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Agenda Date: 1/29/2019

Agenda Placement: 6K

## NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

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**TO:** Board of Supervisors

**FROM:** Steven Lederer - Director of Public Works  
Public Works

**REPORT BY:** James Reese, Associate Engineer - x8281

**SUBJECT:** Silverado Trail MPM 18.04 Slide Repair, RDS 18-17 - Approve Plans and Specifications

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### **RECOMMENDATION**

Director of Public Works requests approval of plans and specifications for the Silverado Trail MPM 18.04, RDS 18-17 Slide Repair Project EO-ER-32L0(347) and authorization to advertise for sealed bids and opening of the bids contingent upon authorization for construction from Caltrans at a time, date, and location to be published by the Director of Public Works pursuant to Section 20150.8 of the Public Contract Code.

### **EXECUTIVE SUMMARY**

During the January 2017 storm event, significant damage occurred at over 25 major roads sites, one of them being a landslide at the intersection of Silverado Trail and Pratt Avenue, near milepost 18.04 on Silverado Trail. A temporary retaining wall with concrete barricades was constructed to keep the road open and safe for travel. The permanent repair to return the Silverado Trail and Pratt intersection to its full functionality is to install approximately 281 feet of retaining wall and to backfill the slope behind the wall with rock slope protection (RSP).

This project qualifies for Federal Highway Administration (FHWA) funding and the federal match is 88.53%. The estimated cost for design, environmental, right of way, administration, construction, and construction management is \$2,859,000.

### **FISCAL IMPACT**

Is there a Fiscal Impact?                      Yes

Is it currently budgeted?	Yes
Where is it budgeted?	Fund 2040 - Subdivision 2040500 - Program S7114. General fund loan approved by Board on 12/5/17 is being utilized to commence construction in advance of receiving FHWA reimbursement. Total approved budget appropriation for this project is \$2,501,500 with \$2,252,000 remaining.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	A permanent retaining wall needs to be constructed to allow use of the full width of Silverado Trail and to reopen Pratt Avenue.
Is the general fund affected?	Yes
Future fiscal impact:	Construction is expected to commence this spring and be completed in fiscal year 2019-20, contingent on receiving an E76 (authorization to construct) from Caltrans. The future fiscal impact will be limited to routine maintenance of the road.
Consequences if not approved:	The project will not proceed to the construction phase and further damage to the roadway could occur during future rain storms.
Additional Information:	<p>The current total estimated required budget is \$2,859,000. Once bids are opened, staff will recommend any further necessary budget adjustments at construction award time. The estimated total project as approved by Caltrans includes money for design, environmental, right of way, administration, construction, and construction management.</p> <p>To date, Caltrans has issued an E76 for the preliminary engineering phase for \$338,000. Staff has submitted the request for authorization for the construction phase and the E76 for construction is expected to be approved soon. Any remaining appropriations at project closeout will be returned to the general fund. A project budget summary sheet is attached to this board letter.</p>

## **ENVIRONMENTAL IMPACT**

**Consideration and possible adoption of a Categorical Exemption Class 1:** It has been determined that this type of project does not have a significant effect on the environment and is exempt from the California Environmental Quality Act. [See Class 1 ("Existing Facilities") which may be found in the guidelines for the implementation of the California Environmental Quality Act at 14 CCR 15301; see also Napa County's Local Procedures for Implementing the California Environmental Quality Act, Appendix B.] . Caltrans has determined that the project qualifies for a categorical exclusion under the National Environmental Policy Act.

## **BACKGROUND AND DISCUSSION**

During the January 2017 storm event, significant damage occurred at over 25 roads sites. One of these sites was Silverado Trail which experienced a landslide at milepost marker (MPM) 18.04. A temporary retaining wall was built to protect traffic and to keep the road open until a permanent repair could be constructed. The temporary retaining wall required that Pratt Avenue be closed at the intersection.

The Silverado Trail retaining wall MPM 18.04, RDS 18-17 project will install approximately 281 linear feet of retaining wall and backfill the slope behind the wall with rock slope protection (RSP) as a permanent repair. Plans and specifications for Silverado Trail MPM 18.04 are ready for Board approval. This project is scheduled to begin construction this spring. At the completion of the project the temporary wall will be removed, the pavement under the temporary wall repaired, and Pratt Avenue will be reopened to the public.

**SUPPORTING DOCUMENTS**

A . Budget - Spreadsheet

CEO Recommendation: Approve

Reviewed By: Leigh Sharp