



bay restoration commission

STEWARDS OF SANTA MONICA BAY

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August 9, 2013

Agenda Item #3c

To: Governing Board, SMBRC

From: Shelley Luce, Executive Director

Subject: State Parks Request for Arroyo Sequit Steelhead and Stream Restoration Grant Augmentation

Action Requested of the Governing Board:

- Review and approve augmentation of up to \$155,000 to California Department of Parks and Recreation's Prop 50 Arroyo Sequit Steelhead and Stream Restoration grant

Background

In June 2011, the Governing Board approved Prop 50 grant requests to the Santa Monica Bay Restoration Foundation (SMBRF) and the California Department of Parks and Recreation (State Parks) for the design, engineering, and construction of two bridges to replace concrete at-grade (Arizona) crossings, and the removal of a 2' high check-dam on Arroyo Sequit Creek at Leo Carrillo State Beach. The SMBRF was awarded \$300,000 for Phase 1 planning, design, and engineering. State Parks was awarded \$1,300,000 for Phase 2 demolition of the crossings and check-dam, construction of two bridges, invasive removal, and re-vegetation with native species. Removal of the barriers will provide immediate access to 4.5 miles of habitat to the endangered southern steelhead trout, improve water quality by reducing channel erosion, and improve public safety and recreational access. Arroyo Sequit is one of only three creeks in the Santa Monica Mountains that support the endangered southern steelhead trout.

Project Status

State Parks and SMBRF are currently reviewing 90% design plans. Plans and specifications for demolition, erosion control, vehicle access and construction staging, crossing alignments, and utility re-alignments are being processed. SMBRF and State Parks are working on permit applications and providing data requested by the permitting agencies so that they can review the project. The project was scheduled to go to construction in 2012, but litigation over the Malibu Lagoon Restoration project forced State Parks to reprioritize projects, and delay construction until late summer 2014.

Augmentation Request

State Parks is requesting a budget augmentation of \$155,000 for Phase 2 (construction) of the Arroyo Sequit Steelhead and Stream Restoration project. Original cost estimates for the removal and replacement of two Arizona crossings with two free-span bridges was



\$1,115,500. Updated cost estimates as part of the 90% design package indicate that actual costs will be \$1,609,387, a difference of \$493,887. The key contributors to cost increases are increased abutment sizes needed to support the bridges, and an increase in the unit cost for concrete. Smaller cost increases are associated with utility relocation costs and import of rock material for stream restoration. Costs for other activities being funded under the grant (check dam removal, invasive species removal, native plant re-vegetation, pre- and post-project monitoring) remain largely unchanged.

State Parks has successfully filled a large portion of the funding gap. They have secured an additional \$130,000 in internal State Park funds, and the Wildlife Conservation Board is expected to commit an additional \$209,000 towards the project. State Parks is requesting an augmentation in the amount of \$155,000 from the SMBRC to fill in the funding gap and increase the contractor's construction contingency from 7% to 10% which is the minimum contingency recommended by SMBRC staff.

Tentative Schedule

- July - August 2013:
 - All permits submitted to agencies
 - Review draft 90% plans and specs
 - Invasive weed mapping and initiation of removal (ongoing)
- December 2013: Final plans and specs complete, all permits approved
- April-October 2014: Construction 2-3 month period. Exact start date determined by permit constraints. Construction to likely occur between August 15th and Oct 31st, 2014
- October 2014-June 2015: Ongoing riparian restoration via invasive weed removal. Post-construction monitoring
- October 2014 Final Report

Proposition 50 Status

To date, the Commission has recommended seventeen projects totaling approximately \$14,782,000 for Prop 50 funding through the State Water Resources Control Board. If the Governing Board approves the augmentation discussed above, the SMBRC will have approximately \$3,063,000 remaining in Prop 50 funds.