

Marin County Flood Control and Water Conservation District

FLOOD ZONE 1 ADVISORY BOARD MEETING

May 22, 2013

STAFF REPORT

Item 1. Approval of Meeting Minutes for March 28, 2013

Recommended Action: Approve minutes.

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. Vineyard Creek Project Update

At the March 28, 2013 meeting, staff reported on the Vineyard Creek geomorphic monitoring. The Draft Geomorphic Monitoring Report for Water Year 2012 has since been received and was recently sent to the permitting agencies. The Draft Report has been posted on the marinwatersheds.org website and will be finalized after we receive Agency comments. We do not anticipate substantial comments based on past review cycles.

Based on the preliminary recommendations of the report, we expect to perform the following work in 2013:

1. Install shade cloths to provide cover
2. Remove vegetation from the middle of the channel upstream of Center Road bridge
3. Remove sediment at Center Road bridge (if needed)
4. Plant single trunk trees and sedges around the rock vanes
5. Remove downed tree upstream of Vineyard Creek (*Staff have researched this item, determined property ownership and sent out letters of abatement to the homeowners and providing guidance for removal of the obstructions*).

Item 4. Annual and Preventative Maintenance Program

Staff will present this year's plan, including:

a) **Pump Stations**

Individual pumps and motors are scheduled for major maintenance on a six year interval. Two pumps at the Lynwood Pump Station are due for repairs this year. A contract was awarded by the Board of Supervisors to the low bidder, Commercial Pump and Mechanical, Inc., Chico to perform the maintenance on the pumps. The bid cost to Zone 1 is \$74,566. The budget included an estimated cost of \$60,000 for pump maintenance. The increase in cost over the budget is primarily due to the large size of pumps and difficulty of removal and transport relative to other pumps in the County.

In 2012, major maintenance was performed on the pump located at Simmonds Slough (commonly known as "Big Bertha") for a final cost of \$41,729.32. The cost was larger than budgeted due to the

high level of deterioration that was discovered when the pump was removed which required extensive extra work.

Preventative maintenance at all pump stations will also take place this year, including inspection, testing, and as needed, replacement of electrical and mechanical components.

b) Vegetation

Maintenance will occur within all flood control easements and will include brush trimming, debris removal and fire suppression mowing. The work is regularly contracted through the North Bay Conservation Corps and will be mostly completed in late Fall to avoid vegetation regrowth.

Item 5. Novato Creek Sonoma Marin Area Rail Transit (SMART) Railroad Bridge

Staff met with Bill Gamlen, Chief Engineer of SMART to discuss design plans for the Novato Creek Bridge and other related items affecting the FC District. Staff was advised to attend the Technical Advisory Committee and Structures Design Task Force meetings.

Staff has been keeping updated on the progress of the design of the Novato Creek Bridge by attending regular meetings with SMART's design-build contractors. SMART is currently considering four alternatives. The contractor is waiting for direction from SMART as to which design alternative to pursue. Staff has reviewed the 75% design plans and has sent design review comments to SMART supporting the alternative with the largest bent spacing. Staff has previously requested and is still waiting for the hydraulics and hydrology study used for the proposed bridge configuration.

Item 6. Zone 1 Budget FY 2013-2014

The Zone 1 budget for FY 2013-2014 is attached and will be presented to the Board of Supervisors at a hearing this summer. The Fiscal Year begins July 1, 2013 and ends June 30, 2014. \$1,500,000 for Novato Creek Dredging was approved in the FY 2011-2012 budget.

Recommended Action: Recommend that the Board of Supervisors adopt the budget.

Item 7. Schedule Next Meeting

Schedule the next meeting of the Zone 1 Advisory Board. The bylaws specify that the next meeting be held on Tuesday, August 6, 2013