

Table 16: Recommended Flood Mitigation Projects by RFFG

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	Entities with Oversight	Emergency Need (Y/N)	Estimated Project Cost (2020 \$)	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)	RFFG Recommendation (Y/N)	Reason for Recommendation
033000111	Fort Worth Central City Flood Control Project	1.5 mi bypass channel to reroute flood waters near downtown area. Where bypass channel and original river intersect, 3 isolation gates will be installed. Includes stormwater pump station on the northeast side of the interior area near the TRWD gate	03000013, 03000014, 03000031, 03000032	Tarrant	12030102	120301020105, 120301020501, 120301020307	Farmers Branch - West Fork Trinity River, Lake Como - Clear Fork Trinity River, Marine Creek - West Fork Trinity River	Infrastructure	0.75	Riverine	Tarrant Regional Water District	Tarrant Regional Water District	N	\$1,165,571,000	Federal, State, Local	\$14,943,217.95	0%	N	N	N	1.98	0.37	Y	Action aligns with goals and meets TWDB guidance
033000112	Mary's Creek Flood Control Reservoir	The Mary's Creek Flood Control Reservoir (MCFCR) is a dry detention reservoir for flood damage reduction and open space preservation with opportunities for regional recreation, increased property values, heat island reduction, and streamlined development.	03000013,03000014, 03000021, 03000022, 03000027,03000028	Tarrant	12030102	120301020306, 120301020307	Mary's Creek, Lake Como-Clear Fork Trinity River	Regional Detention	63.26	Riverine	Tarrant Regional Water District	Tarrant Regional Water District	N	\$178,559,000	State, Local	\$1,206,480.00	70%	N	N	N	1.25	0.39	Y	Action aligns with goals and meets TWDB guidance
033000113	Barron Avenue and Porter Street Drainage Improvements	Channel improvement along South Fork Chambers Creek south of Barron Ave.	03000013, 03000014, 03000031, 03000032	Tarrant	12030102	120301020404	Wildcat Branch-Lake Arlington	Infrastructure	2.46	Riverine	Everman	Everman	N	\$3,700,000	State, Local	\$160,000.00	10%	N	N	N	4.5	0.7585	Y	Action aligns with goals and meets TWDB guidance
033000114	E. Enon Eve and Forest Hill Drive Improvements	Roadway, bridge, and channel improvements for Chambers Creek	03000013, 03000014, 03000029, 03000030, 03000031, 03000032	Tarrant	12030102	120301020404	Wildcat Branch-Lake Arlington	Comprehensive Regional Project	5.43	Riverine	Everman	Everman	N	\$13,200,000	State, Local	\$980,000.00	0.2%	N	N	N	0.14	0.7585	Y	Action aligns with goals and meets TWDB guidance
033000115	Race Street and Christie Avenue Drainage Improvements	Increase conveyance for Race Street crossing to avoid hazardous overtopping. Channel improvement along South Fork Chambers Creek south of Christie Ave.	03000013, 03000014, 03000029, 03000030, 03000031, 03000032	Tarrant	12030102	120301020404	Wildcat Branch-Lake Arlington	Comprehensive Regional Project	2.24	Riverine	Everman	Everman	N	\$18,100,000	State, Local	\$170,000.00	5%	N	N	N	1.84	0.7585	Y	Action aligns with goals and meets TWDB guidance
033000116	West Potomac Drainage Improvements	Upsize and install 3100 LF of storm pipe and 36 curb inlets to capture and convey peak flow within the Town right-of-way.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Infrastructure	0.13	Urban	Highland Park	Highland Park	N	\$2,773,000	State, Local	\$7,000,000.00	0%	N	N	N	0.12	0	Y	Action aligns with goals and meets TWDB guidance

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033000117	Dartmouth Drainage Improvements	Upsize and install 2050 LF of storm pipe and 9 curb inlets to capture and convey peak flow within the Town right-of-way.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Infrastructure	0.02	Urban	Highland Park	Highland Park	N	\$2,329,000	State, Local	\$10,000,000.00	0%	N	N	N	0.34	0.06	Y	Action aligns with goals and meets TWDB guidance
033000118	Airline Drainage Improvements	Upsize and install 3500 LF of storm pipe and 19 curb inlets to capture and convey peak flow within the Town right-of-way.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Infrastructure	0.03	Urban	Highland Park	Highland Park	N	\$3,139,000	State, Local	\$7,000,000.00	0%	N	N	N	0.13	0.01	Y	Action aligns with goals and meets TWDB guidance
033000119	East Potomac Drainage Improvements	Upsize and install 1700 LF of storm pipe and 6 curb inlets to capture and convey peak flow within the Town right-of-way.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Infrastructure	0.06	Urban	Highland Park	Highland Park	N	\$1,742,000	State, Local	\$4,000,000.00	0%	N	N	N	0.05	0.06	Y	Action aligns with goals and meets TWDB guidance
033000120	Lomo Alto Drainage Improvements	Upsize and install 16,000 LF of storm pipe and 68 curb inlets to capture and convey peak flow within the Town right-of-way.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Infrastructure	0.20	Urban	Highland Park	Highland Park	N	\$21,453,000	State, Local	\$29,000,000.00	0%	N	N	N	0.55	0.04	Y	Action aligns with goals and meets TWDB guidance
033000121	Douglas and Beverly Drainage Improvements	Upsize and install 7000 LF of storm pipe and 11 curb inlets to capture and convey peak flow within the Town right-of-way.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Infrastructure	0.13	Urban	Highland Park	Highland Park	N	\$7,906,000	State, Local	\$14,000,000.00	0%	N	N	N	0.07	0.05	Y	Action aligns with goals and meets TWDB guidance
033000122	Wycliffe Transportation Project	Remove the existing morning-glory spillway and construct a weir embankment, bridge crossing, and receiving concrete channel to contain and convey flow within Turtle Creek during peak storm events.	03000013, 03000014, 03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Comprehensive Regional Project	0.01	Riverine	Highland Park	Highland Park	Y	\$21,392,000	State, Local	\$2,000,000.00	0%	N	N	N	0	0.01	Y	Action aligns with goals and meets TWDB guidance
033000123	Hackberry Creek Phase 1	Upsize existing Beverly Drive crossing in order to contain 100-year storm event.	03000031, 03000032	Dallas	12030105	120301050101	Turtle Creek	Low Water Crossing or Bridge Improvement	<0.01	Riverine	Highland Park	Highland Park	N	\$1,500,000	State, Local	N/A	0%	N	N	N	0	0	Y	Action aligns with goals and meets TWDB guidance
033000124	Forest Hill Regional Detention	Proposed regional detention pond and associated storm drain infrastructure. Upsizing of existing channels, storm drain, and inlets. This project includes: phased implementation and utility relocations.	03000013, 03000014, 03000021, 03000022, 03000027, 03000028	Tarrant	12030102	120301020404	Wildcat Branch-Lake Arlington	Comprehensive Regional Project	0.43	Urban	Forest Hill	Forest Hill	N	\$39,600,000	State, Local	\$167,000.00	0%	N	N	N	1	1	Y	Action aligns with goals and meets TWDB guidance

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033000125	Tri City Cutoff Gully Culvert Improvements	Upsize FM 2354 culvert crossing and the culvert crossing at Cedar Folly Road. Channel improvements to be conducted for the segment of Tri-City Cutoff Gully downstream of FM 2354.	03000013, 03000014, 03000015, 03000016, 03000029, 03000030	Chambers	12040203	120402030106, 120402030200	Cedar Point Lateral Cedar Bayou, Cedar Bayou	Comprehensive Regional Project	1.00	Riverine, Coastal	Chambers	Chambers	Y	\$2,895,000	Unknown	\$1,447,500.00	0%	N	N	N	0.05	0.19	Y	Action aligns with goals and meets TWDB guidance; Formerly 031000471.
033000126	Frazier Gully Culvert Improvements	Widen and deepen Frazier Gully; upgrade the culvert crossing at FM 2354 to 4-8'x5' RCBS.	03000013, 03000014, 03000029, 03000030	Chambers	12040203	120402030106, 120402030200	Cedar Point Lateral Cedar Bayou, Cedar Bayou	Comprehensive Regional Project	3.00	Riverine, Coastal, Local	Chambers	Chambers	Y	\$6,238,000	Unknown	\$70,090.00	0%	N	N	N	0.88	0.19	Y	Action aligns with goals and meets TWDB guidance
033000127	Spring Branch Drainage Improvements	Construct a 7.5 acre detention pond along with various culvert upgrades to reduce flooding for the residential properties in the vicinity.	03000013, 03000014, 03000027, 03000028, 03000029, 03000030	Chambers, Liberty	12030203	120302030203, 120302030204, 120302030202	Cow Island Bayou, Turtle Bayou, Crooked Marsh-Whites Bayou	Comprehensive Regional Project	8.00	Riverine	Chambers	Chambers	Y	\$17,616,000	Unknown	\$2,936,000.00	0%	N	N	N	0.04	0.38	Y	Action aligns with goals and meets TWDB guidance
033000128	Hankamer Drainage Improvements	Conduct channel improvements to Whites Bayou, Spring Branch, the unnamed channel segment between HWY 61 and Spring Branch as well as the channel south of IH-10. Crossing under IH-10 to be upsized to reduce restriction of flow.	03000013, 03000014, 03000015, 03000016, 03000029, 03000030	Chambers, Liberty	12040202, 12030203	120402020100, 120302030204, 120302030202	East Fork Double Bayou, Turtle Bayou, Crooked Marsh-Whites Bayou	Comprehensive Regional Project	22.00	Riverine	Chambers	Chambers	Y	\$29,900,000	Unknown	\$1,150,000.00	0%	N	N	N	0.05	0.28	Y	Action aligns with goals and meets TWDB guidance
033000129	Spring Creek Gully Detention	Construct channel improvements and upsize culvert crossing under Gou Hole Rd. to feed into a proposed detention pond that will alleviate flooding impacts for the nearby neighborhood.	03000013, 03000014, 03000015, 03000016, 03000027, 03000028, 03000029, 03000030	Chambers	12030203	120302030307	Cotton Bayou-Frontal Trinity Bay	Comprehensive Regional Project	1.00	Riverine	Chambers	Chambers	Y	\$6,471,000	Unknown	\$588,273.00	0%	N	N	N	0.07	0.19	Y	Action aligns with goals and meets TWDB guidance; Formerly 031000476.
033000130	Hackberry-Gully Channel Improvements	Construct channel improvements along the length of Hackberry Gully and Cotton Bayou. Crossing improvements at FM 3180 and FM 565 will be required.	03000013, 03000014, 03000015, 03000016, 03000029, 03000030	Chambers	12040203	120402030105, 120402030106, 120302030306, 120302030307	Ellis Branch-Cedar Bayou, Cedar Point Lateral-Cedar Bayou, Lost River-Old River, Cotton Bayou-Frontal Trinity Bay	Comprehensive Regional Project	4.00	Riverine, Coastal, Local	Chambers	Chambers	Y	\$29,695,000	Unknown	\$140,735.00	0%	N	N	N	0.68	0.22	Y	Action aligns with goals and meets TWDB guidance; Formerly 031000475.

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033000131	FM 3180 Improvements	Construct channel improvements and crossing upgrades along McAdams Ditch to alleviate flooding impacts upstream of FM 3180 and for the residential properties immediately adjacent to McAdams Ditch.	03000013, 03000014, 03000029, 03000030	Chambers	12040203	120402030106, 120302030307, 120402030200	Cedar Point Lateral Cedar Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Comprehensive Regional Project	4.00	Riverine	Chambers	Chambers	Y	\$17,736,000	Unknown	\$1,043,294.00	0%	N	N	N	0.14	0.23	Y	Action aligns with goals and meets TWDB guidance; Formerly 031000120.
033000132	Skylane Gully Improvements	Construct a diversion channel from Skylane Gully to the western ditch to alleviate flooding for the nearby neighborhood. The ditch is to be widened and accompanied by improvements to its intersecting crossings to be able to handle the increased flow.	03000013, 03000014, 03000029, 03000030	Chambers	12040203	120402030106, 120302030307, 120402030200	Cedar Point Lateral Cedar Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Comprehensive Regional Project	1.00	Riverine	Chambers	Chambers	Y	\$3,967,000	Unknown	\$1,322,333.00	0%	N	N	N	0.13	0.19	Y	Action aligns with goals and meets TWDB guidance; Formerly 031000472.
033000133	Old River/Cove Channel Improvements	Install channel improvements near FM 3246 and a detention pond north of a tributary to Old River Lake.	03000013, 03000014, 03000027, 03000028, 03000029, 03000030	Chambers	12040203	120402030106, 120302030307, 120402030200	Cedar Point Lateral Cedar Bayou, Cotton Bayou-Frontal Trinity Bay, Cedar Bayou	Comprehensive Regional Project	0.00	Riverine	Chambers	Chambers	Y	\$7,385,000	Unknown	\$194,342.00	0%	N	N	N	0.76	0.21	Y	Action aligns with goals and meets TWDB guidance
033000134	Sunset Heights Neighborhood and Downtown Dayton Improvements	Improve the roadside ditches and channel around the Sunset Heights neighborhood to better convey the sheet flow coming from the north. Crossing at CR 493 and SH 146 will be updated to better convey flow.	03000013, 03000014, 03000029, 03000030	Liberty	12030203	120302030301, 120302030302	Linney Creek-Trinity River, West Prong Old River	Infrastructure	10.00	Riverine	Dayton	Liberty	Y	\$5,343,000	Unknown	\$890,500.00	0%	N	N	N	0.34	0.52	Y	Action aligns with goals and meets TWDB guidance
033000135	Lawrence Street Improvements	Improve culvert crossing at N. Winfree St and install trunkline downstream under the existing ditch along Lawrence Street. Laterals to be installed connecting the trunkline with Manor Street, Chester Street, Holbrook Street, and Pearl Street.	03000013, 03000014, 03000021, 03000022, 03000029, 03000030	Liberty	12030203	120302030301, 120302030302	Linney Creek-Trinity River, West Prong Old River	Comprehensive Regional Project	3.00	Riverine	Dayton	Liberty	Y	\$6,918,000	Unknown	\$96,083.00	0%	N	N	N	0.61	0.64	Y	Action aligns with goals and meets TWDB guidance
033000136	Arlington Johnson Creek - JC-12 Buyouts	Removal of four (4) structures along Stream JC-12 in the City of Arlington. No channel improvements planned.	03000013, 03000014, 03000021, 03000022, 03000027, 03000028	Tarrant	12030102	120301020702	Johnson Creek	Property or Easement Acquisition	0.01	Riverine	Arlington	Arlington	N	\$3,256,000	State, Local	\$813,882.50	100%	N	N	N	0.4	0.91	Y	Action aligns with goals and meets TWDB guidance
033000137	Arlington Johnson Creek - JC-10 Buyouts	Acquisition of nineteen (19) structures within the City of Arlington. No channel improvements planned.	03000013, 03000014, 03000021, 03000022, 03000027, 03000028	Tarrant	12030102	120301020702	Johnson Creek	Property or Easement Acquisition	0.16	Riverine	Arlington	Arlington	N	\$2,258,000	State, Local	\$118,846.47	100%	N	N	N	1	0.76	Y	Action aligns with goals and meets TWDB guidance