

# Memorandum

To: CHAIR AND COMMISSIONERS

CTC Meeting: April 7-8, 2004

Reference No.: 5.2b  
Action Item

From: ROBERT L. GARCIA  
Chief Financial Officer

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Subject: **APPROVAL OF THE TRANSPORTATION FINANCE BANK LOAN APPLICATION AND AGREEMENT PACKAGE FOR THE COUNTY OF SANTA CRUZ AND SANTA CRUZ COUNTY REGIONAL TRANSPORTATION COMMISSION RESOLUTION G-04-**

## **ISSUE:**

The Transportation Finance Bank (TFB) Revolving Loan Program Application and Agreement package in the amount of \$600,000 for the County of Santa Cruz and Santa Cruz County Regional Transportation Commission (SCCRTC) are being presented for conditional approval at the April 7-8, 2004 California Transportation Commission (Commission) meeting, contingent upon approval of a related State Transportation Improvement Program (STIP) Amendment under 2.1b.(3) (Amendment 02S-127). The TFB Revolving Loan Program would provide the additional funds necessary to fully fund the El Rancho Drive Reconstruction Project (see attached project description and map). In addition, the project has Federal Emergency Management Agency (FEMA) funds that are in jeopardy if the project is not completed by December 2004. The County of Santa Cruz and SCCRTC need this conditional approval from the Commission in order to expedite their contracting process. Without this conditional approval, the County of Santa Cruz's board would not be able to take any actions to advance the project at its next board meeting. The County of Santa Cruz and SCCRTC are proposing to repay the TFB Revolving Loan through an AB 3090 reimbursement request in FY 2006-07, as requested in STIP Amendment 02S-127 (concurrent item 2.1b.(3)). The AB 3090 reimbursement request will be the TFB Revolving Loan's revenue stream for repayment.

The El Rancho Drive slipout and the destabilization of northbound State Route 17 at Post Mile (PM) 1.4 occurred in two stages during the El Nino storms of February 1998. The first event

destroyed the northbound lane of El Rancho Drive and the second event culminated in complete loss of the El Rancho Drive road section, thereby destabilizing State Route 17 at PM 1.4.

Shortly after the February 1998 event, the Department of Transportation (Department) was contacted to evaluate the threat to State Route 17. As a result of the investigation, the Department installed a temporary soldier pile retaining wall on the eastern embankment of State Route 17. The Department determined the soldier pile retaining wall to be temporary shoring, with the understanding that a follow-up project to repair the El Rancho Drive slipout and reinforce the retaining wall is necessary for the long-term stability of State Route 17.

### **RECOMMENDATION:**

The Department evaluated the application and agreement package and recommends that the Commission approve the TFB Revolving Loan for the El Rancho Drive Reconstruction Project, contingent upon the approval of the AB 3090 reimbursement request for County of Santa Cruz and SCCRTC (STIP Amendment 02S-127 under Item 2.1b.(3)).

### **BACKGROUND:**

The TFB Revolving Loan Program was established as a State Infrastructure Bank, authorized under the National Highway System Designation Act of 1995 and the California Government Code Section 64000, added by Chapter 664 of the Statutes of 1998 (SB 567, Schiff) and revised by Chapter 805 of the statutes of 2002 (AB 2996, Oropeza). The program offers flexible, short-term loans with below-market interest rates to public entities and public/private partnerships for the purpose of accelerating the delivery of transportation projects in California.

Under the TFB Revolving Loan Program, the Department is responsible for accepting and evaluating applications, making loan recommendations to the Commission, and acting as the contact source for information on the program. The Commission makes decisions regarding loan approvals and provides program oversight.

The Commission adopted the TFB Revolving Loan Program, Guidelines and Loan Application and Agreement package to implement and expedite the loan program at the January 2003 Commission meeting.

Attachments

**EL RANCHO DRIVE STORM DAMAGE REPAIR AT HWY 17  
BEULAH PARK UNDERCROSSING, EL NINO DSR NO. 27214**

I. PROJECT DESCRIPTION

The proposed project provides for the repair of the storm damaged section of El Rancho Dr. at La Madrona Dr. via the construction of a 150 ft single span two lane pre-stressed reinforced concrete box girder bridge structure. The overall bridge deck width will be 32.7 ft. The bridge super structure will be set on two simple concrete abutment/footings which are to be founded on multiple concrete piers. The south abutment and the surrounding existing embankment fill are to be shored up by the construction of an 88 ft. long by a maximum 26 ft high tied back soldier beam pile retaining wall (ref. sheet 24/29 attached improvement plans).

The existing 115 ft long Caltrans emergency pile wall at the easterly edge of State Hwy 17 at the top edge of the slide will be retrofitted/modified by extending the existing lagging depth from the present 7-10 ft depth to an average overall new depth of 25 ft. and by installing three horizontal tiers of tieback anchors to the wall. The existing Caltrans pile wall will also be increased in length by constructing two new angled wall extensions, one 40 ft. long and the other 28 ft long oriented in an easterly direction out to the new County bridge structure (ref sheet 25 of 29). These wall extensions will be restrained with two and three tiers of tieback anchors.

In addition to the above described bridge and retaining wall structures, four radial arrays of horizontal drain pipes (hydraugers) are to be drilled and inserted into the remaining Hwy 17 fill embankment at the locations and elevations shown on the engineered improvement plans (sheet D-2) to help stabilize the fill material by removing tributary ground water.

Extensive storm water collection and discharge facilities are to be constructed as shown on sheets D-3 and D-4 of the engineered improvement plans to remove tributary surface runoff. These facilities consist of drainage inlets, pipe systems, junction structures, outlet structures, and energy dissipators.

# Site Map

EL RANCHO DRIVE STORM DAMAGE REPAIR  
AT HWY. 17 AND BEULAH PARK UNDERCROSSING IN SANTA CRUZ COUNTY CA

