



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 12/18/2018

Agenda Placement: 6I

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: Richard Thomasser, Watershed and Flood Control Operations Manager - (707)259-8657

SUBJECT: Amendment 1 to Local Project Sponsor Agreement with Association of Bay Area Governments-
Milliken Creek Flood Reduction Project

RECOMMENDATION

Director of Public Works requests approval of and authorization for the Chair to sign Amendment 1 to Agreement No. 8218 with the Association of Bay Area Governments (ABAG) for a maximum of \$500,000 in funding from the California Department of Water Resources via the Integrated Regional Water Management (IRWM) Program for the term of February 4, 2014 through December 31, 2018 for implementation of the Milliken Creek Flood Reduction and Fish Passage Barrier Removal Project.

EXECUTIVE SUMMARY

The Board of Supervisors approved funding the design of the Milliken Creek Flood Reduction and Fish Passage Barrier Removal Project (the Project) in 2012 using Measure A funds. An Integrated Regional Water Management (IRWM) grant of \$500,000 from the State of California Department of Water Resources (DWR) was awarded through the Association of Bay Area Governments (ABAG) to the County as a Local Project Sponsor (LPS). The Board approved the LPS (Napa County Agreement No. 8218) with ABAG on September 23, 2014. The Milliken Project has been completed and the master grant agreement from DWR to ABAG and Agreement No. 8218 are set to expire on December 31, 2018. Amendment No. 1 to Agreement No. 8218 updates the scope of work and schedule for the Project to reflect the actual scope and schedule as completed.

FISCAL IMPACT

Is there a Fiscal Impact? No

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

In December 2005, the Kaanapali Drive neighborhood, northeast of the intersection of Atlas Peak Road and Hillcrest Drive, experienced unprecedented flooding that resulted in damage to several homes. In response to the flooding, the County entered into an agreement with the Silverado Property Owner's Association (SPOA) to cost share a flood reduction and stream bank stabilization study of Milliken Creek from Atlas Peak Road to Westgate Drive. The firm chosen by the SPOA was Hydrologic Systems Inc (HSI). The study was completed in December 2007. It focused on the hydrology, geomorphology, and hydraulics of the Milliken watershed and identified preliminary alternatives to reduce flooding in the study area; it also identified portions of Kaanapali Drive as areas subject to flooding from a 100-year flood event. A hydraulic model was developed by HSI to study flooding at various flood frequencies. Potential flood reduction alternatives identified included increasing culvert capacities, redirecting certain drainage courses, construction of berms to detain overbank flows in existing or created impoundment areas, modifications to the upstream Milliken Dam to attenuate flood flows, and several combinations of these alternatives that would maximize the reduction of possible flooding.

As a result of the study, County staff worked with FEMA to map a Special Flood Hazard Area (SFHA) on Kaanapali Drive. The original study did not contain enough information to establish base flood elevations (BFEs) for the SFHA, so in August 2010, the County continued the hydrology and hydraulic analysis of the Milliken Creek watershed to its termination into the Napa River. The purpose of the new study was not only to establish BFEs, but also to evaluate possible additional improvements for additional flood reduction possibilities.

In March 2010, the County hired Riechers Spence and Associates (RSA) to perform a cost benefit analysis for the project alternatives identified in the original report. RSA was able to incorporate existing known data into their analysis, and also evaluated several additional flood reduction alternatives. In December 2011, RSA completed their cost-benefit analysis; based on their evaluations, the following alternatives were recommended for this Project:

1. Removal of the existing summer impoundment (dam) and restoration of the Milliken Creek channel.
2. Restoration of the overland release path through Hillcrest Drive and Atlas Peak Road.
3. Strategic flood proofing on the south, north, and east side of Kaanapali Drive.

Based on the recommendations in the RSA report and a request for support from several Kaanapali Drive homeowners, the Board approved the use of Measure A funds in 2012 to implement a flood reduction project. Staff worked with property owners and Silverado Resort through 2014 to reach concurrence on project objectives and awaited the property owner's formation of a Homeowners Association (HOA), which could enter into an agreement with the County and the Resort. The Kaanapali Drive HOA was approved by the property owners in January 2014. A Request for Proposals for design of flood reduction improvements was issued on January 31, 2014. Interviews were held on March 19 and 20, and based on previous experience with similar projects, Mead & Hunt out of Sacramento was chosen as the most qualified firm. The Board approved a professional services agreement with Mead & Hunt on August 19, 2014 to begin design work. The County, Silverado Resort and the HOA entered into a project agreement for implementation of the project on November 3, 2015.

Staff also worked to secure grant funding to support construction of the Project from the State of

California Department of Water Resources. The County was notified in 2013 that the Project was selected for a grant of \$500,000 as part of the Bay Area Integrated Regional Water Management (IRWM) Plan Round 2 Implementation grant program. The Milliken Project is one of 20 projects awarded funding in IRWM Round 2. The Association of Bay Area Governments (ABAG) is the principal grantee from DWR and the County is a Local Project Sponsor (LPS) and became a sub-recipient of the grant funds through an LPS Agreement with ABAG. The Board approved the LPS Agreement No. 8218 with ABAG on September 23, 2014.

The Milliken Project has been completed and \$450,000 of the grant funding has been received by the County to date. The remaining \$50,000 is being held as retention until the final project report has been approved by DWR, The LPS Agreement is set to expire on December 31, 2018, which is also the date that the master grant agreement from DWR to ABAG expires. ABAG is requesting that all LPS agreements be updated to reflect the final project scope and schedule as implemented. At this time, staff is requesting Board approval of Amendment No. 1 to Napa County's LPS Agreement (Agreement No. 8218) with ABAG to update the Milliken Project's final scope and schedule.

SUPPORTING DOCUMENTS

None

CEO Recommendation: Approve

Reviewed By: Helene Franchi