

**DRAFT****Flood Control Zone 9 - Ross Valley****DRAFT - FY2017-18 Capital Improvement Projects (CIP) Work Plan Summary**

**NOTE:** DRAFT CIP Work Plan Summary includes only baseline measures as outlined in the Program Costs & Estimates spreadsheet that will incur expenses from active work performed during FY17/18. Other Program-related expenses and activities will be outlined in the DRAFT FY17/18 Budget, to be presented at upcoming Zone 9 AB Meeting.

Ref#	Program Element/Project	Description	Lead Agency	FY17-18 Milestone	Estimated FY 17/18 Expenditure	Funding Source
1	San Anselmo Flood Risk Reduction Project	Considers program elements including former Sunnyside Nursery Site Detention Basin, removal of buildings over San Anselmo Creek, creek improvements from downtown San Anselmo to Town of Ross and bike lane on Sir Francis Drake Blvd along Form Nursery site frontage.	Flood Control District	1) Complete Project EIR 2) Finalize Project Description 3) Conduct Community Meetings 4) Complete Property Acquisition	\$3,925,000	DWR Grant, FZ9 Watershed Fee
2	Phoenix Lake IRWM Project	Phoenix Lake Integrated Regional Water Management (IRWM) Retrofit Project involves modifying the Phoenix Lake dam, spillway, outlet works and other nearby facilities to reduce flood risk. Increase water storage, improve water quality, improve the ecosystem and improve public amenities in and around Phoenix Lake.	Flood Control District	1) Finalize DWR Grant Scope Amendment 2) Complete Program EIR 3) Finalize Project Description and Complete Project EIR (CEQA) 4) Conduct Public Engagement	\$1,630,000	DWR Grant, FZ9 Watershed Fee
3	Azalea Ave Bridge Replacement	Removal and replacement of bridge over Fairfax Creek	Town of Fairfax	1) Complete Concept Design 2) Initiate CEQA 3) Conduct Public Engagement	\$68,000	Cal Trans. Grant, FZ9 Watershed Fee
4	Nokomis Ave Bridge Replacement	Removal and replacement of Nokomis Ave Bridge over San Anselmo Creek in Town of San Anselmo	Town of San Anselmo	1) Complete CEQA 2) Complete 30% Design 3) Conduct Public Engagement	\$54,000	Cal Trans. Grant, FZ9 Watershed Fee
5	Madrone Ave Bridge Replacement	Removal and replacement of Madrone Ave Bridge over San Anselmo Creek in Town of San Anselmo	Town of San Anselmo	1) Complete CEQA 2) Complete 30% Design 3) Conduct Public Engagement	\$59,000	Cal Trans. Grant, FZ9 Watershed Fee
6	Sycamore Ave (Center Blvd) Bridge Replacement	Removal of bridge at Sycamore Ave and replacement with a new bridge at Center Blvd over San Anselmo Creek in Town of San Anselmo	Town of San Anselmo	1) Acquire Caltrans funding to proceed with Preliminary 2) Initiate CEQA	\$65,000	Cal Trans. Grant, FZ9 Watershed Fee
7	Winship Ave Bridge Replacement	Removal and replacement of Winship Ave Bridge over San Anselmo Creek in Town of Ross	Town of Ross	1) Complete CEQA 2) Complete 30% Design 3) Conduct Public Engagement	\$50,000	Cal Trans. Grant, FZ9 Watershed Fee

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8	Lower Corte Madera Creek Improvement Project	Remove accumulated sediment from lower sections of Corte Madera Creek, Larkspur, Greenbrae. Add storm drain pump station and storm drain line in Larkspur, Hillview neighborhood. Evaluate existing levees along Corte Madera Creek and perform Kentfield Gardens drainage study.	Flood Control District, City of Larkspur (pump station/storm drain line in Hillview)	1) Sign DWR grant agreement 2) Bathymetric and land survey 3) H&H analyses of channel and geotechnical exploration at locations along creek 4) Geomorphic Dredge Study Report	\$250,000	DWR Grant, FZ9 Watershed Fee, Cal Trans bridge funding to City
9	Corte Madera Creek Units 2, 3 & 4 Project	Improve existing concrete and earthen channel from Sir Francis Drake Blvd Bridge in Ross extending to downstream end of concrete channel. Measures may include removal of existing fish ladder, smooth transition at upstream end of concert channel, remove constrictions, top of bank and offset floodwalls, bypass channels and creek restoration.	US Army Corps of Engineers	1) Complete analysis of alternatives and present in public meetings/workshops 2) Determine alternative with best cost: benefit ratio (NED plan) and/or Locally Preferred Plan to decide on Tentatively Selected Plan (TSP). 3) TSP to USACE Headquarters and reach Agency Decision Milestone.	\$740,000	US Army Corp of Engineers, DWR Grant, FZ9 Watershed Fee, Other Zone 9a Funds

**Total Estimated Draft FY 17/18 Work Plan CIP Expenditures: \$6,841,000**