

Item No.	Project Description	Database ID No.	BES	Previous Expenditures			2018			2019			2020			2021			2022			2023			Total				
				Phase	Amount	Source	Phase	Amount	Source	Phase	Amount	Source	Phase	Amount	Source	Phase	Amount	Source	Phase	Amount	Source	Phase	Amount	Source					
RIVER & FLOOD																													
20	Marietta Acquisition -- Acquire properties in repetitive flood loss area	07-002	79.6	RW	\$ 317,000	FCZD	RW	\$ 84,000	FCZD				RW	\$ 100,000		RW	\$ 100,000		RW	\$ 100,000		RW	\$ 100,000	Total through 2018: \$ 2,070,000 FCZD Total: \$ 575,000					
				RW	\$ 696,000	FEMA Fed/State grant	RW	\$ 237,000	FEMA Fed/State grant																				
				RW	\$ 117,000	ESRP grant																							
				CN	\$ 151,000	FCZD	CN	\$ 23,000	FCZD	CN	\$ 25,000		CN	\$ 25,000		CN	\$ 25,000		CN	\$ 25,000		CN	\$ 25,000			CN	\$ 25,000		
				CN	\$ 255,000	FEMA Fed/State grant	CN	\$ 162,000	FEMA Fed/State grant																				
21	Deming Levee Improvement -- Realign and improve upstream portion of levee to protect Deming (SWIF project)	07-106	73.8	PE	\$ 586,000	REET	PE			PE			PE			PE			PE			PE		Project Total: \$3,361,000 FCZD Total: \$621,000					
				PE	\$ 228,000	DOE grant	PE			PE			PE			PE			PE			PE				PE			
				RW	\$ 64,000	FCZD	RW			RW			RW			RW			RW			RW				RW			
				CN	414,000	REET	CN	\$ 60,000	FCZD	CN			CN			CN			CN			CN				CN			
				CN	1,212,000	DOE grant	CN			CN			CN			CN			CN			CN				CN			
				CN	300,000	NOAA grant	CN			CN			CN			CN			CN			CN				CN			
22	Marine Drive Levee Repair -- Repair eroded areas of levee crest and backslope	15-004	61.4	PE	\$ 23,000	FCZD	PE	\$ 25,000	FCZD	PE			PE			PE			PE			PE		Project Total: \$223,000 FCZD Total: \$193,000					
				RW			RW			RW			RW			RW			RW			RW							
				CN			CN	\$ 30,000	WDFW	CN			CN			CN			CN			CN				CN			
23	High Creek -- Recommended projects to address ongoing sedimentation	07-125	57.1	PE	\$ 338,000	FCZD	PE	\$ 66,000	FCZD	PE			PE			PE			PE			PE		Project Total: \$1,818,000					
				RW			RW			RW			RW			RW			RW			RW							
				CN	\$ 74,000	FCZD	CN	\$ 1,340,000	FCZD	CN			CN			CN			CN			CN				CN			
24	Rayhorst Levee Improvements -- Widen levee crest and flatten backslope (SWIF project)	16-001	60.5	PE			PE	\$ 20,000	FCZD	PE			PE			PE			PE			PE		Project Total: \$80,000					
				RW			RW			RW			RW			RW			RW			RW							
				CN			CN	\$ 60,000		CN			CN			CN			CN			CN				CN			
25	Red River Levee Stabilization -- Restore levee prism and bank protection (SWIF project)	16-004	52.9	PE			PE	\$ 25,000	FCZD	PE	\$ 5,000		PE			PE			PE			PE		Project Total: \$180,000					
				RW			RW			RW			RW			RW			RW			RW							
				CN			CN			CN	\$ 150,000		CN			CN			CN			CN				CN			
26	Twin View Levee Improvements -- Widen levee crest and flatten backslope (SWIF project)	16-002	50.3	PE			PE			PE			PE	\$ 20,000		PE			PE			PE		Project Total: \$80,000					
				RW			RW			RW			RW			RW			RW			RW							
				CN			CN			CN	\$ 60,000		CN			CN			CN			CN				CN			
27	Lynden Levee Improvement -- Combine drainages and replace two culverts through levee with one larger culvert (SWIF project)	16-003	64.5	PE			PE	\$ 150,000	FCZD	PE	\$ 200,000		PE	\$ 50,000		PE			PE			PE		Project Total: \$1,950,000					
				PE			PE			PE			PE	\$ 50,000		PE			PE			PE							
				RW			RW			RW			RW			RW	\$ 1,500,000		RW			RW				RW			
				CN			CN			CN			CN			CN			CN			CN				CN			
28	Bertrand Creek Levee Stabilization -- Restore right and left levee prisms and install bank protection (SWIF project)	16-005	54.4	PE			PE			PE			PE	\$ 20,000		PE	\$ 15,000		PE	\$ 15,000		PE		Project Total: \$185,000					
				RW			RW			RW			RW			RW			RW			RW							
				CN			CN			CN			CN			CN			CN	\$ 150,000		CN	\$ 150,000			CN			
				CN			CN			CN			CN			CN			CN			CN				CN			
29	Upper Hampton Levee Improvements -- Widen levee crest and flatten backslope at two sites and address seepage at a third site (SWIF project)	16-006	70.4	PE			PE			PE			PE			PE	\$ 25,000		PE	\$ 25,000		PE	\$ 50,000						
				RW			RW			RW			RW			RW			RW			RW	\$ 75,000			RW	\$ 75,000		
				CN			CN			CN			CN			CN			CN			CN				CN			
30	Abbott Levee Upstream Tie-In -- Extend and realign upstream end of levee (SWIF project)	16-007	70.4	PE			PE			PE			PE			PE	\$ 25,000		PE	\$ 25,000		PE	\$ 50,000						
				RW			RW			RW			RW			RW			RW			RW	\$ 25,000			RW	\$ 25,000		
				CN			CN			CN			CN			CN			CN			CN				CN			
31	Neevel Levee Bank Stabilization -- Stabilize oversteepened section of levee (SWIF project)	16-008	49.3	PE			PE			PE			PE			PE	\$ 20,000		PE	\$ 20,000		PE	\$ 20,000	Project Total: \$190,000					
				CN			CN			CN			CN			CN			CN			CN	\$ 150,000			CN	\$ 150,000		
32	Reach 4 Floodplain Acquisition -- Acquire floodway property within Reach 4 to enable future levee reconfiguration	07-002	79.6	RW	\$ 49,000	FCZD	RW	\$ 20,000	FCZD	RW			RW	\$ 1,000,000		RW	\$ 1,000,000		RW			RW							
				RW			RW			RW			RW			RW			RW			RW				RW			
33	Jones Creek Debris Flow Protection --Construct deflection berm and address local access	07-105	70.6	PE	\$ 317,000	FCZD	PE	\$ 250,000	FCZD	PE	\$ 100,000		PE	\$ 50,000		PE			PE			PE							
				RW	\$ 86,000	FCZD	RW	\$ 100,000	FCZD	RW	\$ 500,000		RW	\$ 100,000		RW			RW			RW				RW			
				RW	\$ 350,000	FEMA/State grant																							
				CN	\$ 26,000	FCZD	CN			CN			CN			CN	\$ 1,000,000		CN	\$ 1,500,000		CN	\$ 1,500,000			CN			
				CN	\$ 13,000	FEMA/State grant	CN			CN			CN			CN			CN			CN				CN			
34	Ferndale Levee Improvement -- Reconstruct and realign Ferndale and Treatment Plant Levees to improve level of protection and address deficiencies	07-104	68.9	PE			PE	\$ 230,000	FCZD	PE	\$ 225,000		PE	\$ 250,000		PE	\$ 600,000		PE	\$ 140,000		PE	\$ 100,000	Est. Design Total: \$1,445,000 3-year construction Total/year: \$325,000					
				RW			RW			RW			RW			RW			RW	\$ 100,000		RW	\$ 100,000			RW	\$ 100,000		
				CN			CN			CN			CN			CN			CN	\$ 150,000		CN	\$ 150,000			CN	\$ 2,300,000		
				CN			CN			CN			CN			CN			CN			CN				CN			
35	Emergency/New Projects -- Typically repair projects that result from new damage, as needed	08-003	Varies	PE			PE	\$ 25,000	FCZD	PE	\$ 25,000		PE	\$ 25,000		PE	\$ 25,000		PE	\$ 25,000		PE	\$ 25,000						
				RW			RW			RW			RW			RW			RW			RW				RW			
				CN			CN	\$ 250,000	FCZD	CN	\$ 250,000		CN	\$ 250,000		CN	\$ 250,000		CN	\$ 250,000		CN	\$ 250,000			CN	\$ 250,000		
				CN			CN	\$ 50,000	Local sponsor	CN	\$ 50,000		CN	\$ 50,000		CN	\$ 50,000		CN	\$ 50,000		CN	\$ 50,000			CN	\$ 50,000		
NOTE: Numbers in <i>italics</i> are placeholders for projects still being conceived.																													
NOTE: REET funds used in the Deming Levee project are in the Flood fund balance.																													