013, 03000014, 03000031, 03000032	Dallas	012030105	120301050101	Headwaters Trinity River	Project Planning
031000441	City of Dallas Dam Program - Bachman Lake Dam	Study of possible rehabilitation of the Bachman Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030103	120301031007	Bachman Branch-Elm Fork Trinity River	Other
031000442	City of Dallas Dam Program - Cherrybrook Lake Dam	Study of possible rehabilitation of the Cherrybrook Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Other
031000443	City of Dallas Dam Program - Hatfield Branch Detention Dam	Study of possible rehabilitation of the Hatfield Branch Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria. Existing emergency spillway altered and does not functioned as hydraulically designed.	03000033, 03000034	Dallas	12030105	120301050203	Prairie Creek-Trinity River	Other
031000444	City of Dallas Dam Program - Kidd Springs Lake Dam	Study of possible rehabilitation of the Kidd Springs Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050102	Coombs Creek-Trinity River	Other
031000445	City of Dallas Dam Program - Lake Cliff Dam	Study of possible rehabilitation of Lake Cliff Dam. Remove trees and establish 4:1 slope on downstream embankment. Improve dam spillway capacity to pass the TCEQ required 75% PMF event.	03000033, 03000034	Dallas	12030105	120301050102	Coombs Creek-Trinity River	Other
031000446	City of Dallas Dam Program - Lake Simonds Dam	Study of possible rehabilitation of the Lake Simonds Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050204	Hickory Creek-Parsons Slough	Other
031000447	City of Dallas Dam Program - White Rock Lake Dam	Study of possible rehabilitation of the White Rock Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030105	120301050106, 120301050105	White Rock Creek-White Rock Lake, City of Dallas-White Rock Creek	Other

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031000434	Coombs Creek Bridge @ Colorado	3.76	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000435	Coombs Creek Bridge @ Barnett	1.71	Riverine	Dallas	Dallas	N	\$ 280,000	Y	Action aligns with goals and meets TWDB guidance
031000436	Coombs Creek Culvert @ Hampton	2.93	Riverine	Dallas	Dallas	N	\$ 465,000	Y	Action aligns with goals and meets TWDB guidance
031000437	Knights Branch Upper Relief System Study	3.14	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000438	Knights Branch Upper Relief System Phase 2	3.14	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000439	Knights Branch @ Denton Dr.	0.01	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000440	Knights Branch Upper Relief System - Inwood/Mockingbird	1.23	Riverine	Dallas	Dallas	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000441	City of Dallas Dam Program - Bachman Lake Dam	0.20	Riverine	Dallas	Dallas	N	\$ 100,000	Y	Action aligns with goals and meets TWDB guidance
031000442	City of Dallas Dam Program - Cherrybrook Lake Dam	0.01	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000443	City of Dallas Dam Program - Hatfield Branch Detention Dam	0.01	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000444	City of Dallas Dam Program - Kidd Springs Lake Dam	0.00	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000445	City of Dallas Dam Program - Lake Cliff Dam	0.02	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000446	City of Dallas Dam Program - Lake Simonds Dam	0.05	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000447	City of Dallas Dam Program - White Rock Lake Dam	1.56	Riverine	Dallas	Dallas	N	\$ 100,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000448	City of Dallas Dam Program - Woody Branch Dam	Study for the implementation of erosion protection, RCC separation, survey monumentation, and redoing service road	03000033, 03000034	Dallas	12030105	120301050107	Headwaters Fivemile Creek	Other
031000449	City of Dallas Dam Program - Emerald Lake Dam	Study of possible rehabilitation of the Emerald Lake Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Dallas	12030102	120301020606	Fish Creek-Mountain Creek Lake	Other
031000450	City of Dallas Dam Program - Forney Dam	Study of possible rehabilitation of the Forney Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Kaufman County,Dallas,Rockwall,Collin	12030106	120301060401, 120301060402, 120301060403, 120301060503, 120301060408, 120301060501, 120301060409	Cottonwood Creek-East Fork Trinity River,Muddy Creek-Lake Ray Hubbard,Camp Creek-Lake Ray Hubbard,Rowlett Creek-Lake Ray Hubbard,Rush Creek-Lake Ray Hubbard,Duck Creek,North Mesquite Creek-East Fork Trinity River	Other
031000451	City of Dallas Dam Program - Tawakoni Balancing Reservoir	Study of possible rehabilitation of the Tawakoni Balancing Reservoir Dam embankment, principal spillway, and/or emergency spillway to meet TCEQ dam safety criteria.	03000033, 03000034	Kaufman County	12030107	120301070105	Headwaters Kings Creek	Other
031000452	Stewart Creek & Legacy Gabion Repair	Updates to existing study to perform creek bank stabilization in the Stewart Creek & Legacy Gabion area.	03000031, 03000032	Collin,Denton	12030103	120301030906	Stewart Creek-Lewisville Lake	Project Planning
031000453	Edgewood	Updates to existing study to perform creek bank stabilization in the Edgewood neighborhood	03000031, 03000032	Collin	12030106	120301060404	Headwaters Rowlett Creek	Project Planning
031000454	Regional Detention Study on Poindexter Creek	Proposed 320 ac-ft regional detention pond along Poindexter Branch and Poindexter Branch Tributary 5 and replacement of one (1) 80-ft bridge at Estates Drive. Anticipated const. cost = \$1,338,000	03000007, 03000008, 03000031, 03000032	Denton	012030103	120301030805	Hickory Creek-Little Elm Reservoir	Project Planning
031000455	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	Detailed flood study of Montague Creek to produce updated inundation mapping and provide proposed channel and crossing improvements through the central district of the city.	03000009, 03000010, 03000013, 03000014, 03000031, 03000032	Cooke	012030103	120301030106	Headwaters Elm Fork Trinity River	Watershed Planning
031000456	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	Preliminary engineering of a flood mitigation concept in the Mary's Creek basin upstream of the Fort Worth Floodway Federal Project and the Fort Worth Central City (FWCC) Project	03000031, 03000032	Tarrant,Parker	12030102	120301020104, 120301020204, 120301020105, 120301020103, 120301020208, 120301020305, 120301020306, 120301020307	Silver Creek-Lake Worth,Live Oak Creek-West Fork Trinity River,Farmers Branch-West Fork Trinity River,Squaw Creek-Clear Fork Trinity River,Brown Branch-Clear Fork Trinity River,Dutch Branch-Benbrook Lake,Marys Creek,Lake Como-Clear Fork Trinity River	Project Planning

DRAFT Amended Plan TWDB-Required Table 15: Recommended Floodplain Management Evaluations (New Recommended FMES only)

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000448	City of Dallas Dam Program - Woody Branch Dam	0.00	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000449	City of Dallas Dam Program - Emerald Lake Dam	0.01	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000450	City of Dallas Dam Program - Forney Dam	34.01	Riverine	Dallas	Dallas	N	\$ 100,000	Y	Action aligns with goals and meets TWDB guidance
031000451	City of Dallas Dam Program - Tawakoni Balancing Reservoir	0.09	Riverine	Dallas	Dallas	N	\$ 50,000	Y	Action aligns with goals and meets TWDB guidance
031000452	Stewart Creek & Legacy Gabion Repair	0.73	Riverine	Frisco	Frisco	N	\$ 350,000	Y	Action aligns with goals and meets TWDB guidance
031000453	Edgewood	0.40	Riverine	Frisco	Frisco	N	\$ 520,000	Y	Action aligns with goals and meets TWDB guidance
031000454	Regional Detention Study on Poindexter Creek	3.93	Riverine	Copper Canyon	Copper Canyon	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000455	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	10.92	Riverine	Lindsay	Lindsay	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000456	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	53.97	Riverine	Tarrant Regional Water District	Tarrant Regional Water District	N	\$ 1,229,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000457	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	Kaufman-Van Zandt watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Kaufman, Van Zandt	12010001, 12020001, 12030105, 12030106, 12030107	120100010407, 120100010503, 120100010501, 120100010502, 120100010504, 120100010601, 120100010507, 120100010603, 120100010608, 120100010605, 120100010607, 120100010301, 120100010303, 120100010505, 120100010404, 120100010302, 120100010405, 120100010604, 120200010201, 120200010203, 120200010205, 120200010206, 120200010301, 120200010101, 120200010102, 120200010103, 120200010105, 120200010202, 120200010204, 120301050406, 120301050205, 120301050306, 120301050401, 120301050402, 120301050403, 120301050405, 120301050408, 120301050501, 120301060401, 120301060402, 120301060403, 120301060502, 120301060503, 120301060501, 120301060505, 120301060506, 120301060507, 120301060409, 120301070107, 120301070109, 120301070106, 120301070108, 111302090510, 120301010508, 120301010507, 120301010505, 120301010506, 120301010401, 120301010501, 120301010502, 120301010503, 120301010504, 120301030101, 120301030202, 120301030303, 120301030602, 120301030603, 120301030601, 120301030701, 120301030702, 120301030704, 120301030401, 120301030105, 120301030106, 120301030206, 120301030204, 120301030301, 120301030103, 120301030102, 120301030104, 120301030201, 120301030205, 120301030203, 120301030302, 120301030304, 120301030402, 120301030403, 120301030404, 120301030405, 120301030501, 120301030502, 120301030505, 120301030503, 120301030504, 120301040101, 120301040102, 120301040103, 120301040104, 120301040105, 120301060104, 120301060201, 120301060105, 120301060202, 120301060204	Parsons Slough-Trinity River, Caney Creek-Trinity River, Bridge Creek-Trinity River, Lower Red Oak Creek, Headwaters Old Channel East Fork Trinity River, Old Channel East Fork Trinity River-Trinity River, Smith Creek-Trinity River, Coal Iron Creek-Cottonwood Creek, Headwaters Bois d'Arc Creek, Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Camp Creek-Lake Ray Hubbard, Rush Creek-Lake Ray Hubbard, Duck Creek, Long Branch-Buffero Creek, North Mesquite Creek-East Fork Trinity River, Mustang Creek-East Fork Trinity River, Anthony Branch-Buffero Creek, White House Ridge-East Fork Trinity River, Lacy Fork-Cedar Creek Reservoir, Upper Big Brushy Creek, High Point Creek, Middle Big Brushy Creek, Lower Big Brushy Creek, Headwaters Kings Creek, Eagans Branch-Kings Creek, Little Brushy Creek-Kings Creek, Big Cottonwood Creek-Kings Creek, Headwaters Big Cottonwood Creek, Little Cottonwood Creek-Kings Creek, Town of Kemp-Cedar Creek Reservoir, Muddy Cedar Creek, Rocky Cedar Creek, Allen Creek-Cedar Creek, Caney Creek, Williams Creek-Cedar Creek, Kemp Lake-Cedar Creek, Dry Lacy Fork, Persimmon Branch-Cedar Creek Reservoir, Prairie Creek-Cedar Creek Reservoir, North Twin Creek-Cedar Creek Reservoir, South Twin Creek-Cottonwood Creek-Big Creek, Prairie Branch, South Creek-Big Sandy Creek, Brier Creek-Lake Amon G Carter, Red Oak Creek-Jones Creek, Cowskin Creek-Big Sandy Creek, Upper Brushy Creek, Lower Brushy Creek, Pringle Creek-Big Sandy Creek, Long Branch-Elm Fork Trinity River, Brushy Elm Creek, Dry Elm Creek-Elm Fork Trinity River, Wheeler Creek-Pecan Creek, Montague Creek-Elm Fork Trinity River, Buck Creek-Timber Creek, Headwaters Jordan Creek, Upper Indian Creek, Lower Indian Creek, Wolf Creek, Walnut Branch-Isle du Bois Creek, Upper Spring Creek, Lower Spring Creek, Scott Creek-Elm Fork Trinity River, Pecan Creek-Elm Fork Trinity River, Pond Creek-Elm Fork Trinity River, Dye Creek-Clear Creek, Willawalla Creek-Clear Creek, Bingham Creek, Blocker Creek, Whites Creek-Clear Creek, Upper Range Creek, Lower Range Creek, Jordan Creek-Isle du Bois Creek, Bear Creek-Buck Creek, Flat Creek, Buck Creek-Clear Creek, Little Duck Creek-Duck Creek, Headwaters Little Elm Creek, Pecan Creek, Mustang Creek, Braden Branch-Denton Creek, Panther Creek-Denton Creek, Harts Creek-Denton Creek, Wells Branch-Denton Creek, Dry Valley Creek, Desert Creek-Pilot Grove Creek, Squirrel Creek-East Fork Trinity River, Whites Creek-East Fork Trinity River, Headwaters Pilot Grove Creek, Honey Creek-West Prong Sister Grove Creek Headwaters	Other
031000458	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	Upper Elm-Red watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Cooke, Grayson, Montague	11130209, 12030101, 12030103, 12030104, 12030106, 11130201, 11130210, 11140101	11130209, 12030101, 12030103, 12030104, 12030106, 11130201, 11130210, 11140101	Upper Elm-Red watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	Other

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000457	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	1809.19	Riverine	Kaufman-Van Zandt SWCD	Kaufman-Van Zandt SWCD	N	\$ 738,000	Y	Action aligns with goals and meets TWDB guidance
031000458	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	2808.44	Riverine	Upper Elm-Red SWCD	Upper Elm-Red SWCD	N	\$ 1,322,000	Y	Action aligns with goals and meets TWDB guidance

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000459	Collin County SWCD Watershed-wide Dam Evaluations	Collin county watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Collin	12010001, 12030103, 12030105, 12030106	120100010201, 120100010202, 120100010301, 120100010302, 120301030904, 120301030703, 120301030903, 120301030905, 120301030906, 120301031004, 120301031003, 120301030701, 120301050103, 120301050104, 120301060306, 120301060104, 120301060101, 120301060102, 120301060103, 120301060105, 120301060202, 120301060303, 120301060305, 120301060304, 120301060307, 120301060401, 120301060402, 120301060203, 120301060405, 120301060403, 120301060404, 120301060407, 120301060408, 120301060207, 120301060204, 120301060205, 120301060206, 120301060302, 120301060406, 120301060208	Headwaters Little Elm Creek, Little Elm Creek, Doe Branch-Lewisville Lake, Panther Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake, Indian Creek-Elm Fork Trinity River, Grapevine Creek-Elm Fork Trinity River, Headwaters White Rock Creek, Floyd Branch-White Rock Creek, Elm Creek-Lavon Lake, Cottonwood Creek-East Fork Trinity River, Muddy Creek-Lake Ray Hubbard, Pittman Creek-Spring Creek, Bear Creek-Indian Creek, Arnold Creek, Pot Rack Creek-Indian Creek, Desert Creek-Pilot Grove Creek, Whites Creek-East Fork Trinity River, Headwaters Pilot Grove Creek, Throckmorton Creek-East Fork Trinity River, Honey Creek, Clemons Creek-East Fork Trinity River, Upper Wilson Creek, Lower Wilson Creek, East Fork Trinity River-Lavon Lake, Headwaters Sister Grove Creek, Stiff Creek-Sister Grove Creek, Sister Grove Creek-Pilot Grove Creek, Ticky Creek-Lavon Lake, Price Creek-Lavon Lake, Camp Creek-Lake Ray Hubbard, Headwaters Rowlett Creek, Town of Allen-Cottonwood Creek, Brown Branch-Rowlett Creek, Rowlett Creek-Lake Ray Hubbard	Other
031000460	Fannin SWCD Watershed-wide Dam Evaluations	Fannin watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Fannin	12030106	120301060101, 120301060102	Bear Creek-Indian Creek, Arnold Creek	Other
031000461	Cooper Creek Drainage Study	Flood study in the City of Denton to quantify existing flooding severity and proposed mitigation strategies to protect hydraulic structures and property adjacent to Cooper Creek.	03000009, 03000010, 03000013, 03000014, 03000031, 03000032	Denton	012030103	120301030902	Elm Fork Trinity River-Little Elm Reservoir	Watershed Planning
031000462	Jack SWCD Watershed-wide Dam Evaluations	Jack watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Jack	12030101, 12060201	120301010102, 120301010103, 120301010302, 120301010104, 120301010105, 120301010201, 120301010106, 120301010107, 120301010203, 120301010303, 120301010202, 120301010204, 120301010205, 120301010505, 120301010206, 120301010207, 120301010208, 120301010301, 120301010304, 120301010401, 120301010402, 120301010403, 120301010405, 120301010406, 120301010407, 120301010409, 120301010502, 120301010503, 120602010201, 120602010202, 120602010203, 120602010605, 120602010606, 120602010601, 120602010602, 120602010603, 120602010604, 120602010607, 120602011101	North Creek, Big Cleveland Creek, Crooked Creek, Flag Springs Creek-West Fork Trinity River, Prickly Pear Branch-West Fork Trinity River, Dead Horse Creek-Brushy Creek, Plum Creek, Upper Cameron Creek, Lower Cameron Creek, Flat Creek-West Fork Trinity River, Lodge Creek, Turkey Creek, Roberts Prairie Branch-West Fork Trinity River, Jones Creek, Lost Creek, Hall Creek-West Fork Trinity River, Carroll Creek, Howard Creek-West Fork Trinity River, Cottonwood Creek-Big Creek, Beans Creek, Pecan Branch-West Fork Trinity River, Big Creek-Lake Bridgeport, Jasper Creek, Boons Creek, Lake Bridgeport, South Creek-Big Sandy Creek, Brier Creek-Lake Amon G Carter, Cowskin Creek-Big Sandy Creek	Other



FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000459	Collin County SWCD Watershed-wide Dam Evaluations	883.61	Riverine	Collin County SWCD	Collin County SWCD	N	\$ 858,000	Y	Action aligns with goals and meets TWDB guidance
031000460	Fannin SWCD Watershed-wide Dam Evaluations	0.23	Riverine	Fannin SWCD	Fannin SWCD	N	\$ 408,000	Y	Action aligns with goals and meets TWDB guidance
031000461	Cooper Creek Drainage Study	14.39	Riverine	Denton	Denton	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000462	Jack SWCD Watershed-wide Dam Evaluations	917.36	Riverine	Jack Soil and Water SWCD	Jack Soil and Water SWCD	N	\$ 503,000	Y	Action aligns with goals and meets TWDB guidance

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000463	Denton SWCD Watershed-wide Dam Evaluations	Denton watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Denton	12030103, 12030104, 12030105	120301030904, 120301030901, 120301030902, 120301030703, 120301030705, 120301030801, 120301030903, 120301030905, 120301030906, 120301031001, 120301030805, 120301031002, 120301031004, 120301031003, 120301030602, 120301030604, 120301030603, 120301030601, 120301030605, 120301030701, 120301030702, 120301030704, 120301030802, 120301030803, 120301030804, 120301030304, 120301030406, 120301030405, 120301030505, 120301030504, 120301040307, 120301040202, 120301040205, 120301040204, 120301040206, 120301040301, 120301040302, 120301040306, 120301040303, 120301040304, 120301040305, 120301050103	Walnut Branch-Isle du Bois Creek,Pond Creek-Elm Fork Trinity River,Culp Branch-Elm Fork Trinity River,Blocker Creek,Whites Creek-Clear Creek,Flat Creek,Buck Creek-Clear Creek,Little Duck Creek-Duck Creek,Moore's Branch-Clear Creek,Milam Creek-Clear Creek,Headwaters Little Elm Creek,Little Elm Creek,Pecan Creek,Mustang Creek,Running Branch-Little Elm Creek,North Hickory Creek,South Hickory Creek,Upper Hickory Creek,Middle Hickory Creek,Lower Hickory Creek,Timber Branch-Lewisville Lake,Pecan Creek-Lewisville Lake,Doe Branch-Lewisville Lake,Panther Creek-Lewisville Lake,Cottonwood Branch-Lewisville Lake,Stewart Creek-Lewisville Lake,Prairie Creek-Elm Fork Trinity River,Timber Creek,Indian Creek-Elm Fork Trinity River,Grapevine Creek-Elm Fork Trinity River,North Pecan Creek-Denton Creek,Morris Branch-Denton Creek,Hog Branch-Denton Creek,Oliver Creek,Headwaters Elizabeth Creek,Henrietta Creek,Elizabeth Creek-Denton Creek,Denton Creek-Grapevine Lake,Marshall Branch-Grapevine Lake,Dove Creek-Grapevine Lake,Cottonwood Branch-Denton Creek,Headwaters White Rock Creek	Other
031000464	Dalworth SWCD Watershed-wide Dam Evaluations	Dalworth watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Dallas, Tarrant, Johnson, Ellis	12030101, 12030102, 12030103, 12030104, 12030105, 12030106, 12030109, 12060201, 12060202	120301010605, 120301010606, 120301010608, 120301010609, 120301010610, 120301020101, 120301020104, 120301020701, 120301020607, 120301020703, 120301020403, 120301020405, 120301020502, 120301020602, 120301020506, 120301020601, 120301020706, 120301020702, 120301020704, 120301020705, 120301020605, 120301020105, 120301020103, 120301020208, 120301020301, 120301020302, 120301020303, 120301020304, 120301020305, 120301020306, 120301020307, 120301020401, 120301020404, 120301020402, 120301020501, 120301020503, 120301020504, 120301020505, 120301020603, 120301020604, 120301020606, 120301031007, 120301031006, 120301031002, 120301031004, 120301031005, 120301031003, 120301040307, 120301040302, 120301040306, 120301040305, 120301050106	Dosier Creek-Eagle Mountain Creek,Blue Creek-Eagle Mountain Lake,Indian Creek-Eagle Mountain Lake,Lower Walnut Creek,Ash Creek,West Fork Trinity River-Lake Worth,Silver Creek-Lake Worth,Live Oak Creek-West Fork Trinity River,Farmers Branch-West Fork Trinity River,Brown Branch-Clear Fork Trinity River,South Bear Creek,Bear Creek,Mustang Creek,Rock Creek,Dutch Branch-Benbrook Lake,Marys Creek,Lake Como-Clear Fork Trinity River,Quil Miller Creek-Village Creek,Deer Creek-Village Creek,Village Creek-Lake Arlington,Big Bear Creek,Little Bear Creek,Estelle Creek-Bear Creek,Delaware Creek-West Fork Trinity River,Wildcat Branch-Lake Arlington,Rush Creek-Village Creek,Marine Creek-West Fork Trinity River,Headwaters Sycamore Creek,Whites Branch-Big Fossil Creek,Sycamore Creek-West Fork Trinity River,Headwaters Walker Branch,Walker Branch-West Fork Trinity River,Headwaters Mountain Creek,Soap Creek,Low Branch-Mountain Creek,King Branch-Walnut Creek,Lynn Creek-Walnut Creek,Fish Creek-Mountain Creek Lake,Cottonwood Creek-Mountain Creek Lake,Hurricane Creek-West Fork Trinity River,Johnson Creek,Cottonwood Branch-Hackberry Creek,Bachman Branch-Elm Fork Trinity River,Timber Creek,Indian Creek-Elm Fork Trinity	Other

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000463	Denton SWCD Watershed-wide Dam Evaluations	950.26	Riverine	Denton SWCD	Denton SWCD	N	\$ 618,000	Y	Action aligns with goals and meets TWDB guidance
031000464	Dalworth SWCD Watershed-wide Dam Evaluations	2316.15	Riverine	Dalworth SWCD	Dalworth SWCD	N	\$ 923,000	Y	Action aligns with goals and meets TWDB guidance

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FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000465	Upper Sabine SWCD Watershed-wide Dam Evaluations	Upper Sabine watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Hunt	11140301, 12010001, 12010003, 12030106, 12030107	111403010102, 111403010105, 111403010104, 111403010106, 111403010101, 111403010103, 111403010204, 111403010202, 111403010201, 111403010203, 111403010205, 120100010406, 120100010407, 120100010103, 120100010101, 120100010102, 120100010104, 120100010203, 120100010201, 120100010202, 120100010204, 120100010301, 120100010303, 120100010401, 120100010402, 120100010404, 120100010302, 120100010403, 120100010405, 120100030101, 120100030102, 120301060101, 120301060102, 120301070102	Bear Creek-Indian Creek,Arnold Creek,High Point Creek	Other
031000466	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	Property acquisition of ninety-five (95) structures along Collins Street and Division Street. No channel improvements planned.	03000013, 03000014	Tarrant	12030102	120301020702	Johnson Creek	Project Planning
031000467	Floodplain Evaluation of Kings Branch and Farmers Branch	Flood study to identify areas that will be suitable for an FMP for future floodplain cycles.	03000007, 03000008, 03000031, 03000032	Tarrant	012030102	120301020105	Lake Worth-West Fork Trinity River	Project Planning
031000468	Wise SWCD Watershed-wide Dam Evaluations	Wise watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Wise	12030101, 12030102, 12030103, 12030104	120301010508, 120301010601, 120301010507, 120301010505, 120301010605, 120301010602, 120301010603, 120301010509, 120301010510, 120301010511, 120301010604, 120301010606, 120301010401, 120301010402, 120301010403, 120301010404, 120301010405, 120301010406, 120301010407, 120301010411, 120301010408, 120301010409, 120301010410, 120301010608, 120301010607, 120301020201, 120301030801, 120301030505, 120301040202, 120301040104, 120301040105, 120301040201, 120301040203, 120301040204, 120301040206, 120301040301, 120301040302, 120301040303	Cottonwood Creek-Big Creek,Beans Creek,Pecan Branch-West Fork Trinity River,Vencher Creek,Big Creek-Lake Bridgeport,Jasper Creek,Boons Creek,Willow Creek,Lake Bridgeport,Village Creek-West Fork Trinity River,Dry Creek-West Fork Trinity River,Salt Creek,Walnut Creek-West Fork Trinity River,Blue Creek-Eagle Mountain Lake,Indian Creek-Eagle Mountain Lake,Cowskin Creek-Big Sandy Creek,Lower Brushy Creek,Pringle Creek-Big Sandy Creek,Chicken Creek-Big Sandy Creek,Briar Branch-Big Sandy Creek,Waggoner Branch-Big Sandy Creek,Martin Branch-West Fork Trinity Branch,Garrett Creek,Upper Walnut Creek,Lower Walnut Creek,Cottonwood Creek-Clear Fork Trinity River,Whites Creek-Clear Creek,North Hickory Creek,Panther Creek-Denton Creek,Harts Creek-Denton Creek,Black Creek-Denton Creek,North Pecan Creek-Denton Creek,Catlett Creek-Sweetwater Creek,Morris Branch-Denton Creek,Oliver Creek,Headwaters Elizabeth Creek,Henrietta Creek,Elizabeth Creek-Denton Creek	Other

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000465	Upper Sabine SWCD Watershed-wide Dam Evaluations	879.21	Riverine	Upper Sabine SWCD	Upper Sabine SWCD	N	\$ 454,000	Y	Action aligns with goals and meets TWDB guidance
031000466	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	0.51	Riverine	Arlington	Arlington	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000467	Floodplain Evaluation of Kings Branch and Farmers Branch	11.80	Riverine	Westworth Village	Westworth Village	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000468	Wise SWCD Watershed-wide Dam Evaluations	919.75	Riverine	Wise SWCD	Wise SWCD	N	\$ 678,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000469	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	Analysis of the flood mitigation value of select nature based solutions at varying scales and land use types basin wide.	03000007, 03000008	Anderson, Archer, Chambers, Clay, Collin, Cooke, Dallas, Denton, Ellis, Fannin, Freestone, Grayson, Grimes, Hardin, Henderson, Hill, Hood, Houston, Hunt, Jack, Johnson, Kaufman, Leon, Liberty, Limestone, Madison, Montague, Navarro, Parker, Polk, Rockwall, San Jacinto, Tarrant, Trinity, Van Zandt, Walker, Wise, Young	12030101, 12030102, 12030103, 12030104, 12030105, 12030106, 12030107, 12030108, 12030109, 12030201, 12030202, 12030203	120301010101, 120301010102, 120301010103, 120301010104, 120301010105, 120301010106, 120301010107, 120301010201, 120301010202, 120301010203, 120301010204, 120301010205, 120301010206, 120301010207, 120301010208, 120301010301, 120301010302, 120301010303, 120301010304, 120301010401, 120301010402, 120301010403, 120301010404, 120301010405, 120301010406, 120301010407, 120301010408, 120301010409, 120301010410, 120301010411, 120301010501, 120301010502, 120301010503, 120301010504, 120301010505, 120301010506, 120301010507, 120301010508, 120301010509, 120301010510, 120301010511, 120301010601, 120301010602, 120301010603, 120301010604, 120301010605, 120301010606, 120301010607, 120301010608, 120301010609, 120301010610, 120301020101	Cameron Creek-West Fork Trinity River, Big Cleveland Creek-West Fork Trinity River, Lost Creek-West Fork Trinity River, Lake Bridgeport-West Fork Trinity River, Big Sandy Creek, West Fork Trinity River-Eagle Mountain Lake, Lake Worth-West Fork Trinity River, Upper Clear Fork Trinity River, Lower Clear Fork Trinity River, Village Creek, Big Fossil Creek-West Fork Trinity River, Mountain Creek-Mountain Creek Lake, Mountain Creek-West Fork Trinity River, Headwaters Elm Fork Trinity River, Buck Creek-Isle du Bois Creek, Isle du Bois Creek-Elm Fork Trinity River, Spring Creek-Elm Fork Trinity River, Blocker Creek-Clear Creek, Duck Creek-Clear Creek, Little Elm Creek-Little Elm Reservoir, Hickory Creek-Little Elm Reservoir, Elm Fork Trinity River-Little Elm Reservoir, Timber Creek-Elm Fork Trinity River, Upper Denton Creek, Middle Denton Creek, Lower Denton Creek, Headwaters Trinity River, Tenmile Creek-Trinity River, Red Oak Creek, Village Creek-Trinity River, Rush Creek-Trinity River, Indian Creek-Pilot Grove Creek, East Fork Trinity River-Levon Lake, Pilot Grove Creek-Lavon Lake, East Fork Trinity River-Lake Ray Hubbard, Duck Creek-East Fork Trinity River, Kings Creek-Cedar Creek Reservoir, Cedar Creek-Cedar Creek Reservoir, Cedar Creek Reservoir-Cedar Creek, Richland Creek-Navarro Mills Lake, Post Oak Creek-Richland Creek, Pin Oak	Watershed Planning
031000470	City of Normangee Watershed-wide Dam Evaluations	City of Normangee watershed-wide evaluation of dams to assess flood performance for 100-year and 500-year events. Includes breach analyses mapping, risk indices, hazard classification assessment, and safety performance.	03000033, 03000034	Madison, Leon	12030202, 12070103	120302020402, 120701030504	East Caney Creek-Caney Creek	Other
031000471	Tri-City Gully Improvements Study	Study to provide channel modifications to Tri-City Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay	03000029, 03000030	Chambers	12040203	120402030106, 120402030200	Cedar Bayou-Frontal Galveston Bay	Project Planning
031000472	Skylane Gully Improvements Study	Study to provide channel modifications to Skylane Gully to improve conveyance from upstream of FM 2354 to the outfall into Trinity Bay	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030106, 120402030200	Cotton Bayou-Frontal Trinity Bay, Cedar Bayou-Frontal Galveston Bay	Project Planning
031000473	Point Barrow Gully Improvements Study	Study to provide channel modifications to Point Barrow Gully to improve conveyance from downstream of McCollum Park Road to the outfall into Trinity Bay	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030200	Cotton Bayou-Frontal Trinity Bay, Cedar Bayou-Frontal Galveston Bay	Project Planning
031000474	Cedar Gully Improvements Study	Study to provide channel modifications to Cedar Gully upstream of FM 2354 to improve conveyance to outfall into Trinity Bay	03000029, 03000030	Chambers	12030203, 12040203	120302030307, 120402030106, 120402030200	Cotton Bayou-Frontal Trinity Bay, Cedar Bayou-Frontal Galveston Bay	Project Planning
031000475	Hackberry Gully Improvements Study	Study to implement either diversion, detention or channel modifications to Hackberry Gully to improve conveyance from downstream of IH-10 to confluence with Cotton Bayou	03000029, 03000030	Chambers	12030203, 12040203	120302030304, 120302030306, 120302030307, 120402030105, 120402030106	Lynchburg Canal-Old River, Lost River-Old River, Cotton Bayou-Frontal Trinity Bay	Project Planning
031000476	Spring Creek Gully Improvements Study	Assessment of implementation of detention, conveyance improvements, or a diversion for Spring Creek	03000029, 03000030	Chambers	12030203	120302030307	Cotton Bayou-Frontal Trinity Bay	Project Planning
031000477	Cotton Bayou Improvements Study	Study to implement diversion, detention or channel modifications to Cotton Bayou to improve conveyance from downstream of IH-10 to confluence with Hackberry Gully	03000029, 03000030	Chambers	12030203, 12040203	120302030304, 120302030306, 120302030307, 120402030105	Lynchburg Canal-Old River, Lost River-Old River, Cotton Bayou-Frontal Trinity Bay	Project Planning

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000469	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	17914.00	Riverine	The Nature Conservancy (TNC)	The Nature Conservancy (TNC)	N	\$ 742,000	Y	Action aligns with goals and meets TWDB guidance
031000470	City of Normangee Watershed-wide Dam Evaluations	1.14	Riverine	Normangee	Normangee	N	\$ 58,000	Y	Action aligns with goals and meets TWDB guidance
031000471	Tri-City Gully Improvements Study	1.15	Riverine, Coastal	Chambers County	Chambers County	N	\$ 100,000	Y	Action aligns with goals and meets TWDB guidance
031000472	Skylane Gully Improvements Study	3.68	Riverine, Coastal	Chambers County	Chambers County	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000473	Point Barrow Gully Improvements Study	1.24	Riverine, Coastal	Chambers County	Chambers County	N	\$ 100,000	Y	Action aligns with goals and meets TWDB guidance
031000474	Cedar Gully Improvements Study	3.94	Riverine, Coastal	Chambers County	Chambers County	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000475	Hackberry Gully Improvements Study	5.79	Riverine, Coastal	Chambers County	Chambers County	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance
031000476	Spring Creek Gully Improvements Study	0.78	Riverine, Coastal	Chambers County	Chambers County	N	\$ 100,000	Y	Action aligns with goals and meets TWDB guidance
031000477	Cotton Bayou Improvements Study	5.36	Riverine, Coastal	Chambers County	Chambers County	N	\$ 150,000	Y	Action aligns with goals and meets TWDB guidance



FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000478	Floodplain Mapping Updates of Bakers Branch Tributary 1	Floodplain mapping of Bakers Branch Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040307	Lower Denton Creek	Watershed Planning
031000479	Floodplain Mapping Updates of Bakers Branch Tributary 2	Floodplain mapping of Bakers Branch Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040307	Lower Denton Creek	Watershed Planning
031000480	Floodplain Mapping Updates of Bakers Branch	Floodplain mapping updates on Bakers Branch to establish base flood elevations and convert Zone A to Zone AE via LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040307	Lower Denton Creek	Watershed Planning
031000481	Floodplain Mapping Updates of Graham Branch Tributary 3	Floodplain mapping of Graham Branch Tributary 3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040304	Lower Denton Creek	Watershed Planning
031000482	Floodplain Mapping Updates of Graham Branch Tributary 9	Floodplain mapping of Graham Branch Tributary 9 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040304	Lower Denton Creek	Watershed Planning
031000483	Floodplain Mapping Updates of Graham Branch Tributary 10	Floodplain mapping of Graham Branch Tributary 10 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040304	Lower Denton Creek	Watershed Planning
031000484	Floodplain Mapping Updates of Graham Branch	Floodplain mapping of Graham Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040304	Lower Denton Creek	Watershed Planning
031000485	Floodplain Mapping Updates of McKamy Creek	Floodplain mapping of McKamy Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040306	Lower Denton Creek	Watershed Planning
031000486	Floodplain Mapping Updates of Sharps Branch Tributary 3	Floodplain mapping of Sharps Branch Tributary 3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040305	Lower Denton Creek	Watershed Planning
031000487	Floodplain Mapping Updates of Sharps Branch	Floodplain mapping of Sharps Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040305	Lower Denton Creek	Watershed Planning
031000488	Floodplain Mapping Updates of Stream SB-1 Tributary 1	Floodplain mapping of Stream SB-1 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040305	Lower Denton Creek	Watershed Planning
031000489	Floodplain Mapping Updates of Stream SB-1 Tributary 2	Floodplain mapping of Stream SB-1 Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040305	Lower Denton Creek	Watershed Planning
031000490	Floodplain Mapping Updates of Stream SB-1	Floodplain mapping of Stream SB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040305	Lower Denton Creek	Watershed Planning
031000491	Floodplain Mapping Updates of Stream WB-1	Floodplain mapping of Stream WB-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040304	Lower Denton Creek	Watershed Planning

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031000478	Floodplain Mapping Updates of Bakers Branch Tributary 1	0.27	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000479	Floodplain Mapping Updates of Bakers Branch Tributary 2	0.24	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000480	Floodplain Mapping Updates of Bakers Branch	2.92	Riverine	Flower Mound	Flower Mound	N	\$ 61,000	Y	Action aligns with goals and meets TWDB guidance
031000481	Floodplain Mapping Updates of Graham Branch Tributary 3	0.44	Riverine	Flower Mound	Flower Mound	N	\$ 57,000	Y	Action aligns with goals and meets TWDB guidance
031000482	Floodplain Mapping Updates of Graham Branch Tributary 9	0.16	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000483	Floodplain Mapping Updates of Graham Branch Tributary 10	0.82	Riverine	Flower Mound	Flower Mound	N	\$ 59,000	Y	Action aligns with goals and meets TWDB guidance
031000484	Floodplain Mapping Updates of Graham Branch	9.97	Riverine	Flower Mound	Flower Mound	N	\$ 80,000	Y	Action aligns with goals and meets TWDB guidance
031000485	Floodplain Mapping Updates of McKamy Creek	2.89	Riverine	Flower Mound	Flower Mound	N	\$ 65,000	Y	Action aligns with goals and meets TWDB guidance
031000486	Floodplain Mapping Updates of Sharps Branch Tributary 3	0.71	Riverine	Flower Mound	Flower Mound	N	\$ 59,000	Y	Action aligns with goals and meets TWDB guidance
031000487	Floodplain Mapping Updates of Sharps Branch	4.15	Riverine	Flower Mound	Flower Mound	N	\$ 64,000	Y	Action aligns with goals and meets TWDB guidance
031000488	Floodplain Mapping Updates of Stream SB-1 Tributary 1	0.40	Riverine	Flower Mound	Flower Mound	N	\$ 60,000	Y	Action aligns with goals and meets TWDB guidance
031000489	Floodplain Mapping Updates of Stream SB-1 Tributary 2	0.28	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000490	Floodplain Mapping Updates of Stream SB-1	1.47	Riverine	Flower Mound	Flower Mound	N	\$ 57,000	Y	Action aligns with goals and meets TWDB guidance
031000491	Floodplain Mapping Updates of Stream WB-1	2.91	Riverine	Flower Mound	Flower Mound	N	\$ 63,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000492	Floodplain Mapping Updates of Stream WC-1	Floodplain mapping of Stream WC-1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040306	Lower Denton Creek	Watershed Planning
031000493	Floodplain Mapping Updates of Stream WC-3	Floodplain mapping of Stream WC-3 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040306	Lower Denton Creek	Watershed Planning
031000494	Floodplain Mapping Updates of Stream WC-4	Floodplain mapping of Stream WC-4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040306	Lower Denton Creek	Watershed Planning
031000495	Floodplain Mapping Updates of TC-2 Tributary 2	Floodplain mapping of TC-2 Tributary 2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000496	Floodplain Mapping Updates of TC-2 Tributary 4	Floodplain mapping of TC-2 Tributary 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000497	Floodplain Mapping Updates of Timber Creek Tributary 9	Floodplain mapping of Timber Creek Tributary 9 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000498	Floodplain Mapping Updates of Timber Creek Tributary 10	Floodplain mapping of Timber Creek Tributary 10 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000499	Floodplain Mapping Updates of Timber Creek Tributary 11	Floodplain mapping of Timber Creek Tributary 11 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000500	Floodplain Mapping Updates of Timber Creek Tributary 13	Floodplain mapping of Timber Creek Tributary 13 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000501	Floodplain Mapping Updates of Timber Creek Tributary 16	Floodplain mapping of Timber Creek Tributary 16 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000502	Floodplain Mapping Updates of Timber Creek Tributary 17	Floodplain mapping of Timber Creek Tributary 17 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000503	Floodplain Mapping Updates of Timber Creek Tributary 18	Floodplain mapping of Timber Creek Tributary 18 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000504	Floodplain Mapping Updates of Tributary C to Timber Creek	Floodplain mapping of Tributary C to Timber Creek to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030103	120301031002	Timber Creek-Elm Fork Trinity River	Watershed Planning
031000505	Floodplain Mapping Updates of Unnamed 4	Floodplain mapping of Unnamed 4 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040305	Lower Denton Creek	Watershed Planning

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031000492	Floodplain Mapping Updates of Stream WC-1	0.40	Riverine	Flower Mound	Flower Mound	N	\$ 58,000	Y	Action aligns with goals and meets TWDB guidance
031000493	Floodplain Mapping Updates of Stream WC-3	0.17	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000494	Floodplain Mapping Updates of Stream WC-4	0.48	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000495	Floodplain Mapping Updates of TC-2 Tributary 2	0.20	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000496	Floodplain Mapping Updates of TC-2 Tributary 4	0.35	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000497	Floodplain Mapping Updates of Timber Creek Tributary 9	0.18	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000498	Floodplain Mapping Updates of Timber Creek Tributary 10	0.06	Riverine	Flower Mound	Flower Mound	N	\$ 55,000	Y	Action aligns with goals and meets TWDB guidance
031000499	Floodplain Mapping Updates of Timber Creek Tributary 11	0.22	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000500	Floodplain Mapping Updates of Timber Creek Tributary 13	0.09	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000501	Floodplain Mapping Updates of Timber Creek Tributary 16	1.32	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000502	Floodplain Mapping Updates of Timber Creek Tributary 17	0.38	Riverine	Flower Mound	Flower Mound	N	\$ 57,000	Y	Action aligns with goals and meets TWDB guidance
031000503	Floodplain Mapping Updates of Timber Creek Tributary 18	0.34	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000504	Floodplain Mapping Updates of Tributary C to Timber Creek	0.48	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000505	Floodplain Mapping Updates of Unnamed 4	3.06	Riverine	Flower Mound	Flower Mound	N	\$ 60,000	Y	Action aligns with goals and meets TWDB guidance

FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000506	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	Floodplain mapping of Unnamed 5 Tributary 1.2 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040306	Lower Denton Creek	Watershed Planning
031000507	Floodplain Mapping Updates of Unnamed 5 Tributary 1	Floodplain mapping of Unnamed 5 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040306	Lower Denton Creek	Watershed Planning
031000508	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	Floodplain mapping of Unnamed Tributary to Bakers Branch to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040307	Lower Denton Creek	Watershed Planning
031000509	Floodplain Mapping Updates of WB-1 Tributary 1	Floodplain mapping of WB-1 Tributary 1 to establish base flood elevations in order to convert Zone A to Zone AE via a LOMR.	03000005, 03000006, 03000009, 03000010	Denton	012030104	120301040304	Lower Denton Creek	Watershed Planning
031000510	Floodplain Mapping Updates of Whites Branch Tributary 2.1	Floodplain mapping updates of Whites Branch Tributary 2.1. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040304	Denton Creek-Grapevine Lake	Watershed Planning
031000511	Floodplain Mapping Updates of Whites Branch Tributary 2	Floodplain mapping updates of Whites Branch Tributary 2. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040304	Denton Creek-Grapevine Lake	Watershed Planning
031000512	Floodplain Mapping Updates of Whites Branch	Floodplain mapping updates of Whites Branch. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040304, 120301040305	Denton Creek-Grapevine Lake, Marshall Branch-Grapevine Lake	Watershed Planning
031000513	Floodplain Mapping Updates of Wichita Chase Tributary	Floodplain mapping updates of Wichita Chase Tributary. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030103, 12030104	120301031002, 120301040306	Timber Creek, Dove Creek-Grapevine Lake	Watershed Planning
031000514	Floodplain Mapping Updates of Wichita Creek	Floodplain mapping updates of Wichita Creek. Establish BFE's and convert Zone A to Zone AE via a LOMR.	03000005, 03000006	Denton	12030104	120301040306	Dove Creek-Grapevine Lake	Watershed Planning
031000515	Hydrologic Updates of Town Wide Fully Developed Hydrology	Hydrologic updates to Town of Flower Mound's Town Wide Fully Developed Hydrologic Model.	03000005, 03000006	Tarrant, Dallas, Denton	12030102, 12030103, 12030104	120301020703, 120301030902, 120301030905, 120301030906, 120301031001, 120301030805, 120301031002, 120301031004, 120301031005, 120301030804, 120301040307, 120301040205, 120301040301, 120301040302, 120301040306, 120301040303, 120301040304, 120301040305	Big Bear Creek, Middle Hickory Creek, Lower Hickory Creek, Pecan Creek-Lewisville Lake, Cottonwood Branch-Lewisville Lake, Stewart Creek-Lewisville Lake, Prairie Creek-Elm Fork Trinity River, Timber Creek, Grapevine Creek-Elm Fork Trinity River, Farmers Branch-Elm Fork Trinity River, Hog Branch-Denton Creek, Headwaters Elizabeth Creek, Henrietta Creek, Elizabeth Creek-Denton Creek, Denton Creek-Grapevine Lake, Marshall Branch-Grapevine Lake, Dove Creek-Grapevine Lake, Cottonwood Branch-Denton Creek	Watershed Planning

DRAFT Amended Plan TWDB-Required Table 15: Recommended Floodplain Management Evaluations (New Recommended FMES only)

FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000506	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	0.09	Riverine	Flower Mound	Flower Mound	N	\$ 58,000	Y	Action aligns with goals and meets TWDB guidance
031000507	Floodplain Mapping Updates of Unnamed 5 Tributary 1	0.68	Riverine	Flower Mound	Flower Mound	N	\$ 57,000	Y	Action aligns with goals and meets TWDB guidance
031000508	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	0.19	Riverine	Flower Mound	Flower Mound	N	\$ 56,000	Y	Action aligns with goals and meets TWDB guidance
031000509	Floodplain Mapping Updates of WB-1 Tributary 1	0.07	Riverine	Flower Mound	Flower Mound	N	\$ 59,000	Y	Action aligns with goals and meets TWDB guidance
031000510	Floodplain Mapping Updates of Whites Branch Tributary 2.1	0.23	Riverine	Flower Mound	Flower Mound	N	\$ 58,000	Y	Action aligns with goals and meets TWDB guidance
031000511	Floodplain Mapping Updates of Whites Branch Tributary 2	1.52	Riverine	Flower Mound	Flower Mound	N	\$ 61,000	Y	Action aligns with goals and meets TWDB guidance
031000512	Floodplain Mapping Updates of Whites Branch	1.01	Riverine	Flower Mound	Flower Mound	N	\$ 67,000	Y	Action aligns with goals and meets TWDB guidance
031000513	Floodplain Mapping Updates of Wichita Chase Tributary	1.06	Riverine	Flower Mound	Flower Mound	N	\$ 60,000	Y	Action aligns with goals and meets TWDB guidance
031000514	Floodplain Mapping Updates of Wichita Creek	0.49	Riverine	Flower Mound	Flower Mound	N	\$ 64,000	Y	Action aligns with goals and meets TWDB guidance
031000515	Hydrologic Updates of Town Wide Fully Developed Hydrology	242.27	Riverine	Flower Mound	Flower Mound	N	\$ 5,181,000	Y	Action aligns with goals and meets TWDB guidance



FME ID	FME Name	Description	Associated Goal No.	Counties	HUC8s	HUC12s	Watershed Name	Study Type
031000516	Kaufman County Countywide Drainage Study - Phase 2	Kaufman Countywide Drainage Study – Phase 2. Development of detailed hydraulic models for additional areas of high flood risk identified in Phase 1. Perform alternatives analysis and develop FMPs for second cycle of the State Flood Plan.	03000007, 03000008	Kaufman	12010001, 12030105, 12030106, 12030107	120100010503, 120100010501, 120100010502, 120100010504, 120100010301, 120100010303, 120100010404, 120100010302, 120100010405, 120301050406, 120301050106, 120301050205, 120301050104, 120301050105, 120301050203, 120301050204, 120301050306, 120301050401, 120301050402, 120301050403, 120301050405, 120301050407, 120301050408, 120301050501, 120301050504, 120301060401, 120301060402, 120301060502, 120301060503, 120301060407, 120301060408, 120301060501, 120301060504, 120301060505, 120301060506, 120301060507, 120301060409, 120301070107, 120301070109, 120301070106, 120301070108, 120301070110, 120301070111, 120301070201, 120301070202, 120301070101, 120301070102, 120301070103, 120301070104, 120301070105, 120301070302, 120301070205	Prairie Creek-Trinity River,Floyd Branch-White Rock Creek,White Rock Creek-White Rock Lake,City of Dallas-White Rock Creek,Hickory Creek-Parsons Slough,Parsons Slough-Trinity River,Caney Creek-Trinity River,Bridge Creek-Trinity River,Trinidad Lake-Trinity River,Lower Red Oak Creek,Headwaters Old Channel East Fork Trinity River,Old Channel East Fork Trinity River-Trinity River,Smith Creek-Trinity River,Coal Iron Creek-Cottonwood Creek,Headwaters Bois d'Arc Creek,Bois d'Arc Creek-Trinity River,Cottonwood Creek-East Fork Trinity River,Pittman Creek-Spring Creek,Camp Creek-Lake Ray Hubbard,Rowlett Creek-Lake Ray Hubbard,Rush Creek-Lake Ray Hubbard,Duck Creek,Long Branch- Buffalo Creek,North Mesquite Creek-East Fork Trinity River,South Mesquite Creek,Mustang Creek-East Fork Trinity River,Anthony Branch- Buffalo Creek,White House Ridge-East Fork Trinity River,Lacy Fork-Cedar Creek Reservoir,Upper Big Brushy Creek,High Point Creek,Middle Big Brushy Creek,Lower Big Brushy Creek,Headwaters Kings Creek,Eagans Branch-Kings Creek,Little Brushy Creek-Kings Creek,Big Cottonwood Creek-Kings Creek,Headwaters Big Cottonwood Creek,Little Cottonwood Creek-Kings Creek,Town of Kemp-Cedar Creek Reservoir,Muddy Cedar Creek,Rocky Cedar Creek,Allen Creek-Cedar	Watershed Planning
031000517	Phase #2 of Stormwater Master Plan	Part of the City of Denton's Comprehensive Storm Water Master Plan. This study identifies potential flood risk and develops projects that will reduce flooding by improving the efficiency of the storm sewers.	03000009, 03000010, 03000031, 03000032	Denton	012030103	120301030804	Hickory Creek-Little Elm Reservoir	Watershed Planning
031000518	Copper Canyon Master Drainage Plan/Study	Evaluate City and identify future projects.	03000009, 03000010, 03000031, 03000032	Denton	012030103	120301030805	Lower Hickory Creek	Watershed Planning
031000519	Mill Creek Drainage Relief System - Upper-Middle Improvements	Proposed lateral improvements, tunnel alignments, and trunk improvements for overall drainage relief. Anticipated const. cost = \$35,509,837	03000013, 03000014, 03000031, 03000032	Dallas	12030102, 12030105	120301020101, 120301050108, 120301050106, 120301050105	Turtle Creek, White Rock Creek-White Rock Lake, City of Callas-White Rock Creek, Fivemile Creek-Trinity River	Project Planning
031000520	Village Creek Clubhouse Dr Improvements – Culverts	Study to assess the efficacy of alleviating overtopping of Clubhouse Dr by raising the roadway elevation and either improving culverts or replacing them with a 375' bridge.	03000013, 03000014	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Project Planning
031000521	Montclair No 2 & 3 Drainage Improvements (Alternative 2)	Study to mitigate proposed improvements include a new storm drainage system along La Jolla from previous study. Alternative 2 includes additional inlets on Intervale Drive, Mill River Drive, La Jolla Drive, and Birchwood Drive.	03000031, 03000032	Dallas	012030106	120301060501	Duck Creek	Project Planning
031000522	Terrell KC2 Watershed Drainage Improvements	Proposed drainage improvements throughout watershed including increased culvert crossings, upsized storm drains, and channel improvements to alleviate watershed flooding	03000013, 03000014, 03000031, 03000032	Kaufman	12030107	120301070105	Headwaters Kings Creek	Project Planning
031000523	DMP Phase 1: Anderson Street (Project 3)	Study to alleviate flooding on Anderson Street through the implementation of a detention basin, additional inlets, and an additional storm drain	03000031, 03000032	Ellis	12030109	120301090302	Upper Waxahachie Creek	Project Planning



FME ID	FME Name	FME Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight	Emergency Need	Estimated Study Cost (2020 \$)	RFPG Recommendation (Y/N)	Reason for Recommendation
031000516	Kaufman County Countywide Drainage Study - Phase 2	1117.90	Riverine	Kaufman County	Kaufman County	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000517	Phase #2 of Stormwater Master Plan	100.82	Riverine	Denton	Denton	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000518	Copper Canyon Master Drainage Plan/Study	4.55	Riverine	Copper Canyon	Copper Canyon	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000519	Mill Creek Drainage Relief System - Upper-Middle Improvements	18.16	Urban	Dallas	Dallas	N	\$ 500,000	Y	Action aligns with goals and meets TWDB guidance
031000520	Village Creek Clubhouse Dr Improvements – Culverts	0.60	Riverine	Burleson	Burleson	N	\$ 1,065,000	Y	Action aligns with goals and meets TWDB guidance
031000521	Montclair No 2 & 3 Drainage Improvements (Alternative 2)	0.10	Urban	Garland	Garland	N	\$ 250,000	Y	Action aligns with goals and meets TWDB guidance
031000522	Terrell KC2 Watershed Drainage Improvements	0.88	Riverine	Terrell	Terrell	N	\$ 4,794,000	Y	Action aligns with goals and meets TWDB guidance
031000523	DMP Phase 1: Anderson Street (Project 3)	0.04	Riverine	Waxahachie	Waxahachie	N	\$ 337,000	Y	Action aligns with goals and meets TWDB guidance

DRAFT Amended Plan TWDB-Required Table 16: Recommended Flood Mitigation Projects (New Recommended FMPs only)

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Project Area (sq mi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000037	Project 1 - Point North Parkway System	Prairie Creek; ≈450' channel improvements to lower HGL; proposed RCBC storm sewer main crossing Point N PKWY; new wingwalls; and added 100 LF inlet capacity to reduce sedimentation at Synergy Park Boulevard culverts and reduce flood depths at Point N PKWY	03000027, 03000028, 03000031, 03000032	Collin	12060106	120601060407	Prairie Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.03	Riverine, Urban	Richardson
033000038	Project 4 - Big Horn Lane/Canyon Creek Drive system	Prairie Creek; Replace existing storm sewer main between Big Horn Lane & Canyon Creek Drive with larger 36" & 48" storm sewer; added 70 LF inlet capacity to reduce the flooding along Big Horn Lane, Canyon Creek Drive & Canyon Creek Country Club property	03000013, 03000014, 03000031, 03000032	Collin	12060106	120601060407	Prairie Creek	Storm Drain Improvements	0.02	Urban	Richardson
033000039	Project 6 - Valley Forge Street System	Prairie Creek; Parallel culvert crossing KCS Railroad; concrete flume from cul-de-sac to alley parallel to KCS Railroad; replaces existing storm sewer main with 36" & 60" storm sewer; new wingwalls & added 50 LF inlet capacity to keep floodwater in ROW	03000027, 03000028, 03000031, 03000032	Collin, Dallas	12060106	120601060407	Prairie Creek	Storm Drain Improvements	0.02	Urban	Richardson
033000040	Project 8 - Lower Canyon Creek Drive System	Prairie Creek; Replaces the existing storm sewer with larger 24", 36" and 42" storm sewer along Lower Canyon Creek Drive; new 42" storm sewer; and additional 70 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	12060106	120601060407	Prairie Creek	Storm Drain Improvements	0.02	Urban	Richardson
033000041	Project 9 - Grandview Drive System	Prairie Creek; Replaces the existing storm sewer with larger storm sewer along Grandview Drive; new wingwalls; and additional 100 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	12060106	120601060407	Prairie Creek	Storm Drain Improvements	0.01	Urban	Richardson
033000042	Project 16 - Valley Glen drive System	Prairie Creek; Parallel storm sewer along the existing storm sewer alignment and extends the existing system further downstream; new storm sewer; and additional 230 LF inlet capacity to reduce the flooding along Valley Glen Drive and Pleasant Valley Lane	03000013, 03000014, 03000031, 03000032	Collin	12060106	120601060407	Prairie Creek	Storm Drain Improvements	0.01	Urban	Richardson
033000043	Project 19 – Pebblebrook Circle System	Prairie Creek; Replaces the existing storm sewer with larger 36" storm sewer near Pebblebrook Circle; new 30" storm sewer; and additional 30 LF inlet capacity to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	12060106	120601060407	Prairie Creek	Storm Drain Improvements	0.01	Urban	Richardson
033000044	Project 2 – Campbell Road System	Cottonwood Creek; Replaces the existing storm sewer main with a larger 30" storm sewer; includes the addition of a 36" and 42" parallel storm sewer; and additional 50 LF inlet capacity near Campbell Road to keep floodwaters within the road ROW	03000027, 03000028, 03000031, 03000032	Dallas	12060105	120601050104	Cottonwood Creek	Storm Drain Improvements	0.02	Urban	Richardson
033000045	Project 6 – Wisteria Way Circle at Timberlake Circle	Cottonwood Creek; Replace portion of storm sewer system with larger 30" RCP storm sewer & propose RCBC underground system connecting to stub out adjacent to Pinehurst Drive and Wisteria Way; & added 120 LF inlet capacity keeps floodwaters within road ROW	03000027, 03000028, 03000031, 03000032	Dallas	12060105	120601050104	Cottonwood Creek	Storm Drain Improvements	0.02	Urban	Richardson
033000062	Hickory Creek Flood Protection - Alternative 1	Hickory Creek Drainage Improvements project 2022 update based on input from the City of Balch Springs. Alternative 1 involves storm water detention pond facilities & the removal of Stein Road at river station 54955 on Hickory Creek was included	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000027, 03000028, 03000029, 03000030	Dallas	12030105	120301050204	Hickory Creek-Parsons Slough	Regional Detention	0.12	Urban	Balch Springs
033000063	Hickory Creek Flood Protection - Alternative 2	Hickory Creek Drainage Improvements project 2022 update has input from the City of Balch Springs. Alternative 2 involves channel modifications on Hickory Creek & detention, & the removal of Stein Road at river station 54955 on Hickory Creek was included	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000027, 03000028, 03000029, 03000030	Dallas	12030105	120301050204	Hickory Creek-Parsons Slough	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.13	Urban	Balch Springs
033000064	Hickory Creek Flood Protection - Alternative 3	Hickory Creek Drainage Improvements project 2022 update based on input from the City of Balch Springs. Alternative 3 involves levee protection with channel modifications & the removal of Stein Road at river station 54955 on Hickory Creek was included	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000027, 03000028, 03000029, 03000030	Dallas	12030105	120301050204	Hickory Creek-Parsons Slough	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.13	Urban	Balch Springs

DRAFT Amended Plan TWDB-Required Table 16: Recommended Flood Mitigation Projects (New Recommended FMPs only)

FMP ID	FMP Name	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources	Cost/ Structure Removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	BCR	Social Vulnerability Index (SVI)	RFPG Recommendation (Y/N)	Reason for Recommendation
033000037	Project 1 - Point North Parkway System	Richardson	N	\$ 965,000	State, Local	N/A	0%	N	N	N	0.00	0.39	Y	Action aligns with goals and meets TWDB guidance
033000038	Project 4 - Big Horn Lane/Canyon Creek Drive system	Richardson	N	\$ 622,000	State, Local	\$ 207,000	0%	N	N	N	0.00	0.39	Y	Action aligns with goals and meets TWDB guidance
033000039	Project 6 - Valley Forge Street System	Richardson	N	\$ 755,000	State, Local	\$ 151,000	0%	N	N	N	0.00	0.13	Y	Action aligns with goals and meets TWDB guidance
033000040	Project 8 - Lower Canyon Creek Drive System	Richardson	N	\$ 1,502,000	State, Local	\$ 167,000	0%	N	N	N	0.00	0.04	Y	Action aligns with goals and meets TWDB guidance
033000041	Project 9 - Grandview Drive System	Richardson	N	\$ 766,000	State, Local	\$ 153,000	0%	N	N	N	0.00	0.04	Y	Action aligns with goals and meets TWDB guidance
033000042	Project 16 - Valley Glen drive System	Richardson	N	\$ 1,513,000	State, Local	\$ 757,000	0%	N	N	N	0.00	0.03	Y	Action aligns with goals and meets TWDB guidance
033000043	Project 19 – Pebblebrook Circle System	Richardson	N	\$ 511,000	State, Local	\$ 511,000	0%	N	N	N	0.00	0.04	Y	Action aligns with goals and meets TWDB guidance
033000044	Project 2 – Campbell Road System	Richardson	N	\$ 1,349,000	State, Local	\$ 225,000	0%	N	N	N	0.00	0.34	Y	Action aligns with goals and meets TWDB guidance
033000045	Project 6 – Wisteria Way Circle at Timberlake Circle	Richardson	N	\$ 2,015,000	State, Local	\$ 202,000	0%	N	N	N	0.00	0.57	Y	Action aligns with goals and meets TWDB guidance
033000062	Hickory Creek Flood Protection - Alternative 1	Balch Springs	N	\$ 27,272,000	State, Local	\$ 880,000	15%	N	N	N	0.05	0.83	Y	Action aligns with goals and meets TWDB guidance
033000063	Hickory Creek Flood Protection - Alternative 2	Balch Springs	N	\$ 30,531,000	State, Local	\$ 1,018,000	10%	N	N	N	0.05	0.83	Y	Action aligns with goals and meets TWDB guidance
033000064	Hickory Creek Flood Protection - Alternative 3	Balch Springs	N	\$ 30,671,000	State, Local	\$ 626,000	52%	N	N	N	0.05	0.83	Y	Action aligns with goals and meets TWDB guidance

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Project Area (sq mi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000065	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Implement safety improvements including high-water warning flashers, staff gauges, flood hazard signs, and additional light fixtures at four crossings along Town Creek in Burleson: Tarrant Ave, Warren St, Johnson Ave, and Newton Dr.	03000003, 03000004	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Flood Early Warning Systems	0.40	Riverine	Burleson
033000067	Ansley Dr. Storm Sewer System Improvement	Replace 1400 LF concrete drainage channel with storm sewer, 6 storm sewer inlets to replace curb cuts drain into existing channel, upgrading existing junction box for storm sewer, & pavement above proposed storm sewer between Burton Hill Road & Oaks Lane	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	12030102	120301020105	Farmers Branch - West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.01	Urban	Westworth Village
033000068	Main A pump station and conveyance improvements	The proposed improvements include the rehabilitation and upsizing of Pump Station A, upsizing the North Travis Street Culverts to 5-8'x8' box culverts, and channel improvements along the Main A channel.	03000013, 03000014, 03000031, 03000032	Liberty	12030203	120302030301	Linney Creek-Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	1.14	Riverine	Liberty County Water Control Improvement District #5
033000069	Highland Ave. Drainage Improvements	Upsize Highland SD system from Sycamore St through W Marvin Ave to 10'x4' RCB & add 36" RCP at UPRR culvert. Acquire parcels along creek south of BNSF RR to detain 64,000 CY. Install drop inlet at Harding St. & W. Main St., & add 24" RCP along Highland	03000014, 03000018, 03000032	Ellis	12030109	120301090302	Upper Waxahachie Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.59	Riverine	Waxahachie
033000070	Fairgrounds Detention Option 3	Detention upstream of Denton Center Shopping Mall along North Pecan Creek	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000029, 03000030	Denton	12030103	120301030902	Pecan Creek - Lewisville Lake	Regional Detention	5.13	Urban	Denton
033000071	Design/Construction for Holland Lake Spillway	Upgrade dam to be able to pass the 25% PMF and meet TCEQ dam safety requirements. Add an emergency spillway through the right abutment of the dam along with raising the top of dam elevation.	03000013, 03000014, 03000031, 03000032, 03000033, 03000034	Parker	12030102	120301020206	Brogden Branch-Town Creek	Dam Improvements, Maintenance and Repair	0.29	Riverine	Weatherford
033000072	Elkins Lake Dam Rehabilitation	Modify dam to pass required 75% PMF and meet TCEQ criteria. Addition of two 60-in diameter culverts to the existing spillway and widening of vegetated approach channel. Raise the crest of the dam to 569.5 ft.	03000013, 03000014, 03000031, 03000032, 03000033, 03000034	Tarrant	12030102	120301020405	Rush Creek-Village Creek	Dam Improvements, Maintenance and Repair	0.24	Riverine	Dalworthington Gardens
033000073	Bonneville/Greenbrook Drainage Improvement	Proposed improvements include realignment of storm drain, upsizing of existing trunk lines, and addition of curb inlets through Greenbrook Dr and Huntwick. Includes construction of Downstream Channel Improvement Option 1 to offset negative impacts	03000013, 03000014, 03000031, 03000032	Tarrant	12030102	120301020405	Rush Creek - Village Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.05	Urban	Arlington
033000074	Lebow Flood Mitigation Project	Improve storm water conveyance while minimizing impact on existing residential structures, maintain a 'no-rise' condition in the existing 100-yr WSE. The project includes: Section 404 permit, phased implementation, and utility relocations.	03000013, 03000014, 03000015, 03000016, 03000027, 03000028, 03000029, 03000030	Tarrant	12030102	120301020501	Marine Creek-West Fork Trinity River	Regional Detention	0.44	Urban	Fort Worth
033000075	Village Creek [Dobson St (CR 714)] Safety Improvements	Implement safety improvements including automatic closure gates with flashers on the north and south side of the floodplain, flood hazard signs and staff gauges at CR 714 along Village Creek in Burleson.	03000003, 03000004	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Flood Early Warning Systems	0.33	Riverine	Burleson
033000077	White Settlement Rd. Storm Sewer System Improvements	Upgrade of 1940 LF of existing storm sewer, 5 existing junction boxes, and 2 headwalls from east of Burton Hill Road to west of Tanny Street. Construction of 5 new inlets and 5 curb inlet extensions.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	12030102	120301020105	Farmers Branch-West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.04	Urban	Westworth Village
033000078	Main B pump station, detention, and conveyance improvements	The proposed improvements include the rehabilitation and upsizing of Pump Station B, upsize the culverts at North Travis Street, Milam Street and Woods Drive, and construction of a detention basin upstream of Main Street.	03000013, 03000014, 03000031, 03000032	Liberty	12030203	120302030301	Linney Creek-Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.61	Riverine	Liberty County Water Control Improvement District #5
033000079	Cordell Detention Pond (Rayzor Elementary School Pond)	Detention pond located on the intersection of W Univesity Drive and Malone Street along Pecan near Rayzor Elementary School. Pond capacity will be approximately 90 acre-feet with a surface area of approximately 12 acres.	03000013, 03000014, 03000017, 03000018, 03000027, 03000028	Denton	12030103	120301030902	Elm Fork Trinity River-Little Elm Reservoir	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.02	Riverine	Denton
033000081	Town Creek Warren Park Extension	This alternative proposes voluntary acquisitions of structures at risk of flooding and extending the existing Warren Park. This extension would include a park with walking paths, exercise pads, and a dog park.	03000013, 03000014, 03000021, 03000022	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Property or easement acquisition	0.40	Riverine	Burleson

DRAFT Amended Plan TWDB-Required Table 16: Recommended Flood Mitigation Projects (New Recommended FMPs only)

FMP ID	FMP Name	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources	Cost/ Structure Removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	BCR	Social Vulnerability Index (SVI)	RFPG Recommendation (Y/N)	Reason for Recommendation
033000065	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	Burleson	N	\$ 367,000	State, Local	N/A	0%	N	N	N	0.00	0.21	Y	Action aligns with goals and meets TWDB guidance
033000067	Ansley Dr. Storm Sewer System Improvement	Westworth Village	N	\$ 4,225,000	State, Local	\$ 2,113,000	0%	N	N	N	0.10	0.22	Y	Action aligns with goals and meets TWDB guidance
033000068	Main A pump station and conveyance improvements	Liberty County Water Control Improvement District #5	N	\$ 7,639,000	State, Local	\$ 46,000	0%	N	N	N	3.95	0.69	Y	Action aligns with goals and meets TWDB guidance
033000069	Highland Ave. Drainage Improvements	Waxahachie	N	\$ 9,365,000	State, Local	\$ 468,000	0%	N	N	N	2.12	0.61	Y	Action aligns with goals and meets TWDB guidance
033000070	Fairgrounds Detention Option 3	Denton	N	\$ 24,234,000	State, Local	\$ 213,000	0%	N	N	N	0.30	0.56	Y	Action aligns with goals and meets TWDB guidance
033000071	Design/Construction for Holland Lake Spillway	Weatherford	N	\$ 3,860,000	State, Local	\$ 3,860,000	0%	N	N	N	0.10	0.51	Y	Action aligns with goals and meets TWDB guidance
033000072	Elkins Lake Dam Rehabilitation	Dalworthington Gardens	N	\$ 1,705,000	State, Local	N/A	0%	N	N	N	0.10	0.12	Y	Action aligns with goals and meets TWDB guidance
033000073	Bonneville/Greenbrook Drainage Improvement	Arlington	N	\$ 4,939,000	State, Local	\$ 412,000	0%	Y	Y	N	0.10	0.16	Y	Action aligns with goals and meets TWDB guidance
033000074	Lebow Flood Mitigation Project	Fort Worth	N	\$ 84,725,000	State, Local	\$ 306,000	50%	N	N	N	1.50	0.77	Y	Action aligns with goals and meets TWDB guidance
033000075	Village Creek [Dobson St (CR 714)] Safety Improvements	Burleson	N	\$ 273,000	State, Local	N/A	0%	N	N	N	0.00	0.16	Y	Action aligns with goals and meets TWDB guidance
033000077	White Settlement Rd. Storm Sewer System Improvements	Westworth Village	N	\$ 1,904,000	State, Local	\$ 146,000	0%	N	N	N	0.10	0.22	Y	Action aligns with goals and meets TWDB guidance
033000078	Main B pump station, detention, and conveyance improvements	Liberty County Water Control Improvement District #5	N	\$ 14,433,000	State, Local	\$ 4,811,000	0%	N	N	N	1.83	0.68	Y	Action aligns with goals and meets TWDB guidance
033000079	Cordell Detention Pond (Rayzor Elementary School Pond)	Denton	N	\$ 15,497,000	State, Local	\$ 369,000	10%	N	N	N	0.10	0.44	Y	Action aligns with goals and meets TWDB guidance
033000081	Town Creek Warren Park Extension	Burleson	N	\$ 10,346,000	State, Local	\$ 370,000	0%	N	N	N	0.30	0.21	Y	Action aligns with goals and meets TWDB guidance



DRAFT Amended Plan TWDB-Required Table 16: Recommended Flood Mitigation Projects (New Recommended FMPs only)

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Project Area (sq mi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000082	Project 18 - Waterview Dr. Re-Route	The project consists of replacing RCP with larger diameter RCP, constructing new RCB, constructing additional curb inlets, and new junction boxes with manholes.	03000013, 03000014, 03000015, 03000016, 03000029, 03000030, 03000031, 03000032	Dallas	12030105	120301050104	Floyd Branch - White Rock Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.29	Urban	Richardson
033000083	Pumphrey Dr. Storm Sewer System Improvements	Upgrade of 280 LF of existing sewer, 2 existing inlets, and 1 headwall	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000029, 03000030, 03000031, 03000032	Tarrant	12030102	120301020105	Farmers Branch-West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.01	Urban	Westworth Village
033000084	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	The proposed improvements include channel widening to a 5' bottom width and a trapezoidal shape with 4:1 side slopes. The primary crossing of Redmond Creek will be upsized to 4-8'x7' RCB and a crossing to the west will be upsized to a 2-3'x2' RCB.	03000013, 03000014, 03000031, 03000032	Liberty	12030203	120302030204, 120302030303	Turtle Bayou, Redmond Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	1.48	Riverine	Liberty County Water Control Improvement District #5
033000085	Harvest Hills Channel and Drainage Improvements	Option 2 (Briar Meadow Diversion) DS channel improvements gives a 100-year LOS to protect structures, uses larger pipes, channel widening for conveyance, 6 buyouts, positive overflow & separate outfalls of existing dual 48" RCPs. Total cost \$12,656,000.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Tarrant	12030102	120301020606, 120301020607	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.10	Urban	Arlington
033000086	Project 8A - Cheyenne Dr	Project 8a replaces existing storm sewer mains with larger storm sewers and increases the number of curb to gutter inlets to reduce flooding.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Dallas	12030105	120301050104	Floyd Branch-White Rock Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.02	Urban	Richardson
033000087	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	Property acquisition of approximately twenty four (24) structures along Arkansas Lane and Pioneer Parkway. No channel improvements planned.	03000013, 03000014	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Property or Easement Acquisition	0.00	Riverine	Arlington
033000088	Project 13 - Mimosa & Melrose Dr	Project 13 proposes upsizing existing storm sewer mains and laterals, adding parallel storm sewers, and adding additional curb to gutter inlets to eliminate the 140 cfs of uncollected flow going to the east, alleviating ponding at the intersection.	03000013, 03000014, 03000015, 03000016, 03000029, 03000030, 03000031, 03000032	Dallas	12030105	120301050104	Floyd Branch - White Rock Creek	Storm Drain Improvements	0.09	Urban	Richardson
033000089	Arlington Johnson Creek - Collins Street and Division Street Buyout	Property acquisition of approximately one hundred twenty four (124) structures along Collins Street and Division Street. No channel improvements planned.	03000013, 03000014	Tarrant	12030102	120301020702	Mountain Creek-West Fork Trinity River	Property or Easement Acquisition	1.15	Riverine	Arlington
033000090	Town Creek Railroad and S. Warren Street Improvements	This FMP includes improving the capacity of the crossing by adding a third 12' x 10' barrel to the RCB. This solution also includes raising S Warren St by 2.5' and increasing the capacity of the crossing.	03000013, 03000014, 03000031, 03000032	Johnson	12030102	120301020401	Quil Miller Creek-Village Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.40	Riverine	Burleson
033000091	Saturn Springs Estates Drainage Improvements	Creek improvements such as gabions and walls to protect utilities, structures, and high-velocity areas from erosion and storm drain improvements such as upsized lines, additional laterals, regraded alleyways, and new curb and gutter along several roads.	03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Dallas	12030106	120301060501	Duck Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.15	Urban	Garland
033000092	Terrell KC1 Watershed Drainage Improvements	Implement and upsize storm drain on Brin St, College St, Rochester St, & Gardner St. Add additional drainage crossing at SH 34. Place inlets at every intersection to capture additional runoff. Upsize railroad crossing and improve adjacent channel.	03000014, 03000026	Kaufman	12030107	120301070105	Headwaters Kings Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.82	Riverine	Terrell
033000094	Lois Branch Main Channel Improvements	Alternative proposes channel geometry modifications for 3,900 LF, drop structures, culvert crossing resizing, and raising one roadway by 1.0 feet.	03000013, 03000014, 03000017, 03000018	Dallas	12030105	120301050104	Headwaters Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.08	Urban	Richardson
033000095	DMP Phase 1: Kirven Avenue (Project 1)	Supplement existing storm drain system with additional parallel system near the intersection of Almond St and Sycamore St that extends downstream along Harbin Ave to the existing Marvin Ave outfall. Upsize Marvin Ave to 8' x 7' RCB outfall.	03000013, 03000014, 03000031, 03000032	Ellis	12030109	120301090302	Upper Waxahachie Creek	Storm Drain Improvements	0.10	Riverine	Waxahachie
033000096	Estates Drive Bridge Replacement	Replace Estates Drive Bridge over Poindexter Creek	03000013, 03000014, 03000015, 03000016, 03000017, 03000018, 03000031, 03000032	Denton	12030103	120301030805	Hickory Creek-Little Elm Reservoir	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.65	Urban	Copper Canyon



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FMP ID	FMP Name	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources	Cost/ Structure Removed	Percent Nature-based Solution (by cost)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	BCR	Social Vulnerability Index (SVI)	RFPG Recommendation (Y/N)	Reason for Recommendation
033000082	Project 18 - Waterview Dr. Re-Route	Richardson	N	\$ 11,500,000	State, Local	\$ 348,000	0%	N	N	N	0.00	0.72	Y	Action aligns with goals and meets TWDB guidance
033000083	Pumphrey Dr. Storm Sewer System Improvements	Westworth Village	N	\$ 221,000	State, Local	\$ 111,000	0%	N	N	N	0.00	0.22	Y	Action aligns with goals and meets TWDB guidance
033000084	Channel and Crossing Improvements on Redmond Creek south of the City of Ames	Liberty County Water Control Improvement District #5	N	\$ 1,255,000	State, Local	N/A	0%	N	N	N	2.31	0.66	Y	Action aligns with goals and meets TWDB guidance
033000085	Harvest Hills Channel and Drainage Improvements	Arlington	N	\$ 15,063,000	State, Local	\$ 342,000	0%	N	N	N	0.17	0.63	Y	Action aligns with goals and meets TWDB guidance
033000086	Project 8A - Cheyenne Dr	Richardson	N	\$ 792,000	State, Local	\$ 113,000	0%	N	N	N	0.10	0.03	Y	Action aligns with goals and meets TWDB guidance
033000087	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	Arlington	N	\$ 7,675,000	State, Local	\$ 320,000	0%	N	N	N	0.10	0.78	Y	Action aligns with goals and meets TWDB guidance
033000088	Project 13 - Mimosa & Melrose Dr	Richardson	N	\$ 2,646,000	State, Local	N/A	0%	N	N	N	0.00	0.03	Y	Action aligns with goals and meets TWDB guidance
033000089	Arlington Johnson Creek - Collins Street and Division Street Buyout	Arlington	N	\$ 30,258,000	State, Local	\$ 254,000	0%	N	N	N	0.00	0.67	Y	Action aligns with goals and meets TWDB guidance
033000090	Town Creek Railroad and S. Warren Street Improvements	Burleson	N	\$ 2,441,000	State, Local	N/A	0%	N	N	N	0.20	0.21	Y	Action aligns with goals and meets TWDB guidance
033000091	Saturn Springs Estates Drainage Improvements	Garland	N	\$ 10,696,000	State, Local	\$ 1,783,000	0%	N	N	N	0.10	0.68	Y	Action aligns with goals and meets TWDB guidance
033000092	Terrell KC1 Watershed Drainage Improvements	Terrell	N	\$ 27,350,000	State, Local	\$ 448,000	0%	N	N	N	0.00	0.80	Y	Action aligns with goals and meets TWDB guidance
033000094	Lois Branch Main Channel Improvements	Richardson	N	\$ 2,737,000	State, Local	\$ 1,369,000	0%	N	N	N	0.00	0.38	Y	Action aligns with goals and meets TWDB guidance
033000095	DMP Phase 1: Kirven Avenue (Project 1)	Waxahachie	N	\$ 11,048,000	State, Local	\$ 789,000	0%	N	N	N	0.00	0.40	Y	Action aligns with goals and meets TWDB guidance
033000096	Estates Drive Bridge Replacement	Copper Canyon	N	\$ 1,410,000	State, Local	\$ 353,000	0%	N	N	N	0.10	0.42	Y	Action aligns with goals and meets TWDB guidance

DRAFT Amended Plan TWDB-Required Table 16: Recommended Flood Mitigation Projects (New Recommended FMPs only)

FMP ID	FMP Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Project Type	Project Area (sq mi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor
033000097	PEC-4 Phases 3&4	Install 3,200 linear ft of 10'x8', 12'x8', and 16'x8' underground box culvert from the intersection with Phase 2 at Prairie following the PEC 4 Tributary and then traveling down Mulberry to Bernard. Box culvert will contain the 100-yr floodplain.	03000007, 03000008, 03000013, 03000014, 03000017, 03000018, 03000031, 03000032	Denton	12030103	120301030902, 120301030803, 120301030804	Upper Hickory Creek, Middle Hickory Creek, Pecan Creek-Lewisville Lake	Storm Drain Improvements	0.55	Riverine	Denton
033000098	Kingstree Rd Drainage Improvements	Proposed bridge installation over creek crossing on Kingstree Road to reduce roadway overtopping during storm events. Includes creek channel grading improvements.	03000013, 03000014, 03000031, 03000032	Kaufman	12030107	120301070109, 120301070106, 120301070110, 120301070205	Eagans Branch-Kings Creek, Headwaters Big Cottonwood Creek, Little Cottonwood Creek-Kings Creek, Williams Creek-Cedar Creek	Low Water Crossing or Bridge Improvement	4.53	Riverine	Kaufman County
033000100	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	Proposed improvements include upsizing RBCB, replacing existing concrete-lined trapezoidal channel with 20' wide, 7' deep rectangular channel, and transitions downstream of Bowman Springs Road crossing and upstream of Crossgate Court crossing.	03000013, 03000014	Tarrant	12030102	120301020404	Wildcat Branch - Lake Arlington	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.10	Riverine	Arlington
033000101	Channel improvement on Brockbank Channel Basin north of SH 183	Proposed improvements to the upstream closed storm drain network and the downstream open channel. There are two phases for the storm drain network: trunk line and lateral improvements.	03000013, 03000014, 03000031, 03000032	Dallas	12030102	120301020706	Delaware Creek-West Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.11	Riverine	Irving
033000107	Plantation Ridge Channel Improvements	Proposed 40' natural channel connecting Prairie Meadow and Helms Trail. Also includes significant improvements to culverts and new drainage ditches to protect residential lots from offsite flooding.	03000013, 03000014, 03000031, 03000032	Kaufman	12030106	120301060506, 120301070103	Anthony Branch-Buffalo Creek, Middle Big Brushy Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.74	Riverine	Kaufman County
033000108	CR-243 Drainage Improvements	Proposed culvert upgrades and roadside drainage ditch improvements to reduce roadway overtopping along County Road 243.	03000013, 03000014, 03000031, 03000032	Kaufman	12030107	120301070102, 120301070103, 120301070105	High Point Creek, Middle Big Brushy Creek, Headwaters Kings Creek	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	3.51	Riverine	Kaufman County
033000109	Valley View/Ravenhill-Devonshire Drainage Improvements	Proposed culvert upgrades and grading improvements to reduce roadway overtopping along Valley View Road and Ranch Road near Ravenhill Road intersection.	03000013, 03000014, 03000031, 03000032	Kaufman	12030106	120301060502, 120301060505	Long Branch-Buffalo Creek, Mustang Creek-East Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	1.23	Riverine	Kaufman County
033000110	CR-4116 Drainage Improvements	Proposed upgrades to roadway drainage ditches and culverts along CR4116 to reduce structural inundation on both sides of the road. Includes additional collection channels to direct flow around existing structures.	03000013, 03000014, 03000031, 03000032	Kaufman	12030105	120301050401	Headwaters Old Channel East Fork Trinity River	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	0.52	Riverine	Kaufman County

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033000097	PEC-4 Phases 3&4	Denton	N	\$ 15,973,000	State, Local	\$ 197,000	0%	N	N	N	0.10	0.47	Y	Action aligns with goals and meets TWDB guidance
033000098	Kingstree Rd Drainage Improvements	Kaufman County	N	\$ 3,319,000	State, Local	N/A	0%	N	N	N	0.40	0.46	Y	Action aligns with goals and meets TWDB guidance
033000100	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	Arlington	N	\$ 4,504,000	State, Local	\$ 346,000	0%	N	N	N	0.00	0.15	Y	Action aligns with goals and meets TWDB guidance
033000101	Channel improvement on Brockbank Channel Basin north of SH 183	Irving	N	\$ 15,197,000	State, Local	\$ 390,000	0%	N	N	N	0.10	0.55	Y	Action aligns with goals and meets TWDB guidance
033000107	Plantation Ridge Channel Improvements	Kaufman County	N	\$ 7,966,000	State, Local	\$ 1,992,000	0%	N	N	N	1.30	0.21	Y	Action aligns with goals and meets TWDB guidance
033000108	CR-243 Drainage Improvements	Kaufman County	N	\$ 4,767,000	State, Local	N/A	0%	N	N	N	0.60	0.43	Y	Action aligns with goals and meets TWDB guidance
033000109	Valley View/Ravenhill-Devonshire Drainage Improvements	Kaufman County	N	\$ 6,691,000	State, Local	N/A	0%	N	N	N	0.60	0.22	Y	Action aligns with goals and meets TWDB guidance
033000110	CR-4116 Drainage Improvements	Kaufman County	N	\$ 8,019,000	State, Local	N/A	0%	N	N	N	0.10	0.34	Y	Action aligns with goals and meets TWDB guidance

FMS ID	FMS Name	Description	Associated Goals (ID)	Counties	HUC8s	HUC12s	Watershed Name	Strategy Type	Strategy Project Area (sqmi)	Flood Risk Type (Riverine, Coastal, Urban, Playa, Other)	Sponsor	Entities with Oversight
032000146	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	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.		Anderson, Archer, Chambers, Clay, Collin, Cooke, Dallas, Denton, Ellis, Fannin, Freestone, Grayson, Grimes, Hardin, Henderson, Hill, Hood, Houston, Hunt, Jack, Johnson, Kaufman, Leon, Liberty, Limestone, Madison, Montague, Navarro, Parker, Polk, Rockwall, San Jacinto, Tarrant	12030101, 12030102, 12030103, 12030104, 12030105, 12030106, 12030107, 12030108, 12030109, 12030201, 12030202, 12030203	120301010101, 120301010102, 120301010103, 120301010104, 120301010105, 120301010106, 120301010107, 120301010201, 120301010202, 120301010203, 120301010204, 120301010205, 120301010206, 120301010207, 120301010208, 120301010301, 120301010302, 120301010303, 120301010304, 120301010401, 120301010402, 120301010403, 120301010404, 120301010405, 120301010406, 120301010407	Cameron Creek-West Fork Trinity River, Big Cleveland Creek-West Fork Trinity River, Lost Creek-West Fork Trinity River, Lake Bridgeport-West Fork Trinity River, Big Sandy Creek, West Fork Trinity River-Eagle Mountain Lake, Lake Worth-West Fork Trinity River, Upper Clear Fork Trinity River, Lower Clear Fork Trinity River, Village Creek, Big Fossil Creek-West Fork Trinity River, Mountain Creek-Mountain Creek Lake, Mountain Creek-West Fork Trinity River, Headwaters Elm Fork Trinity River, Buck Creek-Isle du Bois Creek, Isle du Bois Creek-Elm Fork Trinity River, Spring Creek-Elm Fork Trinity River, Blocker Creek-Clear Creek, Duck Creek-Clear Creek, Little Elm Creek-Little Elm Reservoir, Hickory Creek-Little Elm Reservoir, Elm Fork Trinity River-Little Elm Reservoir, Timber Creek-Elm Fork Trinity River, Upper Denton Creek, Middle Denton Creek, Lower Denton Creek, Headwaters Trinity River, Tenmile	Other	17,914.00	Riverine	The Nature Conservancy (TNC)	The Nature Conservancy (TNC)
032000147	Balch Springs Buyout	Buyout of six (6) flood-prone properties selected on proximity to creek, flood depths, and frequency of flooding	03000013, 03000014	Dallas	12030105	120301050204, 120301050205	Tenmile Creek-Trinity River	Property Acquisition and Structural Elevation	0.13	Riverine	Balch Springs	Balch Springs

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FMS ID	FMS Name	Emergency Need (Y/N)	Estimated Project Cost (\$)	Potential Funding Sources and Amount	Cost/ Structure Removed	Consideration of Nature-based Solution (Y/N)	Negative Impact (Y/N)	Negative Impact Mitigation (Y/N)	Water Supply Benefit (Y/N)	RFPG Recommendation (Y/N)	Reason for Recommendation
032000146	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	N	\$1,964,000		N/A	Y	N	N	N	Y	Action aligns with goals and meets TWDB guidance
032000147	Balch Springs Buyout	N	\$1,045,000		N/A	N	N	N	N	Y	Action aligns with goals and meets TWDB guidance

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RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding		Other Funding Needed (Including state, federal and/or other funding)	TOTAL
						Non-construction Costs	Construction Related Costs	Total Estimated Cost	ANTICIPATED SOURCE OF SPONSOR FUNDING (e.g., taxes; general revenue dedicated revenue incl. fees)2	FUNDING TO BE FINANCED BY SPONSOR (Including local, county, or regional mechanisms available but not yet fully utilized)		
03	Addison	FMS	Addison-Carrollton Debris Cleaning Program	032000045	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Alma	FMS	City of Alma NFIP Floodplain Ordinance	032000104	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Alvord	FMS	City of Alvord NFIP Floodplain Ordinance	032000105	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	<b>Anderson County</b>	<b>FME</b>	<b>Anderson County FEMA Mapping</b>	<b>031000002</b>	<b>2034</b>	<b>\$1,500,000</b>	<b>\$0</b>	<b>\$1,500,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Anderson County</b>	<b>FME</b>	<b>Anderson County DMP</b>	<b>031000078</b>	<b>2034</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$500,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Anderson County</b>	<b>FMS</b>	<b>Anderson County Structure Permitting Requirement Update</b>	<b>032000020</b>	<b>2034</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Anderson County</b>	<b>FMS</b>	<b>Anderson County Floodplain Acquisition and Preservation Program</b>	<b>032000059</b>	<b>2034</b>	<b>\$0</b>	<b>\$5,000,000</b>	<b>\$5,000,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Anderson County</b>	<b>FMS</b>	<b>Anderson County Flood Education Program</b>	<b>032000075</b>	<b>2034</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	Angus	FMS	City of Angus NFIP Floodplain Ordinance	032000106	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Archer County	FME	Archer County FEMA Mapping	031000001	2034	\$1,254,000	\$0	\$1,254,000	TBD	10%	90%	100%
03	Argyle	FME	City of Argyle DMP	031000056	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Bowman Branch - Mansfield Webb Road Main Stem Crossing Improvements	031000386	2034	\$185,000	\$0	\$185,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Bowman Branch - Spring Miller Court Crossing Improvements	031000387	2034	\$162,000	\$0	\$162,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Cottonwood Creek at Park Row Buyout	031000388	2034	\$88,000	\$0	\$88,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington North Fish Creek Detention between Allen Avenue & SH 360	031000389	2034	\$205,000	\$0	\$205,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Mayfield Road Channel & Culvert Improvements at Tributary NF-1	031000390	2034	\$154,000	\$0	\$154,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Cottonwood Creek at Sherry Street Crossing Improvements	031000391	2034	\$231,000	\$0	\$231,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Johnson Creek - JC-2 at Pioneer Parkway and Center Street Buyout	031000392	2034	\$231,000	\$0	\$231,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Johnson Creek Storm Drain Upgrades on JC-9	031000393	2034	\$1,500,000	\$0	\$1,500,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Johnson Creek - JC-9 Channel Rehabilitation from Cooper to Sanford	031000394	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Johnson Creek - JC-9 at Collins Street Culvert Improvements	031000395	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Johnson Creek - JC-10 Buyouts	031000396	2034	\$2,126,000	\$0	\$2,126,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Johnson Creek - JC-12 Buyouts	031000397	2034	\$1,599,000	\$0	\$1,599,000	TBD	10%	90%	100%



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03	Arlington	FME	Arlington Rush Creek - Warehouse Buyout and Floodplain Restoration	031000398	2034	\$8,107,000	\$0	\$8,107,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Upper Village VC(A)-4 at Orchard Hill Drive Crossing Improvements	031000399	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Upper Village VC(A)-6 at Shorewood Drive Crossing Improvements	031000400	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Rush Creek - RC1 Railroad Culvert and RC1A Channel Improvements	031000424	2034	\$600,000	\$0	\$600,000	TBD	10%	90%	100%
03	Arlington	FME	Arlington Johnson Creek - Pioneer Parkway and Collins Street Buyout at Johnson Creek	031000466	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Arlington	FMP	Bonneville/Greenbrook Drainage Improvement	033000073	2034	\$0	\$4,939,000	\$4,939,000	TBD	10%	90%	100%
03	Arlington	FMP	Harvest Hills Channel and Drainage Improvements	033000085	2034	\$0	\$15,063,000	\$15,063,000	TBD	10%	90%	100%
03	Arlington	FMP	Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	2034	\$0	\$7,675,000	\$7,675,000	TBD	10%	90%	100%
03	Arlington	FMP	Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	2034	\$0	\$30,258,000	\$30,258,000	TBD	10%	90%	100%
03	Arlington	FMP	Arlington Upper Village VC(A)-5 Channel and Culvert Improvements	033000100	2034	\$0	\$4,504,000	\$4,504,000	TBD	10%	90%	100%
03	Arlington	FMP	Arlington VC(A)-1 Drainage and Erosion Improvements	033000016	2034	\$0	\$2,601,000	\$2,601,000	TBD	10%	90%	100%
03	Athens	FME	City of Athens DMP	031000070	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Aubrey	FME	City of Aubrey DMP	031000055	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Balch Springs	FMS	Balch Springs Buyout	032000147	2034	\$1,045,000	\$0	\$1,045,000	TBD	10%	90%	100%
03	Balch Springs	FMP	Hickory Creek Flood Protection - Alternative 1	033000062	2034	\$0	\$27,272,000	\$27,272,000	TBD	10%	90%	100%
03	Balch Springs	FMP	Hickory Creek Flood Protection - Alternative 2	033000063	2034	\$0	\$30,531,000	\$30,531,000	TBD	10%	90%	100%
03	Balch Springs	FMP	Hickory Creek Flood Protection - Alternative 3	033000064	2034	\$0	\$30,671,000	\$30,671,000	TBD	10%	90%	100%
03	Bedford	FME	Tributary SB-1: Circle Lane Culvert Improvements	031000265	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Bedford	FME	Sulphur Branch: Circle Lane Culvert Improvements	031000270	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Bedias	FMS	City of Bedias NFIP Floodplain Ordinance	032000107	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Bridgeport	FME	Turkey Creek Trail Bridge	031000171	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Bridgeport	FME	Turkey Creek Trail Rebuild	031000172	2034	\$63,000	\$0	\$63,000	TBD	10%	90%	100%

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03	Bridgeport	FME	West Bridgeport Creek Channelization and Drainage Project	031000173	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Burleson	FME	Willow Creek Wilshire Blvd (SH 174) Improvements	031000362	2034	\$289,000	\$0	\$289,000	TBD	10%	90%	100%
03	Burleson	FME	Village Creek CR 802 (east) Improvements	031000367	2034	\$569,000	\$0	\$569,000	TBD	10%	90%	100%
03	Burleson	FME	Village Creek CR 802 (west) Improvements	031000370	2034	\$1,225,000	\$0	\$1,225,000	TBD	10%	90%	100%
03	Burleson	FME	Shannon Creek - Culvert to Main Stem Shannon Creek	031000372	2034	\$146,000	\$0	\$146,000	TBD	10%	90%	100%
03	Burleson	FME	Hulen Street/Railroad Conceptual Bridge Span Layout	031000401	2034	\$2,956,000	\$0	\$2,956,000	TBD	10%	90%	100%
03	Burleson	FME	Village Creek Clubhouse Dr Improvements – Culverts	031000520	2034	\$1,065,000	\$0	\$1,065,000	TBD	10%	90%	100%
03	Burleson	FMP	Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	2034	\$0	\$367,000	\$367,000	TBD	10%	90%	100%
03	Burleson	FMP	Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	2034	\$0	\$273,000	\$273,000	TBD	10%	90%	100%
03	Burleson	FMP	Town Creek Warren Park Extension	033000081	2034	\$0	\$10,346,000	\$10,346,000	TBD	10%	90%	100%
03	Burleson	FMP	Town Creek Railroad and S. Warren Street Improvements	033000090	2034	\$0	\$2,441,000	\$2,441,000	TBD	10%	90%	100%
03	Burleson	FME	Rock Creek Watershed Study	031000290	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Burleson	FME	Walnut Creek Watershed Study	031000291	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Burleson	FME	North Creek Watershed Study	031000292	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Burleson	FME	Quil Miller Creek Watershed Study	031000293	2034	\$265,000	\$0	\$265,000	TBD	10%	90%	100%
03	Burleson	FME	Hurst Creek Watershed Study	031000294	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Burleson	FMS	Town Creek Warren Park Extension (Property Acquisition Program)	032000073	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Burleson	FMS	City of Burleson Flood Warning and Safety Improvements	032000139	2034	\$0	\$500,000	\$500,000	TBD	10%	90%	100%
03	Bynum	FMS	City of Bynum NFIP Floodplain Ordinance	032000108	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Caney City	FMS	Caney City Floodproofing Ordinances	032000025	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Carl's Corner	FMS	Carl's Corner NFIP Floodplain Ordinance	032000109	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Carrollton	FME	Carrollton Flood Warning Barrier System Study	031000137	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Carrollton	FME	Carrollton Drainage Upgrades	031000141	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Carrollton	FMS	Carrollton Targeted Flood Remediation	032000035	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Carrollton	FMS	Addison-Carrollton Debris Cleaning Program	032000045	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Cedar Hill	FME	Cedar Hill-DeSoto-Duncanville DMP	031000069	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%

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03	Cedar Hill	FMS	Acquire and Protect Red Oak Creek, Bentle Branch Creek, and Balcones Escarpment	032000051	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Chambers County	FME	Chambers County FEMA Mapping	031000003	2034	\$874,000	\$0	\$874,000	Other	75%	25%	100%
03	Chambers County	FME	Chambers County Dam/Levee Failure Inundation Map Updates	031000039	2034	\$462,000	\$0	\$462,000	TBD	10%	90%	100%
03	Chambers County	FME	Mc Adams Ditch Feasibility Study	031000120	2034	\$500,000	\$0	\$500,000	Other	75%	25%	100%
03	Chambers County	FME	Rhonda Rosa Lane Bridge	031000121	2034	\$500,000	\$0	\$500,000	General Revenue	10%	90%	100%
03	Chambers County	FME	Hackberry Gully and Cotton Bayou Shelving Study	031000122	2034	\$1,250,000	\$0	\$1,250,000	Other	10%	90%	100%
03	Chambers County	FME	Whites Bayou/Spring Branch Flood Study	031000283	2034	\$458,000	\$0	\$458,000	Other	75%	25%	100%
03	Chambers County	FME	Tri-City Gully Improvements Study	031000471	2034	\$100,000	\$0	\$100,000	Other	75%	25%	100%
03	Chambers County	FME	Skylane Gully Improvements Study	031000472	2034	\$150,000	\$0	\$150,000	Other	75%	25%	100%
03	Chambers County	FME	Point Barrow Gully Improvements Study	031000473	2034	\$100,000	\$0	\$100,000	Other	75%	25%	100%
03	Chambers County	FME	Cedar Gully Improvements Study	031000474	2034	\$150,000	\$0	\$150,000	Other	75%	25%	100%
03	Chambers County	FME	Hackberry Gully Improvements Study	031000475	2034	\$150,000	\$0	\$150,000	Other	75%	25%	100%
03	Chambers County	FME	Spring Creek Gully Improvements Study	031000476	2034	\$100,000	\$0	\$100,000	Other	75%	25%	100%
03	Chambers County	FME	Cotton Bayou Improvements Study	031000477	2034	\$150,000	\$0	\$150,000	Other	75%	25%	100%
03	Chico	FME	North Weatherford St and Oakwood St Structure Improvements	031000174	2034	\$200,000	\$0	\$200,000	TBD	10%	90%	100%
03	Chico	FMS	City of Chico Property Acquisition Program	032000072	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Chico	FMS	City of Chico NFIP Education Program	032000096	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Clay County	FME	Clay County FEMA Mapping	031000004	2034	\$1,470,000	\$0	\$1,470,000	TBD	10%	90%	100%
03	Cockrell Hill	FME	City of Cockrell Hill DMP	031000054	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Colleyville	FME	City of Colleyville DMP	031000063	2034	\$500,000	\$0	\$500,000	General Revenue	90%	10%	100%
03	Colleyville	FMS	Colleyville Flood Warning System	032000014	2034	\$0	\$250,000	\$250,000	General Revenue	90%	10%	100%
03	Collin County	FME	Collin County FEMA Mapping	031000005	2034	\$1,041,000	\$0	\$1,041,000	TBD	10%	90%	100%
03	Collin County	FME	Collin County Dam Inundation Study	031000038	2034	\$855,000	\$0	\$855,000	TBD	10%	90%	100%
03	Collin County	FME	Collin County Retention Structures Rehabilitation Project	031000123	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Collin County	FME	Collin County flooding hazard/vulnerability assessment	031000274	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Collin County	FMS	Collin County Property and Structures Buyout Program	032000060	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Collin County Soil and Water Conservation District	FME	Collin County SWCD Watershed-wide Dam Evaluations	031000459	2034	\$858,000	\$0	\$858,000	Other	0%	100%	100%
03	Combine	FMS	City of Combine NFIP Floodplain Ordinance	032000110	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Cooke County	FME	Cooke County FEMA Mapping	031000006	2034	\$1,133,000	\$0	\$1,133,000	TBD	10%	90%	100%
03	Cooke County	FME	Cooke County DMP	031000079	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Cooke County	FME	Cooke County Low-Water Crossing Barriers Evaluation	031000125	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%

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03	Cooke County	FMS	Cooke County Acquisition of Repetitive Loss and Damaged Properties	032000061	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Cooke County	FMS	Cooke County Flood Education and Flood Insurance Public Awareness Program	032000077	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Coppell	FME	Hunterwood Stream Stabilization Project	031000136	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Copper Canyon	FME	Copper Canyon Poindexter Branch Flood Mitigation Plan	031000097	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Copper Canyon	FME	Regional Detention Study on Poindexter Creek	031000454	2034	\$1,337,438	\$0	\$1,337,438	TBD	5%	95%	100%
03	Copper Canyon	FME	Copper Canyon Master Drainage Plan/Study	031000518	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Copper Canyon	FMP	Estates Drive Bridge Replacement	033000096	2034	\$0	\$1,410,000	\$1,410,000	Bonds/Other Financing	100%	0%	100%
03	Corinth	FME	City of Corinth DMP	031000076	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Corinth	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Corsicana	FMS	Navarro County Waterways Clearing	032000046	2034	\$75,000	\$0	\$75,000	TBD	10%	90%	100%
03	Coyote Flats	FMS	Cayote Flats NFIP Floodplain Ordinance	032000111	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Crockett	FME	City of Crockett DMP	031000074	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Alta Mesa Branch at Persimmon Road	031000296	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Alta Mesa Branch at Simpson Stuart Road	031000297	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Alta Mesa Branch at Tracy Road	031000298	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Ricketts Branch at Camp Wisdom Road	031000299	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Ricketts Branch at IH 35E Service	031000300	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Runyon Springs Branch at Crouch Road	031000301	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Whites Branch at Langdon Road	031000302	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Wilson Branch at Bonnie View Road	031000303	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Wilson Branch at J J Lemmon Road	031000304	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Wilson Branch at Tioga Street	031000305	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Woody Branch at Loop 12	031000306	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Peaks Branch Upper Basin Relief System (RL Area 13)	031000360	2034	\$12,219,000	\$0	\$12,219,000	TBD	10%	90%	100%
03	Dallas	FME	Joes Creek - West Fork Channel and Culvert Improvements	031000425	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Woody Branch Floodplain Management Study	031000426	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Ledbetter Branch Detention Basin	031000427	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Lower Five Mile Creek Management Plan	031000428	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Dallas	FME	Coombs Creek Bridge @ Plymouth	031000429	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas	FME	Coombs Creek Bridge @ Ivandell	031000430	2034	\$215,000	\$0	\$215,000	TBD	10%	90%	100%
03	Dallas	FME	Coombs Creek Bridge @ Burlingdell	031000431	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%



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03	Dallas	FME	Coombs Creek Bridge @ Gibsondell	031000432	2034	\$155,000	\$0	\$155,000	TBD	10%	90%	100%
03	Dallas	FME	Coombs Creek Bridge @ Brooklyndell	031000433	2034	\$260,000	\$0	\$260,000	TBD	10%	90%	100%
03	Dallas	FME	Coombs Creek Bridge @ Colorado	031000434	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Coombs Creek Bridge @ Barnett	031000435	2034	\$280,000	\$0	\$280,000	TBD	10%	90%	100%
03	Dallas	FME	Coombs Creek Culvert @ Hampton	031000436	2034	\$465,000	\$0	\$465,000	TBD	10%	90%	100%
03	Dallas	FME	Knights Branch Upper Relief System Study	031000437	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Knights Branch Upper Relief System Phase 2	031000438	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Knights Branch @ Denton Dr.	031000439	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	Knights Branch Upper Relief System - Inwood/Mockingbird	031000440	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Bachman Lake Dam	031000441	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Cherrybrook Lake Dam	031000442	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Hatfield Branch Detention Dam	031000443	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Kidd Springs Lake Dam	031000444	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Lake Cliff Dam	031000445	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Lake Simonds Dam	031000446	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - White Rock Lake Dam	031000447	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Woody Branch Dam	031000448	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Emerald Lake Dam	031000449	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Forney Dam	031000450	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Dallas	FME	City of Dallas Dam Program - Tawakoni Balancing Reservoir	031000451	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Dallas	FMS	City of Dallas Buyout of Repetitive Loss Properties	032000134	2034	\$0	\$50,000,000	\$50,000,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Dam Inundation Study	031000040	2034	\$587,000	\$0	\$587,000	TBD	10%	90%	100%
03	Dallas County	FME	Stream 4A4 at Fulghum Road	031000349	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas County	FME	Stream 4A1 at Geller Road	031000350	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dallas County	FME	Ten Mile Creek at Parkinson Road	031000351	2034	\$1,032,000	\$0	\$1,032,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Austin St.	031000404	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Crestridge Dr.	031000405	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%

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03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Creek (4B4) - Denton Street.	031000406	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Goode Road.	031000407	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Creek (4A4) - Fulghum Road.	031000408	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - W Main	031000409	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - N Jefferson	031000410	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Keller Branch Creek - Goode Road	031000411	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements - Alta Mesa Branch - Tracy Road	031000412	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FME	Dallas County Inland Port Drainage Improvements -Alta Mesa Branch - Simpson St.	031000413	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Dallas County	FMS	Dallas County Floodplain Management	032000019	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Dallas County	FMS	Dallas County Acquisition of Flood-Prone and Repetitive Loss Properties	032000062	2034	\$0	\$50,000,000	\$50,000,000	TBD	10%	90%	100%
03	Dallas County	FMS	Dallas County Open Space System Program and Dallas Trails Program	032000097	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Dalworth Soil and Water Conservation District	FME	Dalworth SWCD Watershed-wide Dam Evaluations	031000464	2034	\$923,000	\$0	\$923,000	TBD	10%	90%	100%
03	Dalworthington Gardens	FMS	Dalworthington Flood Warning System	032000013	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Dalworthington Gardens	FMP	Elkins Lake Dam Rehabilitation	033000072	2034	\$0	\$1,705,000	1705000	TBD	10%	90%	100%
03	Dayton	FME	City of Dayton DMP	031000058	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dayton Lake Estates	FME	County Rd 2331 Re-Routing	031000155	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Decatur	FME	City of Decatur - S. Sendero/S/ Workman Rd Drainage Improvements	031000402	2034	\$1,285,148	\$0	\$1,285,148	TBD	10%	90%	100%
03	Decatur	FME	City of Decatur - S. FM 51 (West Side)	031000403	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	<b>Decatur</b>	<b>FME</b>	<b>City of Decatur DMP</b>	<b>031000072</b>	<b>2034</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>General Revenue</b>	<b>10%</b>	<b>90%</b>	<b>100%</b>
03	Denton	FME	Cooper Creek Drainage Study	031000461	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Denton	FME	Phase #2 of Stormwater Master Plan	031000517	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Denton	FMP	Fairgrounds Detention Option 3	033000070	2034	\$0	\$24,234,000	\$24,234,000	TBD	10%	90%	100%
03	Denton	FMP	Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	2034	\$0	\$15,497,000	\$15,497,000	TBD	10%	90%	100%



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03	Denton	FMP	PEC-4 Phases 3&4	033000097	2034	\$0	\$15,973,000	\$15,973,000	TBD	10%	90%	100%
03	Denton	FME	City of Denton DMP	031000059	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Denton County	FME	Denton County FEMA Mapping	031000007	2034	\$1,140,000	\$0	\$1,140,000	TBD	10%	90%	100%
03	Denton County	FME	Denton County Dam Inundation Study	031000042	2034	\$613,000	\$0	\$613,000	TBD	10%	90%	100%
03	Denton County	FME	Denton County USDA (NRCS) Dam Studies and Rehabilitation	031000277	2034	\$2,000,000	\$0	\$2,000,000	TBD	10%	90%	100%
<b>03</b>	<b>Denton County Soil and Water Conservation District</b>	<b>FME</b>	<b>Denton SWCD Watershed-wide Dam Evaluations</b>	<b>031000463</b>	<b>2034</b>	<b>\$618,000</b>	<b>\$0</b>	<b>\$618,000</b>	<b>TBD</b>	<b>10%</b>	<b>90%</b>	<b>100%</b>
03	DeSoto	FME	Cedar Hill-DeSoto-Duncanville DMP	031000069	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Dish	FME	Town of Dish DMP	031000075	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Dorchester	FMS	City of Dorchester NFIP Floodplain Ordinance	032000112	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Draper	FMS	Draper NFIP Floodplain Ordinance	032000113	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Duncanville	FME	Cedar Hill-DeSoto-Duncanville DMP	031000069	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Ellis County	FME	Ellis County FEMA Mapping	031000008	2034	\$1,182,000	\$0	\$1,182,000	TBD	10%	90%	100%
03	Ellis County	FME	Ellis County Dam Inundation Study	031000043	2034	\$758,000	\$0	\$758,000	TBD	10%	90%	100%
03	Emhouse	FMS	City of Emhouse NFIP Floodplain Ordinance	032000114	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	<b>Eules</b>	<b>FMS</b>	<b>City of Eules Stream Bank Protection Program</b>	<b>032000100</b>	<b>2034</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>Other</b>	<b>10%</b>	<b>90%</b>	<b>100%</b>
03	Eureka	FMS	City of Eureka NFIP Floodplain Ordinance	032000115	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Everman	FME	City of Everman DMP	031000062	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Everman	FMS	Chambers Creek Stream Flow Monitoring System	032000011	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Fairfield	FME	Fairfield South Bateman Drainage Study	031000272	2034	\$200,000	\$0	\$200,000	TBD	10%	90%	100%
03	Fannin County	FME	Fannin County FEMA Mapping	031000009	2034	\$1,183,000	\$0	\$1,183,000	TBD	10%	90%	100%
03	Fannin County	FME	Fannin County DMP	031000080	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Fannin County	FMS	Fannin County Flood Safety Education	032000080	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Fannin County	FMS	Fannin County Flood Insurance Education	032000081	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
<b>03</b>	<b>Fannin Soil and Water Conservation District</b>	<b>FME</b>	<b>Fannin SWCD Watershed-wide Dam Evaluations</b>	<b>031000460</b>	<b>2034</b>	<b>\$408,000</b>	<b>\$0</b>	<b>\$408,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	Farmers Branch	FME	Farmers Branch Retention Pond Dredging	031000134	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Farmers Branch	FME	Cooks Creek Drainage Infrastructure Improvements	031000140	2034	\$2,000,000	\$0	\$2,000,000	TBD	10%	90%	100%
03	Fate	FMS	City of Fate Floodplain Acquisition and Preservation Program	032000066	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Flower Mound	FME	Pecan Acres Floodway Lot Acquisitions	031000414	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	East Waketon Road Drainage Improvement	031000415	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Garden Ridge Boulevard Bridge Erosion Stabilization	031000416	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%

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03	Flower Mound	FME	Jernigan Road Drop Inlet and Bar Ditch Improvements	031000417	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Pecan Acres Drainage Improvements	031000418	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Range Wood Drive, Kings Road & Lusk Lane Drainage Improvements	031000419	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Royal Oaks Curb Inlet Improvements	031000420	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Stream Bank Stabilization – Various Locations Town Wide	031000421	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Sunset Trail Drop Inlet and Outfall Improvement	031000422	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Timber Creek Road Bridges Erosion Stabilization	031000423	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Bakers Branch Tributary 1	031000478	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Bakers Branch Tributary 2	031000479	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Bakers Branch	031000480	2034	\$61,000	\$0	\$61,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Graham Branch Tributary 3	031000481	2034	\$57,000	\$0	\$57,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Graham Branch Tributary 9	031000482	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Graham Branch Tributary 10	031000483	2034	\$59,000	\$0	\$59,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Graham Branch	031000484	2034	\$80,000	\$0	\$80,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of McKamy Creek	031000485	2034	\$65,000	\$0	\$65,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Sharps Branch Tributary 3	031000486	2034	\$59,000	\$0	\$59,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Sharps Branch	031000487	2034	\$64,000	\$0	\$64,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Stream SB-1 Tributary 1	031000488	2034	\$60,000	\$0	\$60,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Stream SB-1 Tributary 2	031000489	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Stream SB-1	031000490	2034	\$57,000	\$0	\$57,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Stream WB-1	031000491	2034	\$63,000	\$0	\$63,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Stream WC-1	031000492	2034	\$58,000	\$0	\$58,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Stream WC-3	031000493	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Stream WC-4	031000494	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%

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03	Flower Mound	FME	Floodplain Mapping Updates of TC-2 Tributary 2	031000495	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of TC-2 Tributary 4	031000496	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Timber Creek Tributary 9	031000497	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Timber Creek Tributary 10	031000498	2034	\$55,000	\$0	\$55,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Timber Creek Tributary 11	031000499	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Timber Creek Tributary 13	031000500	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Timber Creek Tributary 16	031000501	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Timber Creek Tributary 17	031000502	2034	\$57,000	\$0	\$57,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Timber Creek Tributary 18	031000503	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Tributary C to Timber Creek	031000504	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Unnamed 4	031000505	2034	\$60,000	\$0	\$60,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Unnamed 5 Tributary 1.2	031000506	2034	\$58,000	\$0	\$58,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Unnamed 5 Tributary 1	031000507	2034	\$57,000	\$0	\$57,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Unnamed Tributary to Bakers Branch	031000508	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of WB-1 Tributary 1	031000509	2034	\$59,000	\$0	\$59,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Whites Branch Tributary 2.1	031000510	2034	\$58,000	\$0	\$58,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Whites Branch Tributary 2	031000511	2034	\$61,000	\$0	\$61,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Whites Branch	031000512	2034	\$67,000	\$0	\$67,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Wichita Chase Tributary	031000513	2034	\$60,000	\$0	\$60,000	TBD	10%	90%	100%
03	Flower Mound	FME	Floodplain Mapping Updates of Wichita Creek	031000514	2034	\$64,000	\$0	\$64,000	TBD	10%	90%	100%
03	Flower Mound	FME	Hydrologic Updates of Town Wide Fully Developed Hydrology	031000515	2034	\$5,181,000	\$0	\$5,181,000	TBD	10%	90%	100%
03	Fort Worth	FME	Comanche Drive Culvert and Retention Wall Construction Feasibility Assessment	031000165	2034	\$60,000	\$0	\$60,000	TBD	10%	90%	100%
03	Fort Worth	FMS	City of Fort Worth HROM Program	032000135	2034	\$0	\$35,000,000	\$35,000,000	TBD	10%	90%	100%

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03	Fort Worth	FMS	City of Fort Worth Open Space Conservation	032000138	2034	\$0	\$30,000,000	\$30,000,000	TBD	10%	90%	100%
03	Fort Worth	FMP	Lancaster/Foch Area Mitigation	033000030	2034	\$0	\$11,771,000	\$11,771,000	TBD	10%	90%	100%
03	Fort Worth	FMP	Linwood Park Flood Mitigation (University Drive)	033000031	2034	\$0	\$50,523,000	\$50,523,000	TBD	10%	90%	100%
<b>03</b>	<b>Fort Worth</b>	<b>FMP</b>	<b>Zoo Creek Storm Drain Flood Mitigation (Sandage)</b>	<b>033000032</b>	<b>2034</b>	<b>\$0</b>	<b>\$35,353,000</b>	<b>\$35,353,000</b>	<b>Dedicated Revenue Including Fees</b>	<b>10%</b>	<b>90%</b>	<b>100%</b>
<b>03</b>	<b>Fort Worth</b>	<b>FMP</b>	<b>Lebow Flood Mitigation Project</b>	<b>033000074</b>	<b>2034</b>	<b>\$0</b>	<b>\$79,000,000</b>	<b>\$79,000,000</b>	<b>Dedicated Revenue Including Fees</b>	<b>10%</b>	<b>90%</b>	<b>100%</b>
03	Freestone County	FME	Freestone County FEMA Mapping	031000010	2034	\$1,201,000	\$0	\$1,201,000	TBD	10%	90%	100%
03	Freestone County	FME	Freestone County DMP	031000081	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Freestone County	FMS	Freestone County Flood Damage Prevention Ordinance	032000024	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Frisco	FME	Stewart Creek & Legacy Gabion Repair	031000452	2034	\$350,000	\$0	\$350,000	TBD	10%	90%	100%
03	Frisco	FME	Edgewood	031000453	2034	\$520,000	\$0	\$520,000	TBD	10%	90%	100%
03	Gainesville	FME	Wheeler Creek Channelization Study	031000126	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Gainesville	FME	O'Neal St Low-Water Crossing Automatic Barrier Study	031000129	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Gainesville	FME	Elm Fork Bridge Improvements Assessment	031000130	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
<b>03</b>	<b>Garland</b>	<b>FME</b>	<b>Western Heights Drainage Improvements</b>	<b>031000363</b>	<b>2034</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>Bonds/Other Financing</b>	<b>20%</b>	<b>80%</b>	<b>100%</b>
<b>03</b>	<b>Garland</b>	<b>FME</b>	<b>Drainage Improvements for Stream 2C5, Keen Creek, From North Barnes Drive to North Yale Drive</b>	<b>031000368</b>	<b>2034</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>Bonds/Other Financing</b>	<b>20%</b>	<b>80%</b>	<b>100%</b>
<b>03</b>	<b>Garland</b>	<b>FME</b>	<b>Centerville Market Place Drainage Improvements</b>	<b>031000374</b>	<b>2034</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>Bonds/Other Financing</b>	<b>20%</b>	<b>80%</b>	<b>100%</b>
<b>03</b>	<b>Garland</b>	<b>FME</b>	<b>Miami Drive Drainage Improvements</b>	<b>031000375</b>	<b>2034</b>	<b>\$250,000</b>	<b>\$0</b>	<b>\$250,000</b>	<b>Bonds/Other Financing</b>	<b>20%</b>	<b>80%</b>	<b>100%</b>
<b>03</b>	<b>Garland</b>	<b>FME</b>	<b>Montclair No 2 &amp; 3 Drainage Improvements (Alternative 2)</b>	<b>031000521</b>	<b>2034</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$150,000</b>	<b>Bonds/Other Financing</b>	<b>20%</b>	<b>80%</b>	<b>100%</b>
<b>03</b>	<b>Garland</b>	<b>FMP</b>	<b>Saturn Springs Estates Drainage Improvements</b>	<b>033000091</b>	<b>2034</b>	<b>\$10,696,000</b>	<b>\$0</b>	<b>\$10,696,000</b>	<b>Bonds/Other Financing</b>	<b>70%</b>	<b>30%</b>	<b>100%</b>
03	Garland	FME	Holiday Park North Drainage Study Update	031000098	2034	\$90,000	\$0	\$90,000	TBD	10%	90%	100%
03	Garland	FME	Buhler, Cresthaven, Madewell & Maryland Drainage Study Update	031000099	2034	\$132,000	\$0	\$132,000	TBD	10%	90%	100%
03	Garland	FME	Bellaire Heights Drainage Study Update	031000100	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Country Club Add., Club Hill Est., & Eastern Hills Est. Drainage Study Update	031000101	2034	\$127,000	\$0	\$127,000	TBD	10%	90%	100%
03	Garland	FME	Shorehaven-Garvon-Rosewood Terrace-Garland Heights-Freeman Heights-Range-Cooper-Barger Drainage Study Update	031000102	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%



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03	Garland	FME	Brentwood Place-Two Worlds-Apollo East Park Village Drainage Study Update	031000103	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Ridgewood Park-Regal Estates-Meadowcreek Square Drainage Study Update	031000104	2034	\$134,000	\$0	\$134,000	TBD	10%	90%	100%
03	Garland	FME	Eastern Meadows-Southlake Estates-Greenbrook-Green Acres-Rosehill Acreage Drainage Study Update	031000105	2034	\$81,000	\$0	\$81,000	TBD	10%	90%	100%
03	Garland	FME	La Prada 7 & 8 Drainage Study Update	031000106	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Gatewood Drainage Study Update	031000107	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Curtis Drive Drainage Study Update	031000108	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Center Creek Plaza 8 Southgate Estates Drainage Study Update	031000109	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Bluffview Drainage Study Update	031000110	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Camelot Drainage Study Update	031000111	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Downtown Drainage Study Update	031000112	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Main & Wilson Streets Drainage Study Update	031000113	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Royal Crest-Meadowview Drainage Study Update	031000114	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Garvon West, Innovation & Kingsley Ind. Park Drainage Study Update	031000115	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Northlake & Castlewood Drainage Study Update	031000116	2034	\$56,000	\$0	\$56,000	TBD	10%	90%	100%
03	Garland	FME	Legend Drive Drainage Study Update	031000117	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Brazos Drive Drainage Study Update	031000118	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Sweetbriar-Glenrose Alley Drainage Study Update	031000119	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Garland	FME	Spring Creek Retaining Walls	031000278	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Garland	FME	Colonel Palm Valley Drainage Improvements	031000279	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Ashville Drive Drainage Improvements	031000280	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Freeman Heights Drainage Improvements	031000281	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FME	Tobin trail Drainage Analysis	031000282	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%
03	Garland	FMS	Drainage improvement projects throughout the City of Garland.	032000142	2034	\$0	\$105,000,000	\$105,000,000	TBD	10%	90%	100%
03	Glenn Heights	FMS	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	032000078	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Goodlow	FMS	City of Goodlow NFIP Floodplain Ordinance	032000116	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Goodrich	FME	Old 35 Sover Sampson Creek Bridge Elevation	031000159	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%

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03	Goodrich	FME	Pennington Rd Culverts	031000160	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Belt Line Rd (FM1382) at Cottonwood Creek	031000184	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	North Grand Prairie High School Pond Crossing	031000185	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Belt Line Rd at Plattner Creek	031000186	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Small Hill St at Gopher Creek	031000187	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Carrier Parkway at Dalworth Creek	031000188	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Tarrant Rd at Gopher Creek	031000189	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	NE 5th St at Gopher Creek	031000190	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Grass-covered Culvert at Dalworth Creek	031000191	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	High School Drive at Gopher Creek	031000192	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Duncan Perry Rd at Johnson Creek	031000193	2034	\$269,000	\$0	\$269,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Great Southwest Parkway at Cottonwood Creek Bridge and Roadway Raising Improvements (Stream Station 104+64)	031000194	2034	\$477,000	\$0	\$477,000	TBD	10%	90%	100%
03	Grand Prairie	FME	West Park Square Rd at Turner Branch	031000195	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Carrier Parkway at Cottonwood Creek and South Fork Cottonwood Creek - Bridges	031000196	2034	\$908,000	\$0	\$908,000	TBD	10%	90%	100%
03	Grand Prairie	FME	3rd St at Cottonwood Creek and Cottonwood Creek from SW 3rd to FM 1382	031000197	2034	\$637,000	\$0	\$637,000	TBD	10%	90%	100%
03	Grand Prairie	FME	FM 661 at Mountain Creek (Future with Development)	031000198	2034	\$388,000	\$0	\$388,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Green Hollow Drive North and South of Thornbush Drive	031000199	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Carrier Parkway & Egyptian Way	031000200	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Pioneer Parkway & SE 14th St	031000201	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Great Southwest Parkway & Pinewood Drive	031000202	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Lake Park Drive and Victoria Drive	031000203	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Regional Detention at Bowie Elementary School	031000204	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Shady Grove Rd - Jones St Storm Drainage Improvements	031000205	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Duncan Perry Rd, Heritage Court and Goodwin Branch	031000206	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Thousand Oaks Court	031000207	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%



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03	Grand Prairie	FME	East Marshall Drive, Santa Cruz Circle & Belt Line Rd	031000208	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Main St & NE 14th St	031000209	2034	\$294,000	\$0	\$294,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Marshall Drive from Emerald to SW 3rd	031000210	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Varsity Drive and Christy St from Varsity to Mountain Creek Lake	031000211	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	SE 10th Street and Avion Parkway from Perman South to Culvert Crossing	031000212	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	SW 3rd Street from Dorris North to Concrete Channel	031000213	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Bowles St & Hensley Drive	031000214	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Manana Channel Improvements	031000215	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South of Bardin Rd and North of Newberry St	031000216	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Cherokee Trace and Choctaw Trace to Clarice	031000217	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Gilbert Rd Drainage Improvements	031000218	2034	\$291,000	\$0	\$291,000	TBD	10%	90%	100%
03	Grand Prairie	FME	27th Street and Graham Street from Rinehart to Channel	031000219	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Marshall Drive & Avenue C, East Coral & SE 14th Street and in SE 14th Street & Bogarte Drive	031000220	2034	\$320,000	\$0	\$320,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Lakeview Drive & SE 14th Street	031000221	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	WE Roberts St & SW 16th St	031000222	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Jelmak Rd - Hardrock Rd	031000223	2034	\$255,000	\$0	\$255,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Shady Grove Rd, Gilbert Rd, Wright Blvd	031000224	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Parker Rd - Hardrock Rd	031000225	2034	\$288,000	\$0	\$288,000	TBD	10%	90%	100%
03	Grand Prairie	FME	North Carrier Parkway & Main St to Dalworth Creek Channel	031000226	2034	\$440,000	\$0	\$440,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Pioneer Parkway from Brady to Plattner Creek (TXDOT)	031000227	2034	\$476,000	\$0	\$476,000	TBD	10%	90%	100%
03	Grand Prairie	FME	NW 24th St & NW 23rd St from West Main to Ditch Near Dalworth St and Doreen St	031000228	2034	\$299,000	\$0	\$299,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Detention Basin at St. Michael's Church Vacant Property and Relief Storm Drains in Corn Valley Rd and Neighboring Streets from Santa Anna to Kirby Creek Channel	031000229	2034	\$938,000	\$0	\$938,000	TBD	10%	90%	100%
03	Grand Prairie	FME	River Ridge Boulevard	031000230	2034	\$307,000	\$0	\$307,000	TBD	10%	90%	100%
03	Grand Prairie	FME	East Grand Prairie Rd & 14th Street from Austin to Ditch South of Skyline	031000231	2034	\$427,000	\$0	\$427,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Shady Grove Rd	031000232	2034	\$337,000	\$0	\$337,000	TBD	10%	90%	100%

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03	Grand Prairie	FME	Various Streets and Alleys from Dallas Street West of NW 20th Street to Ditch Just South of WE Roberts Street	031000233	2034	\$533,000	\$0	\$533,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Great Southwest Parkway from Warrior to Kirby Creek Concrete Channel North of Mayfield	031000234	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Great Southwest Parkway from North of Forum Drive to Prairie Creek Channel	031000235	2034	\$344,000	\$0	\$344,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Great Southwest Parkway from Sherman to Cottonwood Creek	031000236	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Arbor Creek Pedestrian Bridge Repair and Channel Bottom Stabilization	031000237	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Gopher Creek Stream Bottom Stabilization	031000238	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Turner Branch Stream Bottom Stabilization	031000239	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Arbor Creek Channel Bottom Stabilization	031000240	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	North Fork of Cottonwood Creek Stabilization	031000241	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Kirby Creek Channel Lining Replacements	031000242	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Dry Branch Stream Bottom Stabilization	031000243	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Johnson Creek Avenue J Stabilization	031000244	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Garden Branch Stabilization	031000245	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Warrior Creek Stabilization	031000246	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Dalworth Creek Stabilization	031000247	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	South Fork Cottonwood Creek	031000248	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Willis Branch Stabilization	031000249	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Johnson Creek Stabilization	031000250	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Henry Branch Stream Stabilization	031000251	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Plattner Creek Stabilization	031000252	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Prairie Creek Stabilization	031000253	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Stuart Branch Stabilization	031000254	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Swadley Branch Stabilization	031000255	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Mills Branch Stabilization	031000256	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FME	Tarrell Creek Stabilization	031000257	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FMS	Additional Rain/Stream Gauges for 13 locations	032000016	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FMS	Additional Low Water Crossing Flashing Lights and Automated Gates	032000017	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Grand Prairie	FMS	City of Grand Prairie CIP Program	032000140	2034	\$0	\$243,000,000	\$243,000,000	TBD	10%	90%	100%
03	Grapeland	FME	Grapeland Critical Facilities Floodproofing Assessment	031000149	2034	\$150,000	\$0	\$150,000	TBD	10%	90%	100%

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						Non-construction Costs	Construction Related Costs	Total Estimated Cost	ANTICIPATED SOURCE OF SPONSOR FUNDING (e.g., taxes; general revenue dedicated revenue incl. fees)2	FUNDING TO BE FINANCED BY SPONSOR (Including local, county, or regional mechanisms available but not yet fully utilized)		
03	Grays Prairie	FMS	Grays Prairie NFIP Floodplain Ordinance	032000117	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Grayson County	FME	Grayson County FEMA Mapping	031000011	2034	\$1,228,000	\$0	\$1,228,000	TBD	10%	90%	100%
03	Grayson County	FME	Grayson County Dams Compliance Assessment	031000276	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Grayson County	FMS	Grayson County Flood Warning and Public Safety Improvements	032000018	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Grayson County	FMS	Grayson County Buyout of Repetitive Flood Properties	032000063	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Grayson County	FMS	Grayson County Flood Insurance and Flood Safety Education Program	032000082	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Grimes County	FME	Grimes County FEMA Mapping	031000012	2034	\$1,334,000	\$0	\$1,334,000	TBD	10%	90%	100%
03	Haltom City	FME	Haltom City DMP	031000064	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Haslet	FMS	Haslet Flood Warning System	032000015	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Hebron	FMS	City of Hebron NFIP Floodplain Ordinance	032000118	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Henderson County	FME	Henderson County FEMA Mapping	031000013	2034	\$1,295,000	\$0	\$1,295,000	TBD	10%	90%	100%
03	Hickory Creek	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Highland Park	FME	Exall and Wycliffe Dam Maintenance Protocol for Drainage Systems and Flood Control Structures	031000133	2034	\$175,000	\$0	\$175,000	TBD	10%	90%	100%
03	Highland Park	FME	Westside Drive Drainage System and Street Reconstruct Study	031000138	2034	\$700,000	\$0	\$700,000	TBD	10%	90%	100%
03	Hill County	FME	Hill County FEMA Mapping	031000014	2034	\$1,272,000	\$0	\$1,272,000	TBD	10%	90%	100%
03	Hill County	FMS	Hill County Flooding Regulations Update	032000023	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Hill County	FMS	Hill County Flooding Education and Outreach Program	032000084	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Hood County	FME	Hood County FEMA Mapping	031000015	2034	\$539,000	\$0	\$539,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County FEMA Mapping	031000016	2034	\$1,809,000	\$0	\$1,809,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County DMP	031000082	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County dike for critical facilities	031000148	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Houston County	FME	Houston County Lake Dam Emergency Action Plan	031000275	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Houston County	FMS	Houston County Stream and Rain Gauge Installation	032000006	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Houston County	FMS	Houston County Maintenance Program	032000042	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Houston County	FMS	Houston County Flood Insurance and Dam Education Program	032000085	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Hudson Oaks	FME	Headwaters of South Fork Trinity River Tributaries Through Hudson Oaks	031000285	2034	\$164,000	\$0	\$164,000	TBD	10%	90%	100%
03	Hudson Oaks	FME	Headwaters of Clear Fork Trinity River Tributaries Through Hudson Oaks	031000286	2034	\$106,000	\$0	\$106,000	TBD	10%	90%	100%
03	Huntsville	FME	City of Huntsville DMP	031000354	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%

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03	Hunt County	FME	Hunt County FEMA Mapping	031000017	2034	\$1,064,000	\$0	\$1,064,000	TBD	10%	90%	100%
03	Hunt County	FMS	Hunt County Flood Warning and Public Safety	032000007	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Calloway Branch Erosion Control Study	031000169	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Hurst	FME	Hurstview Drive Bridge Improvement	031000175	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Regional Detention at Mayfair Park	031000176	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	TRE & SH-10 Culvert Improvements	031000177	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Pipeline Road Bridge Improvement	031000178	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Redbud Drive Bridge Improvement	031000179	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hurst	FME	Northeast Mall Culvert Improvement	031000180	2034	\$582,000	\$0	\$582,000	TBD	10%	90%	100%
03	Hurst	FMS	City of Hurst Buyout Program	032000074	2034	\$0	\$25,000,000	\$25,000,000	TBD	10%	90%	100%
03	Hurst	FMS	Drainage improvement projects throughout the City of Hurst.	032000141	2034	\$0	\$18,000,000	\$18,000,000	TBD	10%	90%	100%
03	Hutchins	FME	Hutchins Creek at Denton Street	031000307	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Hutchins Creek at J J Lemmon Street	031000308	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Hutchins Creek at Main Street	031000309	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Rawlins Creek at Dowdy Ferry Road	031000310	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Rawlins Creek at IH 45	031000311	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Rawlins Creek at Main Street	031000312	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4A4 at Goode Road	031000313	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4A4 at IH 45	031000314	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4B4 at Austin Street	031000315	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4B4 at Crestridge Drive	031000316	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	Stream 4B4 at Denton Street	031000317	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Hutchins	FME	City of Hutchins DMP	031000352	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Iola	FMS	City of Iola NFIP Floodplain Ordinance	032000119	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Irving	FME	Irving Levee District Flood Risk Assessment	031000048	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Irving	FME	City of Irving DMP	031000358	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Irving	FME	North Delaware Creek Phases 2 & 3	031000361	2034	\$3,397,000	\$0	\$3,397,000	TBD	10%	90%	100%
03	Irving	FME	Stream 7C2 Channel Improvements	031000366	2034	\$2,685,000	\$0	\$2,685,000	TBD	10%	90%	100%
03	Irving	FMS	Addition of Low Water Crossing Signs and Gates - City of Irving	032000003	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Irving	FMP	West Irving Creek Phases 2, 3, and 4	033000008	2034	\$0	\$98,746,000	\$98,746,000	TBD	10%	90%	100%
03	Irving	FMP	Channel improvement on Brockbank Channel Basin north of SH 183	033000101	2034	\$0	\$15,197,000	\$15,197,000	TBD	10%	90%	100%
03	Itasca	FMS	Itasca Zoning Regulations and Land Use Planning Mechanisms	032000037	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Jack County	FME	Jack County FEMA Mapping	031000018	2034	\$1,122,000	\$0	\$1,122,000	TBD	10%	90%	100%
03	Jack County	FME	Jack County DMP	031000083	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Jack County	FME	Jack County WWTP and Lift Station Flood-Proofing.	031000150	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Jack County	FMS	Jack County Flood Education	032000087	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%



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03	Johnson County	FME	Johnson County FEMA Mapping	031000019	2034	\$977,000	\$0	\$977,000	TBD	10%	90%	100%
03	Johnson County	FME	Johnson County DMP	031000084	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Johnson County	FME	Johnson County Low Water Crossings - East Side	031000263	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Johnson County	FME	Johnson County Low Water Crossings - West Side	031000264	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Johnson County	FMS	Johnson County Acquisition of Flood Prone Structures	032000057	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Kaufman	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Kaufman County	FME	Kaufman County FEMA Mapping	031000020	2034	\$985,000	\$0	\$985,000	TBD	10%	90%	100%
03	Kaufman County	FME	County Rd 125 Automatic Warning Barricade Installation	031000151	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Kaufman County	FMS	Kaufman County Regulation Standards to Protect Open Space Flood-Prone Areas	032000038	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Kaufman County	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Kaufman County	FMS	Kaufman County Flood Education Program	032000088	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Kaufman-Van Zandt Soil and Water Conservation District	FME	Kaufman-Van Zandt SWCD Watershed-wide Dam Evaluations	031000457	2034	\$738,000	\$0	\$738,000	TBD	0%	100%	100%
03	Keller	FME	City of Keller DMP	031000077	2034	\$500,000	\$0	\$500,000	TBD	100%	0%	100%
03	Keller	FME	Big Bear Creek, Little Bear Creek, and Marshall Branch Stream Bank Erosion Study	031000168	2034	\$50,000	\$0	\$50,000	TBD	100%	0%	100%
03	Kemp	FMS	City of Kemp Siren Notification System	032000008	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Kemp	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Kennedale	FMS	City of Kennedale Property Acquisition Program - Village Creek	032000067	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Kirvin	FMS	City of Kirvin NFIP Floodplain Ordinance	032000120	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Krugerville	FMS	Krugerville waterways stabilization program	032000099	2034	\$850,000	\$0	\$850,000	TBD	10%	90%	100%
03	Krum	FMS	Krum "Turn Around, Don't Drown" Campaign	032000079	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Lake Dallas	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek Channel Expansion Study	031000135	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at 1st Street	031000318	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at 4th Street	031000319	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at 6th Street	031000320	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at Cedar Street	031000321	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Halls Branch at Main Street	031000322	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%

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03	Lancaster	FME	Halls Branch at Redbud Lane	031000323	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Keller Branch at Jefferson Street	031000324	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Keller Branch at Main Street	031000325	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Keller Branch at Pleasant Run Road	031000326	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Mill Branch at Houston School Road	031000327	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Mill Branch at Wintergreen Road	031000328	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Stream 3A1 at Ten Mile Road	031000329	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Stream 3A6 at Belt Line Road	031000330	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Bluegrove Road	031000331	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Houston School Road	031000332	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at IH 35E Service	031000333	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at IH 35E Service (County Highway 1382)	031000334	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Nokomis Road	031000335	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at Old Red Oak Road	031000336	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FME	Ten Mile Creek at SH 342	031000337	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lancaster	FMS	Ten Mile Creek Comprehensive Loss Reduction Program	032000052	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Latexo	FMS	City of Latexo NFIP Floodplain Ordinance	032000121	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Lavon	FME	City of Lavon DMP	031000050	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lavon	FMS	Lavon Warning System	032000001	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Leon County	FME	Leon County FEMA Mapping	031000021	2034	\$1,503,000	\$0	\$1,503,000	TBD	10%	90%	100%
03	Leon County	FME	Leon County DMP	031000085	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Leon County	FMS	Leon County Local Flood Warning System	032000009	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Leon County	FMS	Leon County Floodplain Construction Restrictions Re-Evaluation	032000026	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Leon County	FMS	Leon County Property Acquisition Program	032000065	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Leona	FMS	City of Leona NFIP Floodplain Ordinance	032000122	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Lewisville	FMS	Timber Creek Flood Warning System Installation	032000005	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Lewisville	FMS	Lewisville Storm Water Utility Fee	032000101	2034	\$200,000	\$0	\$200,000	TBD	10%	90%	100%
03	Liberty	FME	City of Liberty WWTP Levee Study	031000152	2034	\$80,000	\$0	\$80,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County FEMA Mapping	031000022	2034	\$1,214,000	\$0	\$1,214,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County DMP	031000086	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County Re-canalization	031000153	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Liberty County	FME	Liberty County Culverts Upgrades	031000154	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Limestone County	FME	Limestone County FEMA Mapping	031000023	2034	\$1,272,000	\$0	\$1,272,000	TBD	10%	90%	100%
03	Lindsay	FME	Lindsay Waterways Improvements Study	031000128	2034	\$100,000	\$0	\$100,000	Entity Budget/Funds	20%	80%	100%



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03	Lindsay	FME	Downtown Floodplain Mapping and Reclamation Improvements Evaluation	031000455	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Lindsay	FMS	Lindsay Flood Warning and Public Safety Improvements	032000002	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	<b>Lindsay</b>	<b>FMS</b>	<b>City of Lindsay Flood Monitoring System</b>	<b>032000136</b>	<b>2034</b>	<b>\$0</b>	<b>\$250,000</b>	<b>\$250,000</b>	<b>Entity Budget/Funds</b>	<b>10%</b>	<b>90%</b>	<b>100%</b>
03	Little Elm	FME	Little Elm Drainage Improvements	31000142	2034	\$1,000,000	\$0	\$1,000,000	TBD	10%	90%	100%
03	Little Elm	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Livingston	FMS	Livingston Flood Damage Mitigation Educational Program	032000091	2034	\$60,000	\$0	\$60,000	TBD	10%	90%	100%
03	Madison County	FME	Madison County FEMA Mapping	031000024	2034	\$724,000	\$0	\$724,000	TBD	10%	90%	100%
03	Madison County	FME	Madison County Dam Inundation Study	031000044	2034	\$478,000	\$0	\$478,000	TBD	10%	90%	100%
03	Madisonville	FME	City of Madisonville DMP	031000060	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Malakoff	FME	CR 1400 drainage study	031000145	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Malone	FME	Malone Bridge Improvements	031000146	2034	\$275,000	\$0	\$275,000	TBD	10%	90%	100%
03	Mansfield	FME	Mansfield Stream Stabilization Study	031000170	2034	\$182,000	\$0	\$182,000	TBD	10%	90%	100%
03	Mansfield	FME	Headwaters of Willow Creek Regulatory Floodplain Determination Study	031000287	2034	\$137,000	\$0	\$137,000	TBD	10%	90%	100%
03	Mansfield	FME	Mountain Creek and Tribes Regulatory Floodplain Determination Study	031000288	2034	\$396,000	\$0	\$396,000	TBD	10%	90%	100%
03	Mansfield	FME	Hogpen Creek and Detention Facilities H&H Modeling Update	031000289	2034	\$115,000	\$0	\$115,000	TBD	10%	90%	100%
03	Mansfield	FMS	Creek Level Monitoring Systems and Weather Stations Installation	032000012	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Mansfield	FMS	City of Mansfield Property Acquisition Program	032000068	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Maypearl	FME	City of Maypearl DMP	031000057	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Midway	FMS	Midway Property Acquisition and Elevation Program	032000053	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Midway	FMS	City of Midway NFIP Floodplain Ordinance	032000123	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Mobile City	FMS	Mobile City NFIP Floodplain Ordinance	032000137	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Mont Belvieu	FME	Grand Parkway Culvert Crossing	031000181	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Mont Belvieu	FME	Cherry Point Gully PER	031000182	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Mont Belvieu	FME	Cotton Bayou PER	031000183	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Montague County	FME	Montague County FEMA Mapping	031000025	2034	\$1,203,000	\$0	\$1,203,000	TBD	10%	90%	100%
03	Montague County	FME	Montague County DMP	031000087	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Montague County	FMS	Montague County Floodplain Policy Update	032000029	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Montague County	FMS	Montague County Property Acquisition and Land Preservation Program	032000054	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%

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03	Montague County	FMS	Montague County Sewage Treatment Plants and Sewage Lift Stations Flood-Proofing Program	032000055	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Montague County	FMS	Montague County Flood Education	032000089	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Mustang	FMS	City of Mustang NFIP Floodplain Ordinance	032000124	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Navarro County	FME	Navarro County FEMA Mapping	031000026	2034	\$1,482,000	\$0	\$1,482,000	TBD	10%	90%	100%
03	Navarro County	FME	Navarro County Dam Inundation Study	031000045	2034	\$744,000	\$0	\$744,000	TBD	10%	90%	100%
03	Nevada	FMS	City of Nevada NFIP Floodplain Ordinance	032000125	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Normangee	FME	City of Normangee Watershed-wide Dam Evaluations	31000470	2034	\$58,000	\$0	58000	TBD	10%	90%	100%
03	North Central Texas Council of Govt	FME	East Fork Trinity HUC-8 - East Fork Trinity and Tributaries Flood Risk Identification	031000036	2034	\$4,582,000	\$0	\$4,582,000	TBD	10%	90%	100%
03	North Central Texas Council of Govt	FME	Denton HUC-8 - Hog Branch Flood Risk Identification	031000037	2034	\$1,115,000	\$0	\$1,115,000	TBD	10%	90%	100%
03	North Central Texas Council of Govt	FMS	Tarrant County Promotion of Open Space and LID	032000039	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	North Richland Hills	FME	City of North Richland Hills DMP	031000066	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Oak Grove	FMS	Oak Grove NFIP Floodplain Ordinance	032000126	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Oak Valley	FMS	Oak Valley NFIP Floodplain Ordinance	032000127	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	<b>Parker County</b>	<b>FME</b>	<b>Parker County FEMA Mapping</b>	<b>031000027</b>	<b>2034</b>	<b>\$1,144,000</b>	<b>\$0</b>	<b>\$1,144,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Parker County</b>	<b>FME</b>	<b>Parker County Dam Inundation Study</b>	<b>031000046</b>	<b>2034</b>	<b>\$569,000</b>	<b>\$0</b>	<b>\$569,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Parker County</b>	<b>FME</b>	<b>Parker County DMP</b>	<b>031000088</b>	<b>2034</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$500,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Parker County</b>	<b>FMS</b>	<b>Parker County Flood and Dam Education</b>	<b>032000090</b>	<b>2034</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$50,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	<b>Parker County</b>	<b>FMS</b>	<b>Parker County Nature-Based Practices for Flood Control</b>	<b>032000098</b>	<b>2034</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$500,000</b>	<b>TBD</b>	<b>0%</b>	<b>100%</b>	<b>100%</b>
03	Penelope	FME	FM 2114 Automated Flood Gate Feasibility Assessment	031000147	2034	\$30,000	\$0	\$30,000	TBD	10%	90%	100%
03	Penelope	FMS	City of Penelope NFIP Floodplain Ordinance	032000128	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Plano	FME	City of Plano DMP	031000273	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Polk County	FME	Polk County FEMA Mapping	031000028	2034	\$1,560,000	\$0	\$1,560,000	TBD	10%	90%	100%
03	Polk County	FME	Polk County DMP	031000089	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Polk County	FME	Polk County Road and Drainage Improvements	031000157	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Polk County	FMS	Hazard Hardening Retrofit for Polk County Facilities	032000050	2034	\$0	\$30,000,000	\$30,000,000	TBD	10%	90%	100%
03	Post Oak Bend	FMS	Post Oak Bend NFIP Floodplain Ordinance	032000129	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Providence Village	FMS	Providence Village NFIP Floodplain Ordinance	032000130	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Retreat	FMS	City of Retreat NFIP Floodplain Ordinance	032000102	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%

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03	Richardson	FME	Project 14 – Ridgeway Circle and Ridgeway Drive System	031000376	2034	\$1,700,000	\$0	\$1,700,000	TBD	10%	90%	100%
03	Richardson	FME	Project 15 – James Drive and Weatherred Drive System	031000377	2034	\$1,704,000	\$0	\$1,704,000	TBD	10%	90%	100%
03	Richardson	FME	10' X 4.5' Culvert at Glenville Drive	031000378	2034	\$827,000	\$0	\$827,000	TBD	10%	90%	100%
03	Richardson	FME	2-9' X 7' Culverts Plano Road	031000379	2034	\$1,459,000	\$0	\$1,459,000	TBD	10%	90%	100%
03	Richardson	FME	10' X 8' Culvert at St Johns Drive	031000380	2034	\$1,623,000	\$0	\$1,623,000	TBD	10%	90%	100%
03	Richardson	FME	3-10' X 8' Culverts at Yale Blvd.	031000381	2034	\$950,000	\$0	\$950,000	TBD	10%	90%	100%
03	Richardson	FME	Sub-project A4 - College Park Improvements	031000382	2034	\$2,458,000	\$0	\$2,458,000	TBD	10%	90%	100%
03	Richardson	FME	Sub-project A5 - Annapolis Drive Improvements	031000383	2034	\$1,349,000	\$0	\$1,349,000	TBD	10%	90%	100%
03	Richardson	FME	Sub-project A7 - Improvements along Windsong Trail	031000384	2034	\$2,456,000	\$0	\$2,456,000	TBD	10%	90%	100%
03	Richardson	FME	Sub-project C3 - Spring Valley at Towne House Lane	031000385	2034	\$223,000	\$0	\$223,000	TBD	10%	90%	100%
03	Richardson	FMS	Richardson Flood Warning and Public Safety Improvements	032000004	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Richardson	FMS	Dallas County Land Use Program	032000041	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 1 - Point North Parkway System	033000037	2034	\$0	\$965,000	\$965,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	2034	\$0	\$622,000	\$622,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 6 - Valley Forge Street System	033000039	2034	\$0	\$755,000	\$755,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 8 - Lower Canyon Creek Drive System	033000040	2034	\$0	\$1,502,000	\$1,502,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 9 - Grandview Drive System	033000041	2034	\$0	\$766,000	\$766,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 16 - Valley Glen drive System	033000042	2034	\$0	\$1,513,000	\$1,513,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 19 – Pebblebrook Circle System	033000043	2034	\$0	\$511,000	\$511,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 2 – Campbell Road System	033000044	2034	\$0	\$1,280,000	\$1,280,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	2034	\$0	\$2,015,000	\$2,015,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 18 - Waterview Dr. Re-Route	033000082	2034	\$0	\$11,500,000	\$11,500,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 8A - Cheyenne Dr	033000086	2034	\$0	\$792,000	\$792,000	TBD	10%	90%	100%
03	Richardson	FMP	Project 13 - Mimosa & Melrose Dr	033000088	2034	\$0	\$2,646,000	\$2,646,000	TBD	10%	90%	100%
03	Richardson	FMP	Lois Branch Main Channel Improvements	033000094	2034	\$0	\$2,737,000	\$2,737,000	TBD	10%	90%	100%
03	Richland Hills	FME	Lower Hardisty Storm Drain Improvements	031000167	2034	\$125,000	\$0	\$125,000	TBD	10%	90%	100%
03	Richland Hills	FMS	Richland Hills Semi-Annual Levee Inspections	032000048	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	River Oaks	FME	West Fork of the Trinity River Levee Failure Hydrologic Study	031000049	2034	\$2,000,000	\$0	\$2,000,000	TBD	10%	90%	100%
03	River Oaks	FMS	Tarrant County Flood Education	032000092	2034	\$65,000	\$0	\$65,000	TBD	10%	90%	100%
03	Road Runner	FMS	Town of Road Runner NFIP Floodplain Ordinance	032000131	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%

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03	Rockwall	FME	City of Rockwall DMP	031000061	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Rockwall County	FME	Rockwall County FEMA Mapping	031000029	2034	\$252,000	\$0	\$252,000	TBD	10%	90%	100%
03	Rockwall County	FMS	Rockwall County Warning Signs and Flood Control Gates	032000010	2034	\$0	\$250,000	\$250,000	TBD	10%	90%	100%
03	Rockwall County	FMS	Rockwall County Flood Prevention Ordinance	032000027	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Rosser	FMS	City of Rosser NFIP Floodplain Ordinance	032000132	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Rowlett	FME	City of Rowlett DMP	031000052	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Rowlett	FME	Garner Rd, Chiesa Rd, and Wayne Way Storm Drain System Improvements	031000139	2034	\$1,100,000	\$0	\$1,100,000	TBD	10%	90%	100%
03	Sachse	FME	Merritt Road, Sachse Road, and Willow Lake Improvements	031000095	2034	\$144,000	\$0	\$144,000	TBD	10%	90%	100%
03	Sachse	FME	Jackson Meadows Pond Erosion Control	031000258	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Sachse	FME	Long Branch Channel Improvements (Dewitt to Ingram)	031000259	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Sachse	FMS	City of Sachse Parks Construction Along Low Lying Areas	032000034	2034	\$0	\$1,000,000	\$1,000,000	TBD	10%	90%	100%
03	Sachse	FMS	Rowlett Creek Tributary Maintenance Program	032000044	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Sachse	FMP	Spring Meadows Estates Detention Pond Design	033000007	2034	\$0	\$1,868,000	\$1,868,000	TBD	10%	90%	100%
03	San Jacinto County	FME	San Jacinto County FEMA Mapping	031000030	2034	\$907,000	\$0	\$907,000	TBD	10%	90%	100%
03	San Jacinto County	FME	San Jacinto DMP	031000090	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	San Jacinto County	FME	San Jacinto County Drainage and Conveyance Capacity Improvements	031000162	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	San Jacinto County	FMS	San Jacinto County Ordinance to Control Location of Development	032000028	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	San Jacinto County	FMS	San Jacinto County Voluntary Property Acquisition & Elevation Program	032000056	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Sanger	FME	Sanger Creek Waterways Reconstruction Study	031000144	2034	\$600,000	\$0	\$600,000	TBD	10%	90%	100%
03	Sansom Park	FME	Sansom Park DMP	031000071	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Seagoville	FME	City of Seagoville DMP	031000353	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Seagoville	FMS	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	032000078	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Seven Oaks	FME	Seven Oaks Drainage Ditches	031000158	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Seven Oaks	FME	Seven Oaks Culvert Installation	031000161	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Shady Shores	FME	Shady Shores Rd Elevation Study	031000143	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Shady Shores	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%



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03	Shepherd	FME	Rock Creek Road Improvements	031000163	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Shepherd	FME	Chipmunk Rd Culverts Replacement	031000164	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Southlake	FME	City of Southlake DMP	031000065	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Streetman	FMS	City of Streetman NFIP Floodplain Ordinance	032000103	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Sunnyvale	FME	Lake Ray Hubbard and Duck Creek Tributary Inundation Study	031000041	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Sunnyvale	FMS	Sunnyvale Floodplain Preservation Program	032000036	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Sunnyvale	FMP	Sunnyvale Urban Flooding Reduction Improvements - Area 1	033000033	2034	\$0	\$4,560,000	\$4,560,000	TBD	10%	90%	100%
03	Sunnyvale	FMP	Sunnyvale Urban Flooding Reduction Improvements - Area 2	033000036	2034	\$0	\$5,701,000	\$5,701,000	TBD	10%	90%	100%
03	Tarrant County	FME	Tarrant County Dam Inundation Study	031000047	2034	\$604,000	\$0	\$604,000	TBD	10%	90%	100%
03	Tarrant County	FMS	Tarrant County Property Acquisition Program	032000069	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Tarrant County	FMS	Tarrant County Flood Education Program	032000093	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Tarrant Regional Water District	FME	Preliminary Engineering Study for Mary's Creek Mitigation for Fort Worth Floodway and Central City	031000456	2034	\$1,229,000	\$0	\$1,229,000	General Revenue	10%	90%	100%
03	Tehuacana	FMS	City of Tehuacana NFIP Floodplain Ordinance	032000133	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Terrell	FME	Terrell BC1 Watershed Drainage Improvements	031000364	2034	\$6,640,000	\$0	\$6,640,000	TBD	10%	90%	100%
03	Terrell	FME	Terrell KT1 Watershed Drainage Improvements	031000369	2034	\$1,247,000	\$0	\$1,247,000	TBD	10%	90%	100%
03	Terrell	FME	Terrell KC5 Watershed Drainage Improvements	031000371	2034	\$370,000	\$0	\$370,000	TBD	10%	90%	100%
03	Terrell	FME	Terrell BC5 Watershed Drainage Improvements	031000373	2034	\$509,000	\$0	\$509,000	TBD	10%	90%	100%
03	Terrell	FME	Terrell KC2 Watershed Drainage Improvements	031000522	2034	\$4,794,000	\$0	\$4,794,000	TBD	10%	90%	100%
03	Terrell	FMS	Kaufman County Agreement to Monitor High Hazard Dams	032000043	2034	\$300,000	\$0	\$300,000	TBD	10%	90%	100%
03	Terrell	FMS	Terrell Property Acquisition Program	032000064	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Terrell	FMS	Infrastructure improvements throughout the City of Terrell.	032000143	2034	\$0	\$29,000,000	\$29,000,000	TBD	10%	90%	100%
03	The Colony	FME	North Colony Blvd. at Powers Street	031000260	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	The Colony	FME	Office Creek Drainage Study	031000261	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	The Colony	FME	Bill Allen Park Erosion Study	031000262	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	The Colony	FMS	Flood Protection Ordinance Updates	032000022	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	The Nature Conservancy	FME	Trinity Basin Assessment of Flood Mitigation and Performance of Nature-based Solutions	031000469	2034	\$742,000	\$0	\$742,000	Entity Budget/Funds; Donations; Other	10%	90%	100%

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RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding		Other Funding Needed (Including state, federal and/or other funding)	TOTAL
						Non-construction Costs	Construction Related Costs	Total Estimated Cost	ANTICIPATED SOURCE OF SPONSOR FUNDING (e.g., taxes; general revenue dedicated revenue incl. fees)2	FUNDING TO BE FINANCED BY SPONSOR (Including local, county, or regional mechanisms available but not yet fully utilized)		
03	The Nature Conservancy	FMS	Trinity Basin Stakeholder Nature-based Solutions Project Planning and Analysis	032000146	2034	\$1,964,000	\$0	\$1,964,000	Entity Budget/Funds; Donations; Other	10%	90%	100%
03	Trinidad	FME	City of Trinidad DMP	031000068	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Trinity County	FME	Trinity County FEMA Mapping	031000031	2034	\$989,000	\$0	\$989,000	TBD	10%	90%	100%
03	Trinity County	FME	Trinity County DMP	031000091	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Trinity River Authority	FME	Predicted Maximum Probable Inundation Map	031000284	2034	\$2,000,000	\$0	\$2,000,000	General Revenue	20%	80%	100%
03	University Park	FME	University Park DMP	031000051	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	University Park	FME	University Park Storm Water Infrastructure Improvements Study	031000132	2034	\$660,000	\$0	\$660,000	TBD	10%	90%	100%
03	Upper Elm-Red Soil and Water Conservation District	FME	Upper Elm-Red SWCD Watershed-wide Dam Evaluations	031000458	2034	\$1,322,000	\$0	\$1,322,000	TBD	10%	90%	100%
03	Upper Sabine Soil and Water Conservation District	FME	Upper Sabine SWCD Watershed-wide Dam Evaluations	031000465	2034	\$454,000	\$0	\$454,000	Other	0%	100%	100%
03	Valley View	FME	Pecan Creek Channelization Study	031000127	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Valley View	FMS	Valley View Floodplain Regulation Updates	032000033	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Van Zandt County	FME	Van Zandt County FEMA Mapping	031000032	2034	\$1,272,000	\$0	\$1,272,000	TBD	10%	90%	100%
03	Van Zandt County	FME	Van Zandt County DMP	031000092	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Van Zandt County	FMS	Van Zandt County Flood Safety Improvements and Education	032000094	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Walker County	FME	Walker County FEMA Mapping	031000033	2034	\$1,276,000	\$0	\$1,276,000	TBD	10%	90%	100%
03	Walker County	FMS	Acquisition of Repetitive Loss Properties in the Deep River Plantation Subdivision	032000058	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Walker County	FMS	Walker County Voluntary Buyout Program	032000070	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Walker County	FMS	Walker County Floodplain Regulatory Awareness Public Information Campaign	032000095	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Waxahachie	FME	DMP Phase 2: Dunlap	031000365	2034	\$815,000	\$0	\$815,000	TBD	10%	90%	100%
03	Waxahachie	FME	DMP Phase 1: Anderson Street (Project 3)	031000523	2034	\$337,000	\$0	\$337,000	TBD	10%	90%	100%
03	Waxahachie	FMP	Highland Ave. Drainage Improvements	033000069	2034	\$9,365,000	\$0	\$9,365,000	TBD	10%	90%	100%
03	Waxahachie	FMP	DMP Phase 1: Kirven Avenue (Project 1)	033000095	2034	\$11,048,000	\$0	\$11,048,000	TBD	10%	90%	100%
03	Waxahachie	FME	City of Waxahachie DMP (Phase 2 Continuation)	031000073	2034	\$752,000	\$0	\$752,000	TBD	10%	90%	100%
03	Weatherford	FME	City of Weatherford DMP	031000355	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Weatherford	FMS	Weatherford Biannual Dam Inspection Program	032000047	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Westlake	FMS	Town of Westlake's Floodplain Mitigation Ordinances Review	032000030	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Westworth Village	FME	Floodplain Evaluation of Kings Branch and Farmers Branch	031000467	2034	\$400,000	\$0	\$400,000	TBD	10%	90%	100%



DRAFT Amended Plan TWDB-Required Table 19: Funding Survey Results (All Recommended FMXs)

RFPG Number	Sponsor Entity Name	FMS or FMP or FME	FMS FMP FME - Name	Regional Plan's Unique FMS/FMP/FME Identification Number	Target Year of Full Implementation	Estimated Costs in Plan			Sponsor Funding		Other Funding Needed (Including state, federal and/or other funding)	TOTAL
						Non-construction Costs	Construction Related Costs	Total Estimated Cost	ANTICIPATED SOURCE OF SPONSOR FUNDING (e.g., taxes; general revenue dedicated revenue incl. fees)2	FUNDING TO BE FINANCED BY SPONSOR (Including local, county, or regional mechanisms available but not yet fully utilized)		
03	Westworth Village	FMP	White Settlement Rd. Storm Sewer System Improvements	033000077	2034	\$0	\$1,904,000	\$1,904,000	TBD	10%	90%	100%
03	Westworth Village	FMP	Pumphrey Dr. Storm Sewer System Improvements	033000083	2034	\$0	\$221,000	\$221,000	TBD	10%	90%	100%
03	Wills Point	FMS	Wills Point Structure Permitting Requirement Update	032000031	2034	\$100,000	\$0	\$100,000	TBD	10%	90%	100%
03	Wilmer	FME	City of Wilmer DMP	031000295	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Goode Road	031000338	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at IH 45	031000339	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at IH 45 Northbound Service Road	031000340	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at IH 45 Southbound Service Road	031000341	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Kissell (College) Road	031000342	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Millers Ferry Road	031000343	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Cottonwood Creek of Ten Mile Creek at Pleasant Run Road	031000344	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Stream 4A1 at Goode Road	031000345	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Stream 4A5 at Goode Road	031000346	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Stream 4A5 at IH 45	031000347	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FME	Ten Mile Creek at Ferris Road	031000348	2034	\$250,000	\$0	\$250,000	TBD	10%	90%	100%
03	Wilmer	FMS	Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education	032000078	2034	\$50,000	\$0	\$50,000	TBD	10%	90%	100%
03	Wise County	FME	Wise County FEMA Mapping	031000034	2034	\$1,317,000	\$0	\$1,317,000	TBD	10%	90%	100%
03	Wise County	FME	Wise County DMP	031000093	2034	\$500,000	\$0	\$500,000	TBD	10%	90%	100%
03	Wise County	FMS	Wise County Repetitive Flood Loss Buyout Program	032000071	2034	\$0	\$5,000,000	\$5,000,000	TBD	10%	90%	100%
03	Wise Soil and Water Conservation District	FME	Wise SWCD Watershed-wide Dam Evaluations	031000468	2034	\$678,000	\$0	\$678,000	TBD	10%	90%	100%
03	Young County	FME	Young County FEMA Mapping	031000035	2034	\$1,407,000	\$0	\$1,407,000	TBD	10%	90%	100%

\*Assume 10% funding to be financed by local sponsor and 90% other funding needed (state and federal) when there was no sponsor

\***Bolded rows indicate a sponsor response.**

Project Name	General Project Data									
	FMP ID	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed
Project 1 - Point North Parkway System	033000037	Prairie Creek;Channel improvements to lower the HGL; proposed RCBC storm sewer main crossing Point North Parkway	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Prairie Creek	N	\$965,000	0.00	N/A
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	Replacement of existing storm sewer with larger storm sewer to mitigate roadway and property flooding along Canyon Creek Drive.	Trinity Region	Storm Drain Improvements	Category 2	Prairie Creek	N	\$622,000	0.20	\$207,333
Project 6 - Valley Forge Street System	033000039	Replace the existing storm sewer main and add a parallel storm sewer.	Trinity Region	Storm Drain Improvements	Category 2	Prairie Creek	N	\$755,000	0.10	\$151,000
Project 8 - Lower Canyon Creek Drive System	033000040	Replacement of existing storm sewer with larger storm sewer to mitigate roadway and property flooding along Canyon Creek Drive.	Trinity Region	Storm Drain Improvements	Category 2	Prairie Creek	N	\$1,502,000	0.10	\$166,889
Project 9 - Grandview Drive System	033000041	Replacement of existing storm sewer with larger storm sewer to mitigate roadway and property flooding along Grandview Drive and Fall Creek Drive	Trinity Region	Storm Drain Improvements	Category 2	Prairie Creek	N	\$766,000	0.10	\$153,200
Project 16 - Valley Glen drive System	033000042	Addition of a parallel storm sewer along the existing storm sewer alignment in order to reduce flooding.	Trinity Region	Storm Drain Improvements	Category 2	Prairie Creek	N	\$1,513,000	0.10	\$756,500
Project 19 – Pebblebrook Circle System	033000043	Replacement of existing storm sewer with larger storm sewer to mitigate roadway and property flooding along the intersection of Pebblebrook Circle and Prairie Creek Drive.	Trinity Region	Storm Drain Improvements	Category 2	Prairie Creek	N	\$511,000	0.03	\$511,000
Project 2 – Campbell Road System	033000044	Replace the existing storm sewer main and add a parallel storm sewer.	Trinity Region	Storm Drain Improvements	Category 2	Cottonwood Creek	N	\$1,349,000	0.00	\$224,833
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	Replace a portion of the existing storm sewer system and proposes an extensive inderground system to reduce roadway flooding.	Trinity Region	Storm Drain Improvements	Category 2	Cottonwood Creek	N	\$2,015,000	0.20	\$201,500
Hickory Creek Flood Protection - Alternative 1	033000062	This alternative proposes constructing 12 regional detention ponds and excavation along Hickory Creek, Stream 4C6, and Stream 4C6 Tributary 2.	Trinity Region	Regional Detention	Category 2	Hickory Creek-Parsons Slough	N	\$27,272,000	0.05	\$879,742
Hickory Creek Flood Protection - Alternative 2	033000063	This alternative is proposed as a second phase to be completed once Alternative 1 is constructed. Two additional areas of channel excavation are proposed in this alternative.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Hickory Creek-Parsons Slough	N	\$30,531,000	0.05	\$1,017,700
Hickory Creek Flood Protection - Alternative 3	033000064	Designed to be the final phase after Alternatives 1 and 2 are constructed, this alternative proposes a City trail that will act as a levee between Hickory Creek and a residential neighborhood along the creek. It is not recommended to be constructed as a standalone project without the other two alternatives in place.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Hickory Creek-Parsons Slough	N	\$30,671,000	0.05	\$625,939

Project Name	FMP ID	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)				Score 2: Severity - Communi		
						Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population
Project 1 - Point North Parkway System	033000037	10-yr	100-yr	4	Planning	0	Project is roadway-based	Baseline average flood depth < 0.5ft	2	1	42	17
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	5-yr	100-yr	10	Planning	0.7	Derived from report and GIS investigation	Baseline average flood depth > 0.5ft	4	1	96	37
Project 6 - Valley Forge Street System	033000039	10-yr	100-yr	11	Planning	0.16666667	Derived from report and GIS investigation	Baseline average flood depth < 0.5ft	2	1	98	29
Project 8 - Lower Canyon Creek Drive System	033000040	25-yr	100-yr	14	Planning	0.41666667	Derived from report and GIS investigation	Baseline average flood depth < 0.5ft	2	1	121	40
Project 9 - Grandview Drive System	033000041	5-yr	100-yr	10	Planning	0.58333333	Derived from report and GIS investigation	Baseline average flood depth > 0.5ft	4	1	73	40
Project 16 - Valley Glen drive System	033000042	10-yr	100-yr	9	Planning	0.16666667	Derived from report and GIS investigation	Baseline average flood depth < 0.5ft	2	1	85	21
Project 19 – Pebblebrook Circle System	033000043	25-yr	100-yr	3	Planning	0.375	Derived from report and GIS investigation	Baseline average flood depth < 0.5ft	2	1	23	3
Project 2 – Campbell Road System	033000044	10-Year	100-Year	6	Design	2.1	Average flood depth extracted from page 71 of final report	Baseline average flood depth > 2ft	8	1	259	25
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	2-yr	100-yr	30	Design	1.6	Based on Page 79 Paragraph 1 of Cottonwood Creek Watershed Capital Improvement Plan	Baseline average flood depth > 1ft	6	1	152	43
Hickory Creek Flood Protection - Alternative 1	033000062	N/A	N/A	124	Design	1.1	Average flood depth calculated from model results	Baseline average flood depth > 1ft	6	1	25,851	462
Hickory Creek Flood Protection - Alternative 2	033000063	N/A	N/A	124	Design	1.1	Average flood depth calculated from model results	Baseline average flood depth > 1ft	6	1	25,851	462
Hickory Creek Flood Protection - Alternative 3	033000064	N/A	N/A	124	Design	1.1	Average flood depth calculated from model results	Baseline average flood depth > 1ft	6	1	25,851	462

Project Name	ty Need (% Population)			Score 3: Flood Risk Reduction				Score 4: Flood Damage Reduction				
	FMP ID	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Notes 4
Project 1 - Point North Parkway System	033000037	Numbers calculated based on project area & affected structures in GIS	25%-50% of project community affected	4	0	Project reduces risk for 4 structures, does not remove any from 100-year flood risk.	Reduced risk to 0 structures in floodplain	0	4	\$3,981	\$2,973	25%
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	Numbers calculated based on project area & affected structures in GIS	25%-50% of project community affected	4	3	10 structures in floodplain in existing conditions	Reduced risk to <50% of structures in floodplain	4	10	\$924,046	\$257,330	72%
Project 6 - Valley Forge Street System	033000039	Numbers calculated based on project area & affected structures in GIS	25%-50% of project community affected	4	5	11 structures in floodplain in existing conditions	Reduced risk to <50% of structures in floodplain	4	11	\$664,310	\$12	100%
Project 8 - Lower Canyon Creek Drive System	033000040	Numbers calculated based on project area & affected structures in GIS	25%-50% of project community affected	4	9	14 structures in floodplain in existing conditions	Reduced risk to <75% of structures in floodplain	7	14	\$1,075,888	\$199,337	81%
Project 9 - Grandview Drive System	033000041	Numbers calculated based on project area & affected structures in GIS	50%-75% of project community affected	7	5	10 structures in floodplain in existing conditions	Reduced risk to <75% of structures in floodplain	7	10	\$821,249	\$261,541	68%
Project 16 - Valley Glen drive System	033000042	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	2	9 structures in floodplain in existing conditions	Reduced risk to <50% of structures in floodplain	4	9	\$597,898	\$22	100%
Project 19 – Pebblebrook Circle System	033000043	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	1	3 structures in floodplain in existing conditions	Reduced risk to <50% of structures in floodplain	4	3	\$170,870	\$89,655	48%
Project 2 – Campbell Road System	033000044	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	6	Numbers calculated based on project area	Reduced risk to >75% of structures in floodplain	10	10	\$164,691	\$1,267	99%
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	Population served based on txdot data for Wisteria Way, numbers calc based on Project Area	25%-50% of project community affected	4	10	Numbers calculated based on project area	Reduced risk to <50% of structures in floodplain	4	20	\$1,242,401	\$15	100%
Hickory Creek Flood Protection - Alternative 1	033000062	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	31	124 total structures in floodplain in existing conditions = 25%	Reduced risk to <50% of structures in floodplain	4	10	\$1,722,767	\$1,638,859	5%
Hickory Creek Flood Protection - Alternative 2	033000063	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	30	124 total structures in floodplain in existing conditions = 25%	Reduced risk to <50% of structures in floodplain	4	12	\$1,904,027	\$1,817,041	5%
Hickory Creek Flood Protection - Alternative 3	033000064	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	49	124 total structures in floodplain in existing conditions = 40%	Reduced risk to <50% of structures in floodplain	4	14	\$1,913,138	\$1,817,275	5%

Project Name	FMP ID	Flood Damage Reduction	Score 4	Score 5: Critical Facilities Damage Reduction				Score 6: Life and Safety				Water Supply Benefit in Acre-Feet
				# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6	
Project 1 - Point North Parkway System	033000037	Flood damage reduction > 25%	4	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	0.00	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	Flood damage reduction > 50%	6	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	53.90	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Project 6 - Valley Forge Street System	033000039	Flood damage reduction >95%	10	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	12.83	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Project 8 - Lower Canyon Creek Drive System	033000040	Flood damage reduction > 75%	8	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	32.08	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >30%	6	0
Project 9 - Grandview Drive System	033000041	Flood damage reduction > 50%	6	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	44.92	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%	8	0
Project 16 - Valley Glen drive System	033000042	Flood damage reduction >95%	10	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	12.83	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Project 19 – Pebblebrook Circle System	033000043	Flood damage reduction > 25%	4	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	28.88	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >20%	4	0
Project 2 – Campbell Road System	033000044	Flood damage reduction >95%	10	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	85.35	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	Flood damage reduction >95%	10	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	66.70	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Hickory Creek Flood Protection - Alternative 1	033000062	Flood damage reduction < 25%	2	8	Numbers calculated based on project area	Reduced risk for <10% of critical facilities in floodplain	1	31.26	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >30%	6	0
Hickory Creek Flood Protection - Alternative 2	033000063	Flood damage reduction < 25%	2	8	Numbers calculated based on project area	Reduced risk for <10% of critical facilities in floodplain	1	31.26	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >30%	6	0
Hickory Creek Flood Protection - Alternative 3	033000064	Flood damage reduction < 25%	2	8	Numbers calculated based on project area	Reduced risk for <10% of critical facilities in floodplain	1	31.26	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >30%	6	0



Project Name	Score 7: Water Supply						Score 8: Social Vulnerability				Score 9: Nature-Based Solution		
	FMP ID	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Notes 9	Nature-Based Solutions Ranking
Project 1 - Point North Parkway System	033000037	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.3884	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.3884	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 6 - Valley Forge Street System	033000039	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.1309	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 8 - Lower Canyon Creek Drive System	033000040	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.0382	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 9 - Grandview Drive System	033000041	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.0382	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 16 - Valley Glen drive System	033000042	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.0276	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 19 – Pebblebrook Circle System	033000043	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.0382	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 2 – Campbell Road System	033000044	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.341948	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.5707	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Hickory Creek Flood Protection - Alternative 1	033000062	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.8282	Numbers calculated and answers selected based on project area	SVI between 0.75-1.00 (high vulnerability)	10	15%	Ponds and natural excavation areas	<25% of the project cost is nature-based
Hickory Creek Flood Protection - Alternative 2	033000063	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.8282	Numbers calculated and answers selected based on project area	SVI between 0.75-1.00 (high vulnerability)	10	10%	Mitigation excavation included as part of project cost.	<25% of the project cost is nature-based
Hickory Creek Flood Protection - Alternative 3	033000064	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.8282	Numbers calculated and answers selected based on project area	SVI between 0.75-1.00 (high vulnerability)	10	52%	Levee implementation intended to support trails in the city.	> 50% of the project cost is nature-based



Project Name	FMP ID	Score 9	Score 10: Multiple Benefits				Score 11: O&M			
			Multiple Benefits Description	Notes 10	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11
Project 1 - Point North Parkway System	033000037	1	Benefit categories include transportation, U.N. Sustainable Development Goals, resilience	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$9,203	Typical storm sewer and channel maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	1	Benefit categories include resilience goals, U.N. Sustainable Development Goals, transportation, recreation benefits	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 4 or more wider benefit categories	10	\$591	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 6 - Valley Forge Street System	033000039	1	Benefit categories include resilience goals, U.N. Sustainable Development Goals, transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$719	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 8 - Lower Canyon Creek Drive System	033000040	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,405	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 9 - Grandview Drive System	033000041	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$730	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 16 - Valley Glen drive System	033000042	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,416	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 19 – Pebblebrook Circle System	033000043	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$4,568	Typical storm sewer maintenance	Project will require ongoing operation and maintenance outside of the owner's regular maintenance practices; long-term O&M requirements are undefined; and/or high annual O&M cost > 1% of project (high);	4
Project 2 – Campbell Road System	033000044	1	Benefit categories include project resilience goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$1,228	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	1	Benefit categories include U.N. Sustainable Development Goals, Transportation, Project resilience	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,132	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Hickory Creek Flood Protection - Alternative 1	033000062	1	Benefit categories include social, local economics, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,555,640	Typical pond and channel maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Hickory Creek Flood Protection - Alternative 2	033000063	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$1,711,385	Typical channel maintenance.	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Hickory Creek Flood Protection - Alternative 3	033000064	7	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,719,200	Trail and levee maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

Project Name	FMP ID	Score 12: Admin, Regulatory Obstacles			Score 13: Environmental Benefit			Score 14: Environmental Impact			Traffic Count for LWC Project	Notes 15
		Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking	Score 14		
Project 1 - Point North Parkway System	033000037	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	6	N/A	No Low Water Crossings in project area
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	6	N/A	No Low Water Crossings in project area
Project 6 - Valley Forge Street System	033000039	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Project 8 - Lower Canyon Creek Drive System	033000040	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Project 9 - Grandview Drive System	033000041	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Project 16 - Valley Glen drive System	033000042	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Project 19 – Pebblebrook Circle System	033000043	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Project 2 – Campbell Road System	033000044	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Hickory Creek Flood Protection - Alternative 1	033000062	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	3	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Hickory Creek Flood Protection - Alternative 2	033000063	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	3	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Hickory Creek Flood Protection - Alternative 3	033000064	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	6	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area

Project Name	Score 15: Mobility			Score 16: Regional		
	FMP ID	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
Project 1 - Point North Parkway System	033000037	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 4 - Big Horn Lane/Canyon Creek Drive system	033000038	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 6 - Valley Forge Street System	033000039	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 8 - Lower Canyon Creek Drive System	033000040	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 9 - Grandview Drive System	033000041	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 16 - Valley Glen drive System	033000042	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 19 – Pebblebrook Circle System	033000043	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Project 2 – Campbell Road System	033000044	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 6 – Wisteria Way Circle at Timberlake Circle	033000045	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Hickory Creek Flood Protection - Alternative 1	033000062	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Hickory Creek Flood Protection - Alternative 2	033000063	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Hickory Creek Flood Protection - Alternative 3	033000064	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			

Project Name	General Project Data									
	FMP ID	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	Implement safety improvements including high-water warning flashers, staff gauges, flood hazard signs, and additional light fixtures at four crossings along Town Creek in Burleson: Tarrant Ave, Warren St, Johnson Ave, and Newton Dr.	Trinity Region	Flood Early Warning Systems	Category 4	Quil Miller Creek-Village Creek	N	\$367,000	0.00	N/A
Ansley Dr. Storm Sewer System Improvements	033000067	Infrastructure improvement and additions for channels, storm sewers, and pavement.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Farmers Branch - West Fork Trinity River	N	\$4,225,000	0.1	\$2,112,500
Main A pump station and conveyance improvements	033000068	The proposed improvements include the rehabilitation and upsizing of Pump Station A, upsizing the North Travis Street Culverts to 5-8'x8' box culverts, and channel improvements along the Main A channel.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Linney Creek-Trinity River	N	\$7,639,000	3.95	\$46,000
Highland Ave. Drainage Improvements	033000069	Upsize Highland SD system from Sycamore St through W Marvin Ave to 10'x4' RCB & add 36" RCP at UPRR culvert. Acquire parcels along creek south of BNSF RR to detain 64,000 CY. Install drop inlet at Harding St. & W. Main St., & add 24" RCP along Highland	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Upper Waxahachie Creek	N	\$9,365,000	2.12	\$468,000
Fairgrounds Detention	033000070	Detention upstream of Denton Center Shopping Mall along North Pecan Creek	Trinity Region	Regional Detention	Category 2	Pecan Creek - Lewisville Lake	N	\$24,234,000	0.30	\$417,828
Design/Construction for Holland Lake Spillway	033000071	Upgrade dam to be able to pass the 25% PMF and meet TCEQ dam safety requirements. Add an emergency spillway through the right abutment of the dam along with raising the top of dam elevation.	Trinity Region	Dam Improvements, Maintenance and Repair	Category 2	Brogden Branch-Town Creek	N	\$3,860,000	0.10	\$3,860,000
Elkins Lake Dam Rehabilitation	033000072	Modify dam to pass required 75% PMF and meet TCEQ criteria. Addition of two 60-in diameter culverts to the existing spillway and widening of vegetated approach channel. Raise the crest of the dam to 569.5 ft.	Trinity Region	Dam Improvements, Maintenance and Repair	Category 2	Rush Creek-Village Creek	N	\$1,705,000	0.10	N/A
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	Proposed improvements include realignment of storm drain, upsizing of existing trunk lines, and addition of curb inlets through Greenbrook Dr and Huntwick. Includes construction of Downstream Channel Improvement Option 1 to offset negative impacts	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Rush Creek - Village Creek	N	\$4,939,000	0.10	\$411,583
Lebow Flood Mitigation Project	033000074	Improve storm water conveyance while minimizing impact on existing residential structures, maintain a 'no-rise' condition in the existing 100-yr WSE. The project includes: Section 404 permit, phased implementation, and utility relocations.	Trinity Region	Regional Detention	Category 2	Marine Creek-West Fork Trinity River	N	\$84,725,000	1.50	\$305,866
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	Implement safety improvements including automatic closure gates with flashers on the north and south side of the floodplain, flood hazard signs and staff gauges at CR 714 along Village Creek in Burleson.	Trinity Region	Flood Early Warning Systems	Category 4	Quil Miller Creek-Village Creek	N	\$273,000	0.00	N/A

Project Name	FMP ID	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)				Score 2: Severity - Communi		
						Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	<2-year	<2-year	52	Preliminary Design	3.67		Baseline average flood depth > 3.5ft	10	1	47,641	148
Ansley Dr. Storm Sewer System Improvements	033000067	1-yr	100-yr	2	Planning	0.87	(ft) avg based on existing condition frequency and maximum depth flows from MDP - avg flood depth not in BCA	Baseline average flood depth > 0.5ft	4	1	589	6
Main A pump station and conveyance improvements	033000068	<5-year	10-year	217	Planning	1.2		Baseline average flood depth > 1ft	6	1	91,547	2,008
Highland Ave. Drainage Improvements	033000069	<1-year	100-year	127	Planning	0.46		Baseline average flood depth < 0.5ft	2	1	41,407	830
Fairgrounds Detention	033000070	10-yr	100-yr	469	Planning	3.77	60-min duration - picked from page 7 of Pecan North Pecan Watershed Study Report - Not in BCA	Baseline average flood depth > 3.5ft	10	1	51,387	6,242
Design/Construction for Holland Lake Spillway	033000071	<100-year	100-year	1	90% Design	0.33		Baseline average flood depth < 0.5ft	2	1	30,854	2
Elkins Lake Dam Rehabilitation	033000072	>100-year	>100-year	0	Preliminary Design	0.00		Baseline average flood depth < 0.5ft	2	1	393,985	-
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	5-yr	100-yr	14	Design	0.75	Based on data and exhibits in the report.	Baseline average flood depth > 0.5ft	4	1	177	44
Lebow Flood Mitigation Project	033000074	< 1-yr	100-yr	321	Planning	1.5	Based on model	Baseline average flood depth > 1ft	6	1	1,078	1,246
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	<2-year	<2-year	13	Planning	0.00		Baseline average flood depth < 0.5ft	2	1	48,132	18



Project Name	Community Need (% Population)			Score 3: Flood Risk Reduction				Score 4: Flood Damage Reduction				
	FMP ID	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Notes 4
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	0.31%	<25% of project community affected	1	0	0%	Reduced risk to 0 structures in floodplain	0	0	\$0	\$0	0%
Ansley Dr. Storm Sewer System Improvements	033000067	Numbers calculated based on project area	<25% of project community affected	1	2	Numbers calculated based on project area	Reduced risk to <75% of structures in floodplain	7	2	\$1,651,872	\$210,083	87%
Main A pump station and conveyance improvements	033000068	2.19%	<25% of project community affected	1	18	8%	Reduced risk to <10% of structures in floodplain	1	18	\$80,069,436	\$44,598,482	44%
Highland Ave. Drainage Improvements	033000069	2.00%	<25% of project community affected	1	46	36%	Reduced risk to <50% of structures in floodplain	4	46	\$27,516,112	\$8,740,762	68%
Fairgrounds Detention	033000070	Numbers calculated based on project area	<25% of project community affected	1	58	Numbers calculated based on project area	Reduced risk to <50% of structures in floodplain	4	0	\$47,013,088	\$9,010,366	81%
Design/Construction for Holland Lake Spillway	033000071	0.01%	<25% of project community affected	1	0	0%	Reduced risk to 0 structures in floodplain	0	0	\$81,206	\$0	100%
Elkins Lake Dam Rehabilitation	033000072	0.00%	<25% of project community affected	1	0	0%	Reduced risk to 0 structures in floodplain	0	0	\$0	\$0	0%
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	Numbers calculated based on project area, and data from report and exhibit.	25%-50% of project community affected	4	12	Numbers from project report and exhibit.	Reduced risk to >75% of structures in floodplain	10	12	\$1,191,954	\$25	100%
Lebow Flood Mitigation Project	033000074	87%	>75% of project community affected (by population)	10	277	Numbers calculated based on project area	Reduced risk to >75% of structures in floodplain	10	95	\$71,610,593	\$13,522,979	81%
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	0.04%	<25% of project community affected	1	0	0%	Reduced risk to 0 structures in floodplain	0	0	\$0	\$0	0%



Project Name	FMP ID	Flood Damage Reduction	Score 4	Score 5: Critical Facilities Damage Reduction				Score 6: Life and Safety				Water Supply Benefit in Acre-Feet
				# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6	
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	Flood damage reduction < 25%	2	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	94.60	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Ansley Dr. Storm Sewer System Improvements	033000067	Flood damage reduction > 75%	8	1	Numbers calculated based on project area	Reduced risk for <75% of critical facilities in floodplain		58.77	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Main A pump station and conveyance improvements	033000068	Flood damage reduction > 25%	4	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	15.36	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Highland Ave. Drainage Improvements	033000069	Flood damage reduction > 50%	6	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	23.40	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >20%	4	0
Fairgrounds Detention	033000070	Flood damage reduction > 75%	8	5	Numbers calculated based on project area	Reduced risk for <50% of critical facilities in floodplain		179.59	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Design/Construction for Holland Lake Spillway	033000071	Flood damage reduction >95%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	12.85	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Elkins Lake Dam Rehabilitation	033000072	Flood damage reduction < 25%	2	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	0.00	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	Flood damage reduction >95%	10	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain		41.16	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%	8	0
Lebow Flood Mitigation Project	033000074	Flood damage reduction > 75%	8	9	Numbers calculated based on project area	Reduced risk for >75% of critical facilities in floodplain		125.72	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	Flood damage reduction < 25%	2	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	0.00	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0

Project Name	Score 7: Water Supply						Score 8: Social Vulnerability				Score 9: Nature-Based Solution		
	FMP ID	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Notes 9	Nature-Based Solutions Ranking
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.21		SVI between 0.01-0.25 (low vulnerability)	1	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Ansley Dr. Storm Sewer System Improvements	033000067	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.2168	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Main A pump station and conveyance improvements	033000068	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.69	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Highland Ave. Drainage Improvements	033000069	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.61	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Fairgrounds Detention	033000070	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.5597	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Design/Construction for Holland Lake Spillway	033000071	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.51	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Elkins Lake Dam Rehabilitation	033000072	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.12	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.16	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Lebow Flood Mitigation Project	033000074	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.7708	Numbers calculated and answers selected based on project area	SVI between 0.75-1.00 (high vulnerability)	10	50%	Lower half of project is channel grading. Ponds also proposed.	> 50% of the project cost is nature-based
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.16	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based

Project Name	FMP ID	Score 9	Score 10: Multiple Benefits				Score 11: O&M			
			Multiple Benefits Description	Notes 10	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 367	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Ansley Dr. Storm Sewer System Improvements	033000067	1	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$4,009	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Main A pump station and conveyance improvements	033000068	1	Benefit categories include U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$ 7,639	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Highland Ave. Drainage Improvements	033000069	1	Benefit categories include U.N. Sustainable Development Goals, resilience	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$ 9,365	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Fairgrounds Detention	033000070	1	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,104,976	Typical pond maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Design/Construction for Holland Lake Spillway	033000071	1	Benefit categories include U.N. Sustainable Development Goals, resilience	Project has long-term service life	Project delivers benefits in 2 wider benefit categories	4	\$ 38,598	Assumed 1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Elkins Lake Dam Rehabilitation	033000072	1	Benefit categories include U.N. Sustainable Development Goals, resilience	Project has long-term service life	Project delivers benefits in 2 wider benefit categories	4	\$ 17,047	Assumed 1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$3,091	Typical storm sewer and channel maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Lebow Flood Mitigation Project	033000074	4	Benefit categories include U.N. Sustainable Development Goals, project resilience goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$27,810	Typical channel maintenance.	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 273	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

Project Name	FMP ID	Score 12: Admin, Regulatory Obstacles			Score 13: Environmental Benefit			Score 14: Environmental Impact			Traffic Count for LWC Project	Notes 15
		Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking	Score 14		
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Ansley Dr. Storm Sewer System Improvements	033000067	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Main A pump station and conveyance improvements	033000068		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Highland Ave. Drainage Improvements	033000069		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Fairgrounds Detention	033000070	Answer based on project description and indication of restrictions	Project has a typical number of administrative, regulatory and limitations / requirements	6	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	40882	Answer selected based on largest TxDot data in Project Area
Design/Construction for Holland Lake Spillway	033000071		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Elkins Lake Dam Rehabilitation	033000072		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Lebow Flood Mitigation Project	033000074	Answer based on project description and indication of restrictions	Project has a high number of administrative, regulatory and limitations / requirements	2	Answer selected based on project description	Project will deliver a high level of environmental benefits (4+ categories)	6	Answer selected based on project description	Project has no adverse environmental impacts	10	18698	Answer selected based on project area
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		

Project Name	Score 15: Mobility			Score 16: Regional		
	FMP ID	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
Town Creek [Tarrant Ave, Warren St, Johnson Ave, Newton Dr] Safety Improvement	033000065	Project provides no change to major, minor, or emergency access routes in the project area.	0			
Ansley Dr. Storm Sewer System Improvements	033000067	Project provides no change to major, minor, or emergency access routes in the project area.	0			
Main A pump station and conveyance improvements	033000068	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Highland Ave. Drainage Improvements	033000069	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Fairgrounds Detention	033000070	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Design/Construction for Holland Lake Spillway	033000071	Project provides no change to major, minor, or emergency access routes in the project area.	0			
Elkins Lake Dam Rehabilitation	033000072	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7			
Arlington Bonneville/Greenbrook Drainage Improvements	033000073	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Lebow Flood Mitigation Project	033000074	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Village Creek [Dobson St (CR 714)] Safety Improvements	033000075	Project provides no change to major, minor, or emergency access routes in the project area.	0			

Project Name	General Project Data									
	FMP ID	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed
White Settlement Rd. Storm Sewer System Improvements	033000077	Upgrading existing storm sewer and constructing new inlets/curb inlet extensions	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Farmers Branch - West Fork Trinity River	N	\$1,904,000	0.10	\$146,462
Main B pump station, detention, and conveyance improvements	033000078	The proposed improvements include the rehabilitation and upsizing of Pump Station B, upsize the culverts at North Travis Street, Milam Street and Woods Drive, and construction of a detention basin upstream of Main Street.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Linney Creek-Trinity River	N	\$14,433,000	1.83	\$4,811,000
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	Detention pond located southeast of the intersection of W Univesity Drive and Malone Street along Pecan near Rayzor Elementary School that provides flood mitigation benefits along Pecan Creek.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 3	Elm Fork Trinity River-Little Elm Reservoir	N	\$15,497,000	0.10	\$368,976
Town Creek Warren Park Extension	033000081	This alternative proposes voluntary acquisitions of structures at risk of flooding and extending the existing Warren Park. This extension would include a park with walking paths, exercise pads, and a dog park.	Trinity Region	Property or easement acquisition	Category 2	Quil Miller Creek-Village Creek	N	\$10,346,000	0.30	\$370,000
Project 18 - Waterview Dr. Re-route	033000082	The project consists of replacing RCP with larger diameter RCP, constructing new RCBC, constructing additional curb inlets, and new junction boxes with manholes.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Floyd Branch-White Rock Creek	N	\$11,500,000	0.00	\$348,485
Pumphrey Dr. Storm Sewer System Improvements	033000083	Upgrade of 280 LF of existing sewer, 2 existing inlets, and 1 headwall	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Farmers Branch - West Fork Trinity River	N	\$221,000	0.00	\$110,500
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084	The proposed improvements include channel widening to a 5' bottom width and a trapezoidal shape with 4:1 side slopes. The primary crossing of Redmond Creek will be upsized to 4-8'x7' RCB and a crossing to the west will be upsized to a 2-3'x2' RCB.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Turtle Bayou, Redmond Creek	N	\$1,255,000	2.31	N/A
Arlington Harvest Hills Channel and Drainage Improvements	033000085	Improvements include a larger storm drain system, six property buyouts, positive overflow, and separate outfalls for the existing dual 48-inch RCPs. Channel widening and additional concrete boxes are required to increase flow conveyance.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Fish Creek-Mountain Creek Lake, Cottonwood Creek-Mountain Creek Lake	N	\$15,063,000	0.17	\$342,341
Project 8A - Cheyenne Dr	033000086	Project 8a replaces existing storm sewer mains with larger storm sewers and increases the number of curb to gutter inlets to reduce flooding.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Floyd Branch-White Rock Creek	N	\$792,000	0.10	\$113,143
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	Property acquisition of approximately twenty four (24) structures along Arkansas Lane and Pioneer Parkway. No channel improvements planned.	Trinity Region	Property or Easement Acquisition	Category 3	Mountain Creek-West Fork Trinity River	N	\$7,675,000	0.10	\$319,792
Project 13 - Mimosa & Merose Dr	033000088	Upsizing existing storm sewer mains/laterals, adding parallel storm sewers, adding more curb to gutter inlets	Trinity Region	Storm Drain Improvements	Category 2	Floyd Branch-White Rock Creek	N	\$2,646,000	0.00	N/A



Project Name	FMP ID	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)				Score 2: Severity - Communi		
						Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population
White Settlement Rd. Storm Sewer System Improvements	033000077	1-yr	100-yr	13	Planning	0.79	(ft) avg based on existing condition frequency and maximum depth flows from MDP - avg flood depth not in BCA	Baseline average flood depth > 0.5ft	4	1	93	25
Main B pump station, detention, and conveyance improvements	033000078	<2-year	2-year	324	Planning	1.1		Baseline average flood depth > 1ft	6	1	91,547	3,280
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	<10-yr	100-yr	297	Design	1.23	Based on model	Baseline average flood depth > 1ft	6	1	3,225	3,225
Town Creek Warren Park Extension	033000081	10-year	10-year	75	Planning	1.99		Baseline average flood depth > 1ft	6	1	48,132	174
Project 18 - Waterview Dr. Re-route	033000082	<100-yr	100-yr	35	Planning	2.1	Information not in BCA	Baseline average flood depth > 2ft	8	1	2,300	122
Pumphrey Dr. Storm Sewer System Improvements	033000083	<1-yr	100-yr	2	Planning	0.68	(ft) avg based on existing condition frequency and maximum depth flows from MDP - avg flood depth not in BCA	Baseline average flood depth > 0.5ft	4	1	2	2
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084	<2-year	2-year	190	Planning	0.50		Baseline average flood depth > 0.5ft	4	1	91,547	309
Arlington Harvest Hills Channel and Drainage Improvements	033000085	2-yr	100-yr	44	Planning	0.75	From report	Baseline average flood depth > 0.5ft	4	1	851	164
Project 8A - Cheyenne Dr	033000086	<100-yr	100-yr	7	Planning	3.1	Based on model	Baseline average flood depth > 2ft	8	1	96	20
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	<100-yr	100-yr	24	Planning	0.5	From report	Baseline average flood depth > 0.5ft	4	1	157	2,036
Project 13 - Mimosa & Merose Dr	033000088	<100-yr	100-yr	0	Planning	1	Page 14 of West Fork Capital Improvement Projects (Not in BCA)	Baseline average flood depth > 3.5ft	10	1	314	-

Project Name	Community Need (% Population)			Score 3: Flood Risk Reduction				Score 4: Flood Damage Reduction				
	FMP ID	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Notes 4
White Settlement Rd. Storm Sewer System Improvements	033000077	Numbers calculated based on project area & affected structures in GIS	25%-50% of project community affected	4	13	Numbers calculated based on project area	Reduced risk to >75% of structures in floodplain	10	0	\$1,119,996	\$285	100%
Main B pump station, detention, and conveyance improvements	033000078	3.58%	<25% of project community affected	1	33	10%	Reduced risk to <50% of structures in floodplain	4	33	\$83,936,699	\$81,805,245	3%
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	Numbers calculated based on project area & affected structures in GIS	>75% of project community affected (by population)	10	42	Numbers calculated based off project area and downstream area.	Reduced risk to <50% of structures in floodplain	4	255	\$29,887,735	\$16,897,996	43%
Town Creek Warren Park Extension	033000081	0.36%	<25% of project community affected	1	0	0%	Reduced risk to 0 structures in floodplain	0	0	\$4,075,687	\$0	100%
Project 18 - Waterview Dr. Re-route	033000082	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	33	Numbers calculated based on project area	Reduced risk to >75% of structures in floodplain	10	2	\$1,536,640	\$0	100%
Pumphrey Dr. Storm Sewer System Improvements	033000083	Numbers calculated based on project area & affected structures in GIS	>75% of project community affected (by population)	10	2	Numbers calculated based on project area	Reduced risk to >75% of structures in floodplain	10	0	\$1,077	\$0	100%
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084	0.34%	<25% of project community affected	1	3	2%	Reduced risk to <10% of structures in floodplain	1	3	\$5,183,034	\$5,169,994	0.25%
Arlington Harvest Hills Channel and Drainage Improvements	033000085	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	44	All structures removed from FP	Reduced risk to >75% of structures in floodplain	10	0	\$12,656,000	\$5,000,000	60%
Project 8A - Cheyenne Dr	033000086	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	7	All structures removed from FP	Reduced risk to >75% of structures in floodplain	10	0	\$1,578,030	\$882,039	44%
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	24	All structures removed from FP	Reduced risk to >75% of structures in floodplain	10	0	\$682,947	\$0	100%
Project 13 - Mimosa & Merose Dr	033000088	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	0	Project improves roadway flooding. No homes in floodplain in existing conditions.	Reduced risk to 0 structures in floodplain	0	0	\$510	\$136	73%

Project Name	FMP ID	Flood Damage Reduction	Score 4	Score 5: Critical Facilities Damage Reduction				Score 6: Life and Safety				Water Supply Benefit in Acre-Feet
				# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6	
White Settlement Rd. Storm Sewer System Improvements	033000077	Flood damage reduction >95%	10	2	Numbers calculated based on project area	Reduced risk for >75% of critical facilities in floodplain		47.01	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%	8	0
Main B pump station, detention, and conveyance improvements	033000078	Flood damage reduction < 25%	2	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	12.60	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	Flood damage reduction > 25%	4	2	Numbers calculated based on project area	Reduced risk for <10% of critical facilities in floodplain		63.46	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Town Creek Warren Park Extension	033000081	Flood damage reduction >95%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	86.86	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Project 18 - Waterview Dr. Re-route	033000082	Flood damage reduction < 25%	2	2	Numbers calculated based on project area	Reduced risk for >75% of critical facilities in floodplain		135.63	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Pumphrey Dr. Storm Sewer System Improvements	033000083	Flood damage reduction >95%	10	1	Numbers calculated based on project area	Reduced risk for >75% of critical facilities in floodplain		40.46	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%	8	0
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084	Flood damage reduction < 25%	2	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	7.00	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Arlington Harvest Hills Channel and Drainage Improvements	033000085	Flood damage reduction > 50%	6	3	Numbers calculated based on project area	Reduced risk for >75% of critical facilities in floodplain		24.94	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >20%	4	0
Project 8A - Cheyenne Dr	033000086	Flood damage reduction > 25%	4	1	Numbers calculated based on project area	Reduced risk for >75% of critical facilities in floodplain		196.88	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	Flood damage reduction >95%	10	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain		16.45	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage <20%	2	0
Project 13 - Mimosa & Merose Dr	033000088	Flood damage reduction > 50%	6	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain		68.25	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0

Project Name	Score 7: Water Supply						Score 8: Social Vulnerability				Score 9: Nature-Based Solution		
	FMP ID	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Notes 9	Nature-Based Solutions Ranking
White Settlement Rd. Storm Sewer System Improvements	033000077	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.2168	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Main B pump station, detention, and conveyance improvements	033000078	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.68	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.443	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	10%	Detention provides minor natural benefits	<25% of the project cost is nature-based
Town Creek Warren Park Extension	033000081	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.21	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 18 - Waterview Dr. Re-route	033000082	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.72	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Pumphrey Dr. Storm Sewer System Improvements	033000083	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.2168	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.66	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Arlington Harvest Hills Channel and Drainage Improvements	033000085	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.6342	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 8A - Cheyenne Dr	033000086	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.033	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.7803	Numbers calculated and answers selected based on project area	SVI between 0.75-1.00 (high vulnerability)	7	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Project 13 - Mimosa & Merose Dr	033000088	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.033	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based

Project Name	FMP ID	Score 9	Score 10: Multiple Benefits				Score 11: O&M			
			Multiple Benefits Description	Notes 10	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11
White Settlement Rd. Storm Sewer System Improvements	033000077	1	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,806	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Main B pump station, detention, and conveyance improvements	033000078	1	Benefit categories include U.N. Sustainable Development Goals, transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$ 14,433	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	1	Benefit categories include U.N. Sustainable Development Goals, project resilience goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$724,176	Typical pond maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Town Creek Warren Park Extension	033000081	1	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$ 10,346	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 18 - Waterview Dr. Re-route	033000082	1	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$10,950	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Pumphrey Dr. Storm Sewer System Improvements	033000083	1	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$213	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084	1	Benefit categories include U.N. Sustainable Development Goals, transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$ 1,255	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Arlington Harvest Hills Channel and Drainage Improvements	033000085	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$3,853	Typical storm drain and channel maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Project 8A - Cheyenne Dr	033000086	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$780	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$0	Intention to return buyout area to natural conditions	Project will not require any ongoing operation and maintenance (low);	7
Project 13 - Mimosa & Merose Dr	033000088	1	Benefit categories include recreation, transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$2,563	Typical storm sewer maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7



Project Name	FMP ID	Score 12: Admin, Regulatory Obstacles			Score 13: Environmental Benefit			Score 14: Environmental Impact			Traffic Count for LWC Project	Notes 15
		Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking	Score 14		
White Settlement Rd. Storm Sewer System Improvements	033000077	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)		Answer selected based on project description	Project has no adverse environmental impacts	10	9391	TxDot Data
Main B pump station, detention, and conveyance improvements	033000078		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	Answer based on project description and indication of restrictions	Project has a typical number of administrative, regulatory and limitations / requirements	6	Answer selected based on project description	Project will deliver a moderate level of environmental benefits (2-3 categories)		Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Town Creek Warren Park Extension	033000081		Project has a typical number of administrative, regulatory and limitations / requirements	6	Air Quality (Parks & Recreation)	Project will deliver a low level of environmental benefits (1 category)	3		Project has no adverse environmental impacts	10		
Project 18 - Waterview Dr. Re-route	033000082	Answer based on project description and indication of restrictions	Project has a typical number of administrative, regulatory and limitations / requirements	6	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	3262	TxDot Data
Pumphrey Dr. Storm Sewer System Improvements	033000083	Answer based on project description and indication of restrictions	Project has a typical number of administrative, regulatory and limitations / requirements	6	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)		Answer selected based on project description	Project has no adverse environmental impacts	10	2471	Answer selected based on project area
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Arlington Harvest Hills Channel and Drainage Improvements	033000085	Answer based on project description and indication of restrictions	Project has a high number of administrative, regulatory and limitations / requirements	2	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Project 8A - Cheyenne Dr	033000086	Answer based on project description and indication of restrictions	Project has a high number of administrative, regulatory and limitations / requirements	2	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	3262	TxDot Data
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	0	Answer selected based on project description	Project has no adverse environmental impacts	10	23974	TxDot Data
Project 13 - Mimosa & Merose Dr	033000088	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	3408	TxDot Data



Project Name	Score 15: Mobility			Score 16: Regional		
	FMP ID	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
White Settlement Rd. Storm Sewer System Improvements	033000077	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7			
Main B pump station, detention, and conveyance improvements	033000078	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Cordell Detention Pond (Rayzor Elementary School Pond)	033000079	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Town Creek Warren Park Extension	033000081	Project provides no change to major, minor, or emergency access routes in the project area.	0			
Project 18 - Waterview Dr. Re-route	033000082	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Pumphrey Dr. Storm Sewer System Improvements	033000083	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Channel and Crossing Improvements on Redmond Creek south of the City of Ames	033000084	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Arlington Harvest Hills Channel and Drainage Improvements	033000085	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Project 8A - Cheyenne Dr	033000086	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7			
Arlington Johnson Creek - Arkansas Lane and Pioneer Parkway Buyout at Johnson Creek	033000087	Project provides no change to major, minor, or emergency access routes in the project area.	0			
Project 13 - Mimosa & Merose Dr	033000088	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			

Project Name	General Project Data									
	FMP ID	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	Property acquisition of approximately one hundred twenty four (124) structures along Collins Street and Division Street. No channel improvements planned.	Trinity Region	Property or Easement Acquisition	Category 2	Mountain Creek-West Fork Trinity River	N	\$30,258,000	0.00	\$254,269
Town Creek Railroad and S. Warren Street Improvements	033000090	This FMP includes improving the capacity of the crossing by adding a third 12' x 10' barrel to the RCB. This solution also includes raising S Warren St by 2.5' and increasing the capacity of the crossing.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Quil Miller Creek-Village Creek	N	\$2,441,000	0.20	N/A
Saturn Springs Estates Drainage Improvements	033000091	Creek improvements such as gabions and walls to protect utilities, structures, and high-velocity areas from erosion and storm drain improvements such as upsized lines, additional laterals, regraded alleyways, and new curb and gutter along several roads.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Duck Creek-East Fork Trinity River	N	\$10,696,000	0.10	\$1,782,667
Terrell KC1 Watershed Drainage Improvements	033000092	Implement and upsize storm drain on Brin St, College St, Rochester St, & Gardner St. Add additional drainage crossing at SH 34. Place inlets at every intersection to capture additional runoff. Upsize railroad crossing and improve adjacent channel.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Headwaters Kings Creek	N	\$27,350,000	0.00	\$448,000
Lois Branch Main Channel Improvements	033000094	Alternative proposes channel geometry modifications for 3,900 LF, drop structures, culvert crossing resizing, and raising one roadway by 1.0 feet.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Headwaters Trinity River	N	\$2,737,000	0.00	\$1,368,500
DMP Phase 1: Kirven Avenue (Project 1)	033000095	Supplement existing storm drain system with additional parallel system near the intersection of Almond St and Sycamore St that extends downstream along Harbin Ave to the existing Marvin Ave outfall. Upsize Marvin Ave to 8' x 7' RCB outfall.	Trinity Region	Storm Drain Improvements	Category 2	Upper Waxahachie Creek	N	\$11,048,000	0.00	\$789,000
Estates Drive Bridge Replacement	033000096	Replace Estates Drive Bridge over Poindexter Creek	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Hickory Creek-Little Elm Reservoir	N	\$1,410,000	0.10	\$352,500
PEC-4 Phases 3&4	033000097	Install 3,200 linear ft of 10'x8', 12'x8', and 16'x8' underground box culvert from the intersection with Phase 2 at Prairie following the PEC 4 Tributary and then traveling down Mulberry to Bernard. Box culvert will contain the 100-yr floodplain.	Trinity Region	Storm Drain Improvements	Category 2	Upper Hickory Creek, Middle Hickory Creek, Pecan Creek-Lewisville Lake	N	\$15,973,000	0.10	\$197,000
Kingstree Rd Drainage Improvements	033000098	Proposed bridge installation over creek crossing on Kingstree Road to reduce roadway overtopping during storm events. Includes creek channel grading improvements.	Trinity Region	Low Water Crossing or Bridge Improvement	Category 2	Eagans Branch-Kings Creek, Headwaters Big Cottonwood Creek, Little Cottonwood Creek-Kings Creek, Williams Creek-Cedar Creek	N	\$3,319,000	0.40	N/A
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	Proposed improvements include upsizing RCBC, replacing existing concrete-lined trapezoidal channel with wider and deeper rectangular channels, and transitions downstream of Bowman Springs Road crossing and upstream of Crossgate Court crossing.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Wildcat Branch - Lake Arlington	N	\$4,504,000	0.00	\$346,462
Channel improvement on Brockbank Channel Basin north of SH 183	033000101	Proposed improvements to the upstream closed storm drain network and the downstream open channel. There are two phases for the storm drain network: trunk line and lateral improvements.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Delaware Creek-West Fork Trinity River	N	\$15,197,000	0.10	\$390,000

Project Name	FMP ID	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)				Score 2: Severity - Communi		
						Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	<100-yr	100-yr	119	Planning	1.1	From report	Baseline average flood depth > 1ft	6	1	640	2,036
Town Creek Railroad and S. Warren Street Improvements	033000090	10-year	100-year	60	Planning	1.98		Baseline average flood depth > 1ft	6	1	48,132	146
Saturn Springs Estates Drainage Improvements	033000091	2-yr	100-yr	32	Planning	1	Derived from report and GIS investigation	Baseline average flood depth > 1ft	6	1	663	107
Terrell KC1 Watershed Drainage Improvements	033000092	<5-year	100-year	67	Planning	0.83		Baseline average flood depth > 0.5ft	4	1	17,526	651
Lois Branch Main Channel Improvements	033000094	<100-yr	100-yr	2	Planning	2	Derived from report and GIS investigation	Baseline average flood depth > 2ft	8	1	5	5
DMP Phase 1: Kirven Avenue (Project 1)	033000095	<5-year	100-year	22	Planning	1.57		Baseline average flood depth > 1ft	6	1	41,407	77
Estates Drive Bridge Replacement	033000096	2-yr	100-yr	12	Planning	2.104166667	Derived from report and GIS investigation	Baseline average flood depth > 2ft	8	1	215	13
PEC-4 Phases 3&4	033000097	<100-year	100-year	89	Planning	0.72		Baseline average flood depth > 0.5ft	4	1	142,302	321
Kingstree Rd Drainage Improvements	033000098	<2-year	10-year	212	Planning	1.42		Baseline average flood depth > 1ft	6	1	1,993	302
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	1-yr	100-yr	21	Planning	1.490475833	Derived from report and GIS investigation	Baseline average flood depth > 1ft	6	1	163,558	43
Channel improvement on Brockbank Channel Basin north of SH 183	033000101	<50-year	100-year	39	Planning	0.81		Baseline average flood depth > 0.5ft	4	1	256,873	60

Project Name	Community Need (% Population)			Score 3: Flood Risk Reduction				Score 4: Flood Damage Reduction				
	FMP ID	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Notes 4
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	Numbers calculated based on project area & affected structures in GIS	25%-50% of project community affected	4	119	All structures removed from FP	Reduced risk to >75% of structures in floodplain	10	0	\$1	\$0	100%
Town Creek Railroad and S. Warren Street Improvements	033000090	0.30%	<25% of project community affected	1	20	33%	Reduced risk to <50% of structures in floodplain	4	20	\$10,187,454	\$8,926,300	12%
Saturn Springs Estates Drainage Improvements	033000091	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	6	32 structures in floodplain in existing conditions	Reduced risk to <50% of structures in floodplain	4	26	\$5,038,694	\$2,140,886	58%
Terrell KC1 Watershed Drainage Improvements	033000092	3.71%	<25% of project community affected	1	6	9%	Reduced risk to <10% of structures in floodplain	1	6	\$5,878,330	\$174,158	97%
Lois Branch Main Channel Improvements	033000094	Numbers calculated based on project area & affected structures in GIS	>75% of project community affected (by population)	10	2	All structures removed from FP	Reduced risk to >75% of structures in floodplain	10	0	\$308,580	\$0	100%
DMP Phase 1: Kirven Avenue (Project 1)	033000095	0.19%	<25% of project community affected	1	5	23%	Reduced risk to <50% of structures in floodplain	4	5	\$3,201,857	\$1,703,343	47%
Estates Drive Bridge Replacement	033000096	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	4	12 structures in floodplain in existing conditions	Reduced risk to <50% of structures in floodplain	4	8	\$1,275,194	\$293,273	77%
PEC-4 Phases 3&4	033000097	0.23%	<25% of project community affected	1	7	8%	Reduced risk to <10% of structures in floodplain	1	7	\$6,717,195	\$339,714	95%
Kingstree Rd Drainage Improvements	033000098	15.15%	<25% of project community affected	1	13	6%	Reduced risk to <10% of structures in floodplain	1	13	\$560,372	\$510,197	9%
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	Numbers calculated based on project area & affected structures in GIS	<25% of project community affected	1	13	21 structures in floodplain in existing conditions	Reduced risk to <75% of structures in floodplain	7	3	\$2,567,619	\$1,195,666	53%
Channel improvement on Brockbank Channel Basin north of SH 183	033000101	0.02%	<25% of project community affected	1	1	3%	Reduced risk to <10% of structures in floodplain	1	1	\$4,584,112	\$0	100%

Project Name	FMP ID	Flood Damage Reduction	Score 4	Score 5: Critical Facilities Damage Reduction				Score 6: Life and Safety				Water Supply Benefit in Acre-Feet
				# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6	
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	Flood damage reduction >95%	10	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain		43.19	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%	8	0
Town Creek Railroad and S. Warren Street Improvements	033000090	Flood damage reduction < 25%	2	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	54.38	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Saturn Springs Estates Drainage Improvements	033000091	Flood damage reduction > 50%	6	1	Numbers calculated based on project area	Reduced risk for <10% of critical facilities in floodplain		68.60	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Terrell KC1 Watershed Drainage Improvements	033000092	Flood damage reduction >95%	10	3	Project region has recommended >25% of total projects	Reduced risk for <10% of critical facilities in floodplain	1	55.50	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Lois Branch Main Channel Improvements	033000094	Flood damage reduction >95%	10	8	Numbers calculated based on project area	Reduced risk for >75% of critical facilities in floodplain		109.06	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
DMP Phase 1: Kirven Avenue (Project 1)	033000095	Flood damage reduction > 25%	4	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	147.39	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Estates Drive Bridge Replacement	033000096	Flood damage reduction > 75%	8	5	Numbers calculated based on project area	Reduced risk for <10% of critical facilities in floodplain		92.43	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
PEC-4 Phases 3&4	033000097	Flood damage reduction > 75%	8	2	Project region has recommended >25% of total projects	Reduced risk for <10% of critical facilities in floodplain	1	28.17	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >20%	4	0
Kingstree Rd Drainage Improvements	033000098	Flood damage reduction < 25%	2	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	73.44	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >50%	10	0
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	Flood damage reduction > 50%	6	0	Numbers calculated based on project area	Reduced risk for 0 structures in floodplain	0	46.65	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%	8	0
Channel improvement on Brockbank Channel Basin north of SH 183	033000101	Flood damage reduction >95%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain	0	42.01	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%	8	0

Project Name	Score 7: Water Supply						Score 8: Social Vulnerability				Score 9: Nature-Based Solution		
	FMP ID	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Notes 9	Nature-Based Solutions Ranking
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.673	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Town Creek Railroad and S. Warren Street Improvements	033000090	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.21	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Saturn Springs Estates Drainage Improvements	033000091	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0		Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Terrell KC1 Watershed Drainage Improvements	033000092	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.80	Numbers calculated and answers selected based on project area	SVI between 0.75-1.00 (high vulnerability)	10	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Lois Branch Main Channel Improvements	033000094	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.3752	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
DMP Phase 1: Kirven Avenue (Project 1)	033000095	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.40	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Estates Drive Bridge Replacement	033000096	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.42	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
PEC-4 Phases 3&4	033000097	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.47	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Kingstree Rd Drainage Improvements	033000098	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.46	Numbers calculated and answers selected based on project area	SVI between 0.25-0.5 (low to moderate vulnerability)	4	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.1482	Numbers calculated and answers selected based on project area	SVI between 0.01-0.25 (low vulnerability)	1	0%	No nature-based solution indicated in project description	<25% of the project cost is nature-based
Channel improvement on Brockbank Channel Basin north of SH 183	033000101	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.55	Numbers calculated and answers selected based on project area	SVI between 0.5-0.75 (moderate to high vulnerability)	7	0.00%	No nature-based solution indicated in project description	<25% of the project cost is nature-based



Project Name	FMP ID	Score 9	Score 10: Multiple Benefits				Score 11: O&M			
			Multiple Benefits Description	Notes 10	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$0	Intention to return buyout area to natural conditions	Project will not require any ongoing operation and maintenance (low);	10
Town Creek Railroad and S. Warren Street Improvements	033000090	1	Benefit categories include transportation, UN Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$ 2,441	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Saturn Springs Estates Drainage Improvements	033000091	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$9,883	Typical storm sewer and channel maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Terrell KC1 Watershed Drainage Improvements	033000092	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$ 27,350	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Lois Branch Main Channel Improvements	033000094	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$3,246	Typical channel maintenance.	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
DMP Phase 1: Kirven Avenue (Project 1)	033000095	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$ 11,048	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Estates Drive Bridge Replacement	033000096	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 3 wider benefit categories	7	\$1,366	Roadway maintenance would transfer to different division	Project will not require any ongoing operation and maintenance (low);	7
PEC-4 Phases 3&4	033000097	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 15,973	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Kingstree Rd Drainage Improvements	033000098	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 3,319	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$4,274	Typical storm drain and channel maintenance	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Channel improvement on Brockbank Channel Basin north of SH 183	033000101	1	Benefit categories include resilience, U.N. Sustainable Development Goals, Transportation	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in 2 wider benefit categories	4	\$ 15,197	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

Project Name	FMP ID	Score 12: Admin, Regulatory Obstacles			Score 13: Environmental Benefit			Score 14: Environmental Impact			Traffic Count for LWC Project	Notes 15
		Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking	Score 14		
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	0	Answer selected based on project description	Project has no adverse environmental impacts	10	30906	TxDot Data
Town Creek Railroad and S. Warren Street Improvements	033000090		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Saturn Springs Estates Drainage Improvements	033000091	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Terrell KC1 Watershed Drainage Improvements	033000092		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Lois Branch Main Channel Improvements	033000094	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project will deliver a low level of environmental benefits (1 category)	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
DMP Phase 1: Kirven Avenue (Project 1)	033000095		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Estates Drive Bridge Replacement	033000096	Answer based on project description and indication of restrictions	Project has a typical number of administrative, regulatory and limitations / requirements	6	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
PEC-4 Phases 3&4	033000097		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Kingstree Rd Drainage Improvements	033000098		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	Answer based on project description and indication of restrictions	Project has few administrative, regulatory and implementation limitations / requirements	10	Answer selected based on project description	Project does not provide any environmental benefits	0	Answer selected based on project description	Project has no adverse environmental impacts	10	N/A	No Low Water Crossings in project area
Channel improvement on Brockbank Channel Basin north of SH 183	033000101		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		

Project Name	Score 15: Mobility			Score 16: Regional		
	FMP ID	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
Arlington Johnson Creek - Collins Street and Division Street Buyout	033000089	Project provides no change to major, minor, or emergency access routes in the project area.	0			
Town Creek Railroad and S. Warren Street Improvements	033000090	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Saturn Springs Estates Drainage Improvements	033000091	Project will protect all major access routes in floodplain and all emergency service access. Minor access routes are still flooded or have restricted access in local areas.	7			
Terrell KC1 Watershed Drainage Improvements	033000092	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Lois Branch Main Channel Improvements	033000094	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
DMP Phase 1: Kirven Avenue (Project 1)	033000095	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Estates Drive Bridge Replacement	033000096	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
PEC-4 Phases 3&4	033000097	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Kingstree Rd Drainage Improvements	033000098	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
Arlington Upper Village VC(A)-5 Channel & Culvert Improvements	033000100	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Channel improvement on Brockbank Channel Basin north of SH 183	033000101	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			

General Project Data										
Project Name	FMP ID	Project Description:	Flood Region	Project Type	FIUP Project Category	Project Watershed	Rural Applicant	Project Cost	Benefit Cost Ratio	Cost per Structure Removed
Plantation Ridge Channel Improvements	033000107	Proposed 40' natural channel connecting Prairie Meadow and Helms Trail. Also includes significant improvements to culverts and new drainage ditches to protect residential lots from offsite flooding.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Anthony Branch-Buffalo Creek, Middle Big Brushy Creek	N	\$7,966,000	1.30	\$1,992,000
CR-243 Drainage Improvements	033000108	Proposed culvert upgrades and roadside drainage ditch improvements to reduce roadway overtopping along County Road 243.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	High Point Creek, Middle Big Brushy Creek, Headwaters Kings Creek	N	\$4,767,000	0.60	N/A
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109	Proposed culvert upgrades and grading improvements to reduce roadway overtopping along Valley View Road and Ranch Road near Ravenhill Road intersection.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Long Branch-Buffalo Creek, Mustang Creek-East Fork Trinity River	N	\$6,691,000	0.60	N/A
CR-4116 Drainage Improvements	033000110	Proposed upgrades to roadway drainage ditches and culverts along CR4116 to reduce structural inundation on both sides of the road. Includes additional collection channels to direct flow around existing structures.	Trinity Region	Infrastructure (channels, ditches, ponds, stormwater pipes, etc.)	Category 2	Headwaters Old Channel East Fork Trinity River	N	\$8,019,000	0.10	N/A

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Project Name	FMP ID	Pre-Project Level-of-Service	Post-Project Level-of-Service	# of Structures in 1% Annual Chance FP (Pre-Project)	Project Status	Score 1: Severity - Pre-Project Average Depth of Flooding (100-year)				Score 2: Severity - Communi		
						Average Flood Depth (100yr)	Notes	Severity Ranking: Pre-Project Average Depth of Flooding (100-year)	Score 1	Communities Served by Project	Community Population Served	Flood Plain Population
Plantation Ridge Channel Improvements	033000107	<2-yr	10-yr	196	Planning	0.43		Baseline average flood depth < 0.5ft	#N/A	1	3,005	604
CR-243 Drainage Improvements	033000108	<2-yr	100-yr	70	Planning	0.91		Baseline average flood depth > 0.5ft	#N/A	1	350	167
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109	<10-yr	100-yr	20	Planning	0.86		Baseline average flood depth > 0.5ft	#N/A	1	8,870	70
CR-4116 Drainage Improvements	033000110	<2-yr	100-yr	62	Planning	0.44		Baseline average flood depth < 0.5ft	#N/A	1	3,325	146

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Project Name	Community Need (% Population)			Score 3: Flood Risk Reduction				Score 4: Flood Damage Reduction				
	FMP ID	Notes 2	Severity Ranking: Community Need (% Population)	Score 2	# of Structures Removed from 1% Annual Chance FP	Notes 3	Flood Risk Reduction	Score 3	# of Structures with Reduced 1% Annual Chance Flood Risk	Pre-Project Damage \$	Post-Project Damage \$	Notes 4
Plantation Ridge Channel Improvements	033000107	20.10%	<25% of project community affected		4	0%	Reduced risk to <10% of structures in floodplain		121	\$ 4,250,004	\$ 721,771	83%
CR-243 Drainage Improvements	033000108	47.71%	25%-50% of project community affected		0	0%	Reduced risk to <10% of structures in floodplain		10	\$ 1,431,155	\$ 195	100%
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109	0.79%	<25% of project community affected		0	0%	Reduced risk to <10% of structures in floodplain		0	\$ 3,261,850	\$ -	100%
CR-4116 Drainage Improvements	033000110	4.39%	<25% of project community affected		0	0%	Reduced risk to <10% of structures in floodplain		28	\$ 622,712	\$ 234,109	62%

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Project Name	FMP ID	Flood Damage Reduction	Score 4	Score 5: Critical Facilities Damage Reduction				Score 6: Life and Safety				
				# of Critical Facilities Removed from 1% Annual Chance FP	Notes 5	Reduction in Critical Facilities Flood Risk	Score 5	Adjusted Injury Risk (%)	Notes 6	Life and Safety Ranking (Injury/Loss of Life)	Score 6	Water Supply Benefit in Acre-Feet
Plantation Ridge Channel Improvements	033000107	Flood damage reduction > 75%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain		30.19	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >30%		0
CR-243 Drainage Improvements	033000108	Flood damage reduction >95%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain		46.94	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%		0
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109	Flood damage reduction >95%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain		46.13	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >40%		0
CR-4116 Drainage Improvements	033000110	Flood damage reduction > 50%	10	0	Project region has recommended >25% of total projects	Reduced risk for 0 structures in floodplain		21.84	See "Life and Safety Tabular Data" Tab	Life/injury risk percentage >20%		0

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Project Name	Score 7: Water Supply						Score 8: Social Vulnerability				Score 9: Nature-Based Solution		
	FMP ID	SourceID	WMS_ID	Notes 7	Water Supply Yield Ranking	Score 7	SVI Score	Notes 8	Social Vulnerability Ranking	Score 8	% Nature Based Solution by Cost	Notes 9	Nature-Based Solutions Ranking
Plantation Ridge Channel Improvements	033000107	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.21		SVI between 0.01-0.25 (low vulnerability)	1	0.00%		<25% of the project cost is nature-based
CR-243 Drainage Improvements	033000108	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.43		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0.00%		<25% of the project cost is nature-based
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.22		SVI between 0.01-0.25 (low vulnerability)	1	0.00%		<25% of the project cost is nature-based
CR-4116 Drainage Improvements	033000110	N/A	N/A	Project does not indicate any positive or negative impact on water supply	No impact on water supply	0	0.34		SVI between 0.25-0.5 (low to moderate vulnerability)	4	0.00%		<25% of the project cost is nature-based

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Project Name	FMP ID	Score 9	Score 10: Multiple Benefites				Score 11: O&M			
			Multiple Benefits Description	Notes 10	Multiple Benefit Ranking	Score 10	O&M Cost (Annual)	Notes 11	Operations and Maintenance Ranking	Score 11
Plantation Ridge Channel Improvements	033000107	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 7,966	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
CR-243 Drainage Improvements	033000108	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 4,767	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 6,691	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7
CR-4116 Drainage Improvements	033000110	1	Benefit categories include U.N. Sustainable Development Goals	Answer based on project description and Section 3.9 of TWDB Exhibit C.	Project delivers benefits in only 1 wider benefit category	1	\$ 8,019	Assumed 0.1% for O&M cost	Project requires regular, ongoing operation and maintenance; and/or O&M requirements are well defined (Regular);	7

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Project Name	FMP ID	Score 12: Admin, Regulatory Obstacles			Score 13: Environmental Benefit			Score 14: Environmental Impact			Traffic Count for LWC Project	Notes 15
		Notes 12	Administrative, Regulatory and Other Obstacle Ranking	Score 12	Notes 13	Environmental Benefit Ranking	Score 13	Notes 14	Environmental Impact Ranking	Score 14		
Plantation Ridge Channel Improvements	033000107		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
CR-243 Drainage Improvements	033000108		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		
CR-4116 Drainage Improvements	033000110		Project has a typical number of administrative, regulatory and limitations / requirements	6	None	Project does not provide any environmental benefits	0		Project has no adverse environmental impacts	10		

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Project Name	Score 15: Mobility			Score 16: Regional		
	FMP ID	Mobility Ranking	Score 15	Project Count	Regional Ranking	Score 16
Plantation Ridge Channel Improvements	033000107	Project will protect some major access routes in floodplain and the majority (>50%) of emergency service access. Some major and many minor access routes will remain flooded, and emergency services access may be restricted in some areas	4			
CR-243 Drainage Improvements	033000108	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
Valley View/Ravenhill-Devonshire Drainage Improvements	033000109	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			
CR-4116 Drainage Improvements	033000110	Project will protect major and minor access routes in floodplain and emergency service access to EMS, police stations, and fire stations. Allows emergency services access to the entire administrative area.	10			

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