



BOARD OF SUPERVISORS
AGENDA LETTER

Agenda Number:

Clerk of the Board of Supervisors
105 E. Anapamu Street, Suite 407
Santa Barbara, CA 93101
(805) 568-2240

Department Name: Flood Control
Department No.: 054
For Agenda Of: 04/09/13
Placement: Administrative
Estimated Tme:
Continued Item: No
If Yes, date from:
Vote Required: Majority

TO: Board of Directors, Flood Control and Water Conservation District

FROM: Department Scott D. McGolpin, Public Works Director, 568-3010
Director(s)
Contact Info: Thomas D. Fayram, Deputy Public Works Director, 568-3436

SUBJECT: Lillingston Canyon Debris Basin Modification Project Phase 3, First Supervisorial District

County Counsel Concurrence

As to form: Yes

Other Concurrence: N/A

As to form: N/A

Auditor-Controller Concurrence

As to form: Yes

Recommended Actions:

- a) Authorize the Public Works Director to advertise and receive bids for the Lillingston Canyon Debris Basin Modification Project, Phase 3; and
- a) Find that pursuant to the California Environmental Quality Act (CEQA) 14 CCR, Section 15162, no new effects will occur and no new mitigation measures would be required as a result of the project and therefore pursuant to CEQA Section 15168(c)(2) Program EIR, that the Lillingston Canyon Debris Basin Project is within the scope of the project covered by the Program Environmental Impact Report (PEIR) for the Updated Routine Maintenance Program (01-EIR-01), Findings, and Statement of Overriding Considerations approved in December, 2001, and the Lillingston Debris Basin addendum to the PEIR approved June 15, 2010, and no new environmental document is required. The PEIR, addendum, and associated information can be found at:
<http://santabarbara.legistar.com/LegislationDetail.aspx?ID=1125263&GUID=CCDA615D-BF63-4445-98E9-639C76B3F243>

Summary Text:

In August of 2011 and July of 2012, your Board awarded Phases 1 and 2 of the Lillingston Canyon Debris Basin Modification Project, respectively. During these phases, the existing grouted rock dam was "notched" a depth totaling 10 feet, and fitted with interim dam stabilization systems (including

salvaged rock, geomembrane and a cable mesh drapery system) to stabilize the remaining structure during high flows. Both phases have been completed, and Phase 3 of the project is scheduled to be constructed this year.

Phase 3 will remove the interim dam stabilization system, remove the remaining grouted dam and embankments, dismantle the grouted rock apron, and remove a portion of a cutoff wall. Phase 3 construction will commence this summer (2013) with completion this fall. The final phase (Phase 4) will be completed in the fall of 2014.

Background:

The Lillingston Canyon Debris Basin is located in the foothills of the Santa Ynez Mountains north of the City of Carpinteria in the County of Santa Barbara. It is situated along Carpinteria Creek approximately 1.5 stream miles upstream of the confluence with Gobernador Creek. The Lillingston Canyon Debris Basin is an engineered facility that was built in 1971 by the U.S. Army Corps of Engineers after the Romero Fire.

Unlike other Flood Control District's (District) maintained debris dams, this basin is remote and not actively maintained. Constructed in the wake of the Romero Fire, the debris basin was allowed to fill in, revegetate, and the culvert has silted-in. The stream flows are directed over the top of the spillway. As a result, this dam is impassable to steelhead trout and is ranked as a maximum severity barrier to steelhead passage in the report entitled, *Steelhead Assessment and Recovery Opportunities in Southern Santa Barbara County* (Stoecker et al., 2002). Removal of this barrier will allow steelhead to access an estimated five miles of upstream habitat. This work compliments the other fish passage projects completed along Carpinteria Creek in recent years.

In 2010, the Department of Fish and Game (DFG) awarded the Flood Control District a grant in the amount of \$207,744 to help finance deconstruction of the dam. Deconstruction is scheduled to occur in four phases over a period of four years. The first phase was completed in November, 2011. During each phase, the dam will be "notched", and the grouted rock will be broken up, allowing the rock and sediment built up behind the dam to wash through the creek system during successive rain events. The DFG reimburses the Flood Control District for up to 50% of construction costs, for each phase, until the grant funds are depleted. The first phase was completed in 2011, the second phase was completed in 2012, the third phase is planned for this summer as a part of this action, and the final phase is planned for the summer of 2014.

Fiscal and Facilities Impacts:

Budgeted: Yes

Fiscal Analysis:

Narrative:

Construction costs for this project will be partially funded by the DFG grant with the remaining costs being funded by the South Coast Flood Zone. Construction costs for this phase of the project are included in the proposed FY 2013-14 budget. To preserve the competitive bidding process for Public Contracts, the bid results and construction costs will be disclosed after bids are opened and the District approaches the Board for the award of the construction contract. Construction for this phase (Phase 3) is

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scheduled to begin in the summer of this year. No General Fund monies will be utilized with this project.

This project is also included in the Capital Improvement Program on page B-23.

Special Instructions:

Direct the Clerk of the Board to send a copy of the minute order to the Flood Control District office,
Attn: Christina Lopez.

Attachments:

Exhibit 1: Location Map

Authored by: Karen Sullivan, Civil Engineer, 568-3458

Exhibit 1

