

FLOOD ZONE 9 ADVISORY BOARD MEETING
SEPTEMBER 16, 2014
SAN ANSELMO TOWN COUNCIL CHAMBERS
STAFF REPORT

Item 1. Approval of meeting minutes for July 15, 2014

Action by Board: Advisory Board members will review meeting minutes from the July 15, 2014 meeting, make corrections, and approve the minutes as corrected.

Item 2. Open time for items not on the agenda

Comments will be heard for items not on the agenda (limited to three minutes per speaker).

Item 3. Ross Valley Flood Protection and Watershed Program Update

a) Annual Community Meeting Planning

The Annual Community Meeting is tentatively planned for mid-December 2014. Detention basin projects were the focus of the community meeting held last year at Sir Francis Drake High School. This year, the meeting will focus on other topics, including how all the projects work together as a system, while also providing updates to projects within the Program's 10-Year Work Plan (Work Plan).

b) Technical Working Group (TWG)

The next TWG meeting is tentatively planned for mid-November. Possible discussion topics include Corte Madera Creek Sediment Management project and Bridge Funding Agreements and Reimbursements. Peter Hogg and Sandra Guldman are current Advisory Board members assigned to the TWG.

c) Program Funding

The Ross Valley Flood Protection and Watershed Program (Program) has secured approximately \$28 Million in grant funds. The District is in the process of finalizing cost sharing agreements with the Town of San Anselmo and Town of Ross. The current Cost Estimate covering environmental and feasibility studies, design and construction of 10-year Work Plan Baseline Measures is included as **Attachment A** to this Staff Report.

Updated cost estimates provided by the Town of San Anselmo show that total costs for Nokomis Avenue Bridge, Madrone Avenue Bridge, and Center/Sycamore Avenue Bridge have all increased. The original cost estimates were based on the information provided in the grant application for each bridge. Updated cost estimates now include negotiated costs with engineering consultant to be awarded by Town of San Anselmo in near future.

In addition, the estimates assumed that project management duties and costs would be absorbed by the Town of Anselmo. Due to limited staff resources, the Town has hired a project management consultant to oversee these projects.

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The Town is pursuing additional funding from Caltrans to obtain reimbursement for additional costs.

d) Frequently Asked Questions

District staff has prepared a draft of Frequently Asked Questions (FAQ) to address some reoccurring questions raised by the public. This draft FAQ is an example of future public outreach activities on the horizon (see attachment).

e) Program Outreach

District staff will present a program overview to the City of Larkspur in late September or early October. District staff will present a program update to the Meadowland of Marin HOA on September 23 and respond to any questions.

f) Communications and Outreach Plan

A kickoff meeting with CirclePoint was held on August 5, 2014 to review the scope of services, administrative protocols, existing outreach measures by the District, and a general timeline.

As part of their initial task, six interviews with stakeholders were conducted. These phone interviews provided insight from a variety of different stakeholders throughout the Ross Valley. CirclePoint conducted these interviews during the weeks of August 18 and 25 and will prepare a detailed summary of results to help inform the preparation of the Communications and Outreach Plan. CirclePoint will also facilitate a planned review session with a small, focused group of representatives from the Ross Valley Flood Zone 9 Advisory Board, Technical Working Group, and Policy Advisory Committee. The goal of this session will be to survey the group's perceptions of the community's understanding of the Program and key issues related to specific projects in order to guide the development of a public education and participation program. This session is anticipated to be scheduled in late October or early November.

Action Item: *District staff requests that the Advisory Board designate one board member representative to participate in the planned review session.*

Combined with input provided at the reviewing session and the stakeholder interviews, CirclePoint will review all outreach and communication materials and methods to develop a set of recommendations in a Communications and Outreach Plan. The Draft Plan will come back to the Advisory Board in late 2014 or early 2015 for review and input. This Plan will be designed to assist District staff and Ross Valley stakeholders to more clearly address issues and concerns from the community in a more efficient and consistent manner.

In addition to the preparation of the Communication and Outreach Plan, CirclePoint will also provide materials for the Annual Community Meeting, review of project- and program-related outreach materials, assist with the preparation of the Annual Report, review and provide detailed recommendations on the Program website, and provide graphic design support to complement technical content developed by District staff.

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Item 4. Project Status Updates

The following section provides updates to the active projects within the Work Plan. A summary of project descriptions, cost estimates, and grant funding sources is included as **Attachment B** to this Staff Report. The summaries below describe more recent and upcoming tasks for each project.

a) Phoenix Lake Integrated Regional Water Management (IRWM) Retrofit Project

URS Corporation has prepared a Work Plan for the geotechnical field investigation which has been reviewed by MMWD and is currently being reviewed by the Division of Safety of Dams. It will be implemented starting in September 2014. Permits from the Army Corps of Engineers and Regional Water Quality Control Board have been obtained for the work. The California Department of Fish & Wildlife was contacted, but indicated no Agreement for Lake or Streambed Alteration was required.

On July 21, 2014, an email was sent by the Town of Ross to its residents alerting them of the upcoming geotechnical field investigation at Phoenix Lake.

Other feasibility studies in process include the Hydrologic Study of Long-Term Yield of Phoenix Lake, the Phoenix Lake Coordinated Operations Plan, the Ross Creek In-Stream Flow Study, and the Water Quality Baseline Study for both Phoenix Lake and Ross Creek. Results of these studies will be available on www.rossvalleywatersheds.org later this year.

District staff is working with CH2M-Hill to provide engineering and environmental services that will include developing an environmental compliance strategy to best serve the Phoenix Lake Project and the entire Ross Valley Watershed Flood Protection and Watershed Program (Program). Services will also include peer review of the geotechnical investigation and feasibility design to be performed by URS Corporation and a review of the process used to select the detention basins included in the program.

The Flood Control Program is based on a system of in-channel and storage elements to achieve 100-year flood protection, including approximately 650 acre-feet of storage volume distributed among five proposed detention basins. The size and location of these basins are instrumental in the success of the Program; therefore, the District will be requesting that CH2M-Hill perform a review of the process used to select the detention basin sites. This work will involve a high-level confirmation of hydrologic and hydraulic analyses performed by Stetson Engineers. Other tasks will include review of detention basin site selection criteria, including costs, ownership, environmental impacts and fatal flaw assumptions. This review will also incorporate results from recently performed geotechnical and environmental investigations at several sites.

The site selection review is a key component of a defensible programmatic CEQA environmental compliance strategy for the detention basins and other proposed program elements. At the same time, District staff is looking at ways to share information between projects during the environmental assessment phase of work and to conduct compliance activities as cost effectively as possible. The results of the detention basin site selection review and environmental compliance strategy will be summarized in a report and presented to the Advisory Board.

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The District is committed to sharing and discussing the recommended environmental strategy selection and the detention basin review process with the community and hearing comments and feedback. Public outreach opportunities will be carefully designed to clearly communicate the overall goals of the Program and the process used to date to define the project elements required to meet those program goals. Additionally, the next steps anticipated in the process, including the CEQA process, will be clearly described and opportunities for ongoing community input will be identified.

b) Memorial Park Dual-Use Facility

In April 2014, the Town of San Anselmo approved a grant funding agreement with the Department of Water Resources (DWR) that states DWR grant funds will cover fifty percent of the project cost (approximately \$8.75 million). The Town submitted a grant application to California Office of Emergency Services in May 2014 for \$3 million and is awaiting word if their application will gain further review by Federal Emergency Management Agency (FEMA).

At the Advisory Board Meeting (July 15, 2014) District staff was asked to investigate the validity of the groundwater monitoring data being collected at Memorial Park because there were concerns that the depth to groundwater was not normal during the monitoring period due to the prolonged drought. The following narrative provides a response to this request:

The groundwater monitoring for Memorial Park detention basin was performed from November 27, 2012 through January 22, 2013. A series of rainstorms occurred during this period with rain recorded during 15 days and the rainfall for four of the days exceeding 2 inches per day. The depth to groundwater averaged 4 feet to 7 feet at the four monitoring wells during this period. The proposed depth of excavation at the four wells will be approximately 9 feet to 11 feet; therefore, a subdrain system is required under the Memorial Park fields to keep the groundwater level below the proposed field level.

c) Lefty Gomez Field Dual-Use Facility

Similar to the Memorial Park project, preliminary investigations into the feasibility of a detention basin at the Lefty Gomez Field site have begun. The first phase included installation of groundwater monitoring wells and collection of soil samples. Work was performed during summer months and outside of sports camps to limit impacts to the school and youth activities. Monitoring of groundwater levels will occur between October 2014 and May 2015. Based on observations performed on August 13, 2014, the depth to groundwater at the five monitoring wells averaged 26 feet. The average proposed depth of excavation in Lefty Gomez Field will be approximately 16 feet. It is difficult to predict how much rain will occur this winter and how the groundwater will react. The sustained flow level in Fairfax Creek next to Lefty Gomez Field in "normal" winters can be used to provide a good correlation to typical groundwater depths in the field area. Based on this relationship, the average depth to groundwater is approximately 10 feet during the winter. A subdrain system will be required under Lefty Gomez Field to keep the groundwater level below the proposed field level. District staff will use available groundwater data, local knowledge, and sound engineering judgment to design the proposed subdrain system for Lefty Gomez detention basin.

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Additional work includes soil testing, a sediment loading analysis, conceptual design, and construction cost estimating. The goal of this work is to determine if the detention basin is feasible in this location, and to gather information and to prepare a preliminary cost estimate in order to pursue grant funds.

d) Loma Alta Dual-Use Facility

Two alternate locations are under consideration for the proposed project. The first location is in the Loma Alta open space area and the other location is at the northern end of White Hill Middle School. One location will be selected for preliminary investigation of feasibility. A preliminary biological reconnaissance survey is currently in process at both locations to help select which site will be investigated further. The reconnaissance includes database research and field investigations to observe habitat and/or signs of special status species and to observe wetlands within the location areas. After one location is selected, an investigation of feasibility which may include geotechnical investigation is planned.

A permit will be required from the Marin County Parks and Open Space District to carry out geotechnical investigations required for the feasibility study phase. This information will be used to bring the project to “grant-ready” status if it is selected. Likewise, an agreement with the Ross Valley School District will be required to carry out geotechnical investigation at the school facility site if it is selected. A subsequent agreement will be required before submitting a grant application for design, environmental review, and construction in the future.

e) Bridge Replacements in Town of San Anselmo

Building Bridge 2

The Town submitted applications for Flood Mitigation Assistance (FMA) 2014 funding in July and another grant opportunity under the FEMA Hazard Mitigation Grant Program 2014 in August. The Town is awaiting word if their application will gain further review by FEMA. A funding agreement between the Town and the District is currently being finalized to cover the full cost of the additional grant applications with Flood Fee funds for a total estimated cost of \$60,200.

Nokomis, Madrone, Sycamore/Center Boulevard Bridge Replacements

The Town of San Anselmo has received Caltrans' Authorization to Proceed, or E-76 approval, for the environmental and design phase for these projects, providing between 88.53% and 100% of eligible project cost. The pre-award audit process was completed by Caltrans and the contract with Quincy Engineering will be executed in September to complete the planning, design and environmental reports for the bridges. The kick-off project meeting is planned for late September after which work will proceed.

f) Winship Avenue Bridge Replacement in Town of Ross

The Town of Ross has received Caltrans' Authorization to Proceed, or E-76 approval, for the environmental and design phase for the Winship Avenue Bridge project, providing 100% of project eligible cost. The Town of Ross has commenced work on the environmental and design phase for the bridge replacement project. District staff is currently negotiating a funding agreement with the Town of Ross to cover project management and CEQA study

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services for the bridge replacement project.

g) Azalea Avenue Bridge Replacement in Town of Fairfax

The Town of Fairfax has applied for 100% of the project cost to be funded through Caltrans. The Town is waiting for the next fiscal year funding allocation to be released to find out if Azalea Avenue Bridge is included. This information should be released by Caltrans before the end of this year.

h) Corte Madera Creek Units 3 and 4 Project

District staff has been working with the Army Corp of Engineers to improve our chances of receiving federal funding for this project. Supervisor Rice travelled to Washington D.C. in late July to meet with USACE Headquarters, Office of Management and Budget, and the Senators staff to provide information about the project and request that we be included in both the 2015 workplan and 2016 Budget. Prior to the trip, District staff garnered and received numerous letters of support from the local Cities and Towns and other community groups which were presented to the legislators in Washington D.C. by Supervisor Rice.

District staff is currently planning a meeting with the newly appointed Lieutenant Colonel at the USACE San Francisco branch to inform him about the Units 3 and 4 project and to discuss the first phase of tasks to be performed when the project receives funding.

i) Corte Madera Creek Sediment Management

In August 2014, the District's consultant performed bathymetric surveys of the creek bottom and at discrete cross sections along the creek to estimate sediment accumulation since the last survey in 2010. The results of the survey showed minor accumulation since 2010.

j) Summer Maintenance Program

The District continues to coordinate annual creek maintenance activities throughout the Ross Valley. Last fall the District entered into five year creek maintenance agreements (2013/2014 through 2018/2019) with each of the four Ross Valley municipalities. Last year's creek maintenance program (2013/2014) focused on physical creek cleaning efforts within Towns of Fairfax and San Anselmo where a combined twenty maintenance sites were identified for either vegetation clearing or continued monitoring. Eight maintenance sites were identified within Town of Ross, and the Town sent letters of abatement to all privately maintained sites. The City of Larkspur plans to address sediment removal sites in subsequent years with regulatory permit support by District staff.

The Ross Valley Creek Maintenance Program Committee convened on August 18, 2014 at District offices. Attendees included: Mark Lockaby, Fairfax; Gerhard Epke, San Anselmo; Robert Maccario, Ross; Mike Myers, Larkspur; and Bene' da Silva, Felix Meneau and Scott Lyle from the District. Meeting highlights included Gerhard's presentation of his most recent creek walk assessment findings and prioritization of creek maintenance work, and the Committee reached an agreement on the fund distribution. Below is the result:

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Ross Valley Creek Maintenance Program			
Municipalities	*Creek Maintenance	Emergency	Total Contract Agreement Amount
Fairfax	\$ 4,000.00	\$ 3,500.00	
San Anselmo	\$ 4,000.00	\$ 3,500.00	
Ross	\$ 4,000.00	\$ 3,500.00	
Larkspur	\$ 4,000.00	\$ 3,500.00	
Totals	\$ 16,000.00	\$ 14,000.00	\$ 30,000.00

*Any balance from Creek Maintenance not used by October 15th will be added to its respective Emergency fund

The City and Towns will arrange for the creek maintenance work to be performed and the District will reimburse the Municipalities.

Item 8. Schedule Next Meeting

The next Advisory Board meeting date is scheduled for December 16, 2014.

ATTACHMENT A

								Last Updated: September 12, 2014
FC MEASURES - 10 Year Work Plan*	Implementing Agency	Current Cost Estimate**	Grants Secured***	Grants In Pursuit****	Current Cost Estimates minus Secured Grants	70% Outside Funding Target	% of Funding Target	Current Work Program
BASELINE MEASURES 10 YWP								
Corte Madera Creek Dredge (100,000 CY @ \$45/CY) plus Design, Enviro, Permits	FC District	\$6,210,000	\$0		\$6,210,000	\$4,347,000	0%	\$6,210,000
Loma Alta	FC District	\$1,900,000	\$0		\$1,900,000	\$1,330,000	0%	\$1,900,000
Lefty Gomez	FC District	\$6,400,000	\$0		\$6,400,000	\$4,480,000	0%	\$6,400,000
Memorial Park (Prop 1E Scope)	San Anselmo	\$17,441,000	\$8,720,500	\$3,000,000	\$8,720,500	\$12,208,700	71%	\$8,720,500
Phoenix Lake (Prop 1E Scope)	FC District	\$19,691,150	\$7,661,000		\$12,030,150	\$13,783,805	56%	\$12,030,150
Azalea Ave - FX	Fairfax	\$2,326,520		\$2,326,520	\$2,326,520	\$1,628,564	0%	\$2,326,520
Nokomis Ave SA	San Anselmo	\$2,493,917	\$2,409,042	\$84,875	\$84,875	\$1,745,742	138%	\$84,875
Madrone Ave SA	San Anselmo	\$2,487,917	\$2,127,413	\$75,140	\$360,504	\$1,741,542	122%	\$360,504
Sycamore Ave (Center Blvd) SA	San Anselmo	\$5,912,000	\$5,131,752	\$102,141	\$780,248	\$4,138,400	124%	\$780,248
Winship Ave RS	Ross	\$2,418,340	\$2,353,340		\$65,000	\$1,692,838	139%	\$65,000
SFD Blvd Bridge RS	Ross	\$6,125,000	\$0	PENDING	\$6,125,000	\$4,287,500	0%	\$6,125,000
Bldg Bridge #2	San Anselmo	\$3,308,000	\$0	\$2,481,000	\$3,308,000	\$2,315,600	0%	\$3,308,000
Unit 4 (Assumptions)								
Planning and Design	FC District/USACE	\$2,800,000	\$0	\$1,400,000	\$2,800,000	\$1,960,000	0%	\$2,800,000
Construction	FC District/USACE	\$6,560,000	\$0	\$6,560,000	\$6,560,000	\$4,592,000	0%	\$6,560,000
Real Estate, easements and disposal areas	FC District	\$4,500,000	\$0	PENDING	\$4,500,000	\$3,150,000	0%	\$4,500,000
TOTAL - Baseline Measures		\$90,573,844	\$28,403,047	\$16,029,676	\$62,170,797	\$63,401,691		\$62,170,797
% of TOTAL Current Cost Estimates		100%	31%	18%	69%	70%	45%	69%
ADDITIONAL MEASURES 10 YWP								
Merwin Avenue Bridge Replacement [124]*	TBD	\$989,000	\$0	\$741,750	\$989,000	100%	0%	\$0
Channel Modifications at Merwin Bridge Area [121][122][123][125][126][127][128]	TBD	\$957,000	\$0		\$957,000	100%	0%	\$0
Install new wing wall [142]	TBD	\$126,000	\$0		\$126,000	100%	0%	\$0
Install new wing wall [143]	TBD	\$136,000	\$0		\$136,000	100%	0%	\$0
Install Floodwall/Berm as wing wall extension [144]	TBD	\$70,000	\$0		\$70,000	100%	0%	\$0
Supplement: Floodwall <3.6' RS662-700 (35 ft long)	TBD	\$50,000	\$0		\$50,000	100%	0%	\$0
Supplement: Floodwall <3.3' RS662-791 (129 ft long)	TBD	\$655,000	\$0		\$655,000	100%	0%	\$0
Supplement: Floodwall <2.0' RS956-1283 (327 ft long)	TBD	\$150,000	\$0		\$150,000	100%	0%	\$0
Taylor Avenue Bridge Replacement [203]	TBD	\$991,000		\$991,000	\$991,000	100%	0%	\$0
Replace Existing Retaining Wall [209]	TBD	\$216,000	\$0		\$216,000	100%	0%	\$0
Retrofit/Replace Existing Retaining Wall [213]	TBD	\$77,000	\$0		\$77,000	100%	0%	\$0
Construct new retaining wall [216]	TBD	\$99,000	\$0		\$99,000	100%	0%	\$0
Supplement: Floodwall <1.0' RB RS2762-2796 (34 ft long)	TBD	\$10,000	\$0		\$10,000	100%	0%	\$0
Construct new retaining wall as wingwall [219]	TBD	\$382,000	\$0		\$382,000	100%	0%	\$0
Construct new retaining wall	TBD	\$387,000	\$0		\$387,000	100%	0%	\$0
Broadmoor Avenue Bridge Replacement [224]	TBD	\$1,354,000	\$0		\$1,354,000	100%	0%	\$0
Channel Modifications RS3400-3442 [225][227][228]	TBD	\$249,000	\$0		\$249,000	100%	0%	\$0
Floodwall <2.0' LB RS3646 +/- 80' (160 ft long)	TBD	\$65,000	\$0		\$65,000	100%	0%	\$0
Floodwall <2.0' LB RS4085 +/- 120' (240 ft long)	TBD	\$90,000	\$0		\$90,000	100%	0%	\$0
All Flood Control Measures (22) from RS437000-45970	TBD	\$9,214,000	\$0		\$9,214,000	100%	0%	\$0
Floodwall <1.0' RB RS43397-43512 (115 ft long)	TBD	\$15,000	\$0		\$15,000	100%	0%	\$0
Supplement: Floodwall <3.0' RB RS43716-43773 (57 ft long)	TBD	\$50,000	\$0		\$50,000	100%	0%	\$0
Supplement: Floodwall <32.5' RB RS43828-43838 (10 ft long)	TBD	\$5,000	\$0		\$5,000	100%	0%	\$0
ADDED MEASURES - SUPPLEMENT TO 10YWP								
SUBTOTAL - Additional Measures								
		\$16,337,000	\$0	\$1,732,750	\$16,337,000			\$0
PROGRAM MANAGEMENT and PUBLIC OUTREACH								
Staff = 10 Years @ \$346,951	NA	\$3,469,513			\$3,469,513			\$3,469,510
Hydraulic & Hydrologic Engineering, Grant Application Prep (3 years @ \$100K per year max)	NA	\$300,000			\$300,000			\$300,000
SUBTOTAL		\$3,769,513			\$3,769,513			\$3,769,510
GRAND TOTAL		\$110,680,357	\$28,403,047	\$17,762,426	\$82,277,310			\$65,940,307
Deficit/Surplus with an annual 3% rise in fee amount					-\$32,472,959			-\$16,135,956
Expected Revenue - With 3% Rise in Fee Amounts:		\$49,804,351						

NOTES:

- * Pending review and certification of environmental documents and alternatives to the listed project.
- ** Operations and Maintenance costs are not included and will be updated when the final design is known.
- *** Executed grant agreements, E76, or notified the grant application was selected.
- **** In grant application process, or working with ACOE on obtaining federal funding.

ATTACHMENT B

BASELINE MEASURE	DESCRIPTION	GRANT AMOUNT
<i>Phoenix Lake IRWM Retrofit Project Implementing Agency: Marin County Flood Control and Water Conservation District Cost Estimate: \$19,691,150 (Source –DWR Prop 1E Grant Agreement 5/8/2013)</i>	The proposed Phoenix Lake Integrated Regional Water Management (IRWM) Retrofit Project involves modifying the Phoenix Lake reservoir, dam, spillway and outlet works to increase water storage capacity in order to reduce or prevent flooding within the Ross Valley watershed during large storms.	\$7,661,000
<i>Memorial Park Dual-Use Detention Project Implementing Agency: Town of San Anselmo Cost Estimate: \$17,441,000 (Source – DWR Prop 1E Grant Application 9/20/2013)</i>	The proposed Memorial Park Dual-Use Facility will provide a new detention basin and restoration and improvement of the park recreational facilities.	\$8,720,500
<i>Lefty Gomez Field Dual-Use Facility Implementing Agency: Marin County Flood Control and Water Conservation District Cost Estimate: \$6,400,000 (Source – Ross Valley Capital Improvement Plan, May 2011)</i>	The proposed Lefty Gomez Field Dual-Use Facility could include conversion of the existing Lefty Gomez Field at White Hill Middle School to a dual-use facility allowing the field to be used to detain high creek flows during infrequent, large flood events. The proposed project also could include recreation improvements to the existing field at the site.	NOT GRANT READY
<i>Loma Alta Detention Basin Project Implementing Agency: Marin County Flood Control and Water Conservation District Cost Estimate: \$1,900,000 (Source – Ross Valley Capital Improvement Plan, May 2011)</i>	The proposed Loma Alta Dual-Use Facility could convert a 3-acre portion of the existing Loma Alta open space area into a dual-use facility that will temporarily detain high creek flows during infrequent, large flood events. The project could also include improvements to the existing trail network at the site.	NOT GRANT READY
<i>Building Bridge 2 Implementing Agency: Town of San Anselmo Cost Estimate: \$3,308,000 (Source – Grant Application Proposal for FEMA Hazard Mitigation Grant Program, 6/12/14)</i>	This project proposes the removal of Building Bridge #2 and a commercial building spanning the San Anselmo Creek in downtown San Anselmo.	PENDING
<i>Nokomis Avenue Bridge Implementing Agency: Town of San Anselmo Cost Estimate: \$2,493,917 (Source –Town of San Anselmo)</i>	This project proposes the removal and replacement of the Nokomis Avenue Bridge over San Anselmo Creek in the Town of San Anselmo.	\$2,409,042
<i>Madrone Avenue Bridge Implementing Agency: Town of San Anselmo Cost Estimate: \$2,487,917 (Source –Town of San Anselmo)</i>	This project proposes the removal and replacement of the Madrone Avenue Bridge over San Anselmo Creek in the Town of San Anselmo.	\$2,127,413
<i>Sycamore Avenue/Center Boulevard Implementing Agency: Town of San Anselmo Cost Estimate: \$5,912,000 (Source –Town of San Anselmo)</i>	This project proposes the removal of the bridge at Sycamore Avenue and replacement with a new bridge at Center Boulevard over San Anselmo Creek in the Town of San Anselmo.	\$5,131,752
<i>Winship Avenue Bridge Implementing Agency: Town of Ross Cost Estimate: \$2,418,340 (Source – Town of Ross)</i>	This project proposes the removal and replacement of the Winship Avenue Bridge over San Anselmo Creek in the Town of Ross.	\$2,353,340
<i>Azalea Avenue Bridge Implementing Agency: Town of Fairfax Cost Estimate: \$2,326,520 (Source – Town of Fairfax)</i>	This project proposes the removal and replacement of the Azalea Avenue Bridge over Fairfax Creek in the Town of Fairfax.	PENDING
<i>Corte Madera Creek Units 3 and 4 Project Implementing Agency: Marin County Flood Control and Water Conservation District Cost Estimate – Environmental, Permitting, Design & Construction: \$9,360,000 (Source – USACE), Right-of-way Acquisition: \$4,500,000 (Source: District)</i>	The proposed Corte Madera Creek Units 3 and 4 Project would improve the existing concrete channel and the earthen channel up to the Sir Francis Drake Boulevard bridge in Ross including removing the old wooden fish ladder that is currently in the creek. The proposed project is part of a prior U.S. Army Corps of Engineers (USACE) Flood Control Project and therefore the USACE is our partner and potential funding source.	PENDING
<i>Corte Madera Creek Sediment Management - Dredging Implementing Agency: Marin County Flood Control and Water Conservation District Cost Estimate: \$6,210,000 (Source - Flood Zone 9/Ross Valley 10-Year Work Plan)</i>	This proposed project will remove accumulated sediment from the lower sections of Corte Madera Creek in Kentfield, Larkspur, and Greenbrae. As the design moves forward, Staff will consider habitat improvements and beneficial sediment reuse opportunities that complement the project.	NOT GRANT READY