



A Tradition of Stewardship  
A Commitment to Service

Agenda Date: 5/21/2019

Agenda Placement: 6M

## NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

---

**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 - Award of Construction Contract

---

### **RECOMMENDATION**

Director of Public Works requests:

1. Award of the contract for the Silverado Trail MPM 18.04, RDS 18-17 Slide Repair Project EO-ER-32L0(347) to McCullough Construction Inc. of Arcata, California for their low base bid of \$1,921,283 and authorization for the Chair to sign the construction contract; and
2. Approval of Budget Transfer No. DPW043 for the following (4/5 vote required):
  - a. Increase intrafund transfers out account by \$350,000 in Roads CIP Oakville Bridge project budget (Fund 2040, Subdivision 2040500, Program 97001) with offsetting decrease in constructions services account by \$255,295 and \$94,705 from its available fund balance;
  - b. Increase intrafund transfers out account by \$350,000 in Roads Operations budget (Fund 2040, Subdivision 2040000) with offsetting intrafund transfers in from Program 97001;
  - c. Increase principal on other debt account by \$60,000 in Roads CIP Pope Canyon Road MPM 7.20 project budget (Fund 2040, Subdivision 2040500, Program S7116) with offsetting decrease in constructions services account by \$60,000;
  - d. Increase Long Term Loan account by \$60,000 in Accumulated Capital Outlay Fund budget (Fund 3000, Subdivision 3000000) with offsetting Long Term Debt Proceeds by \$60,000; and
  - e. Increase constructions services account by \$410,000 in Roads CIP Silverado Trail MPM 18.04 project budget (Fund 2040, Subdivision 2040500, Program S7114) with offsetting revenue from Roads Operations budget (\$350,000) and loan from Accumulated Capital Outlay Fund (\$60,000).

### **EXECUTIVE SUMMARY**

During the January 2017 storm event, significant damage occurred at over 35 major roads sites, including a landslide at the intersection of Silverado Trail and Pratt Avenue near milepost 18.04 on Silverado Trail. A temporary

retaining wall made of stacked 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 280 feet of retaining wall and to backfill the slope behind the wall with concreted rock slope protection (RSP).

The project was advertised for bids on March 23, 2019. Bids were opened on April 25, 2019 and seven bids were received. The successful bidder is McCullough Construction Inc. of Arcata, California for their low base bid of \$1,921,284. McCullough Construction Inc. is not a local vendor. The Director of Public Works is recommending award to McCullough Construction Inc. of Arcata, California and authorization for the Chair to sign the construction contract.

This item is consistent with the Strategic Plan goal to improve and maintain the existing transportation and roads system to safely accommodate all users.

### **FISCAL IMPACT**

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Fund 2040 - Subdivision 2040500 - Program S7114. On December 5, 2017, the Board of Supervisors approved a \$2 million General fund loan and \$500,000 General Fund contribution for Program S7114 that is being utilized to commence construction in advance of receiving reimbursement from the Federal Highway Administration (FHWA). There have been \$300,245 in expenses and there is \$2,201,255 remaining in the budget. The total projected budget needed for this project is \$2,911,500. It is recommended that a total of \$410,000 be transferred to the Silverado Trail MPM 18.0 Slide Repair Project (\$350,000 from the Oakville Bridge project and \$60,000 from the Pope Canyon Storm Damage Repair) in order to cash flow the project.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	A permanent retaining wall must be constructed to allow full use of the roadway width of Silverado Trail and to reopen Pratt Avenue.
Is the general fund affected?	Yes
Future fiscal impact:	Construction is expected to commence this June and be completed in fiscal year 2019-20. The future fiscal impact will be limited to routine maintenance of the road and wall.
Consequences if not approved:	The landslide will continue, Pratt Ave will remain closed, and bicycle lanes cannot be reopened. Additionally, the County will have to return all federal funds received to date for the engineering phase.
Additional Information:	The remaining balance of the project budget at the end of Fiscal Year 2018-19 will be rolled over to Fiscal Year 2019-20 budget.
	Funds to complete the project are available from the Oakville Bridge long term mitigation monitoring account and from the recently completed Pope Canyon Storm Project, which was completed under budget. Any reimbursement received from FHWA will be used to repay \$350,000 to the Oakville Bridge Project as the first priority, and repay the \$60,000 to the General fund as the

second priority.

The preliminary scope and budget was developed in early 2017 for funding purposes. After completion of survey, geotechnical investigation, and structural investigation, the scope of the project was refined to include: concrete rock slope protection behind the retaining wall and a debris barrier for protection of the public. The budget increase is due to the above refinement of the project and the construction cost escalation from 2017 to 2019.

Caltrans has approved \$2,744,700 for design and construction of this project based on initial cost estimates. FHWA reimburses at 88.53% of total allowable project costs. The county's local share is 11.47%. Additional funds will be requested from Caltrans to cover the difference between the approved amount and the total project budget.

### **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, Silverado Trail experienced a landslide at milepost marker (MPM) 18.04. A temporary retaining wall was built to protect the public 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 with Silverado Trail.

The proposed repair is a drilled hole steel soldier pile concrete retaining wall that is approximately 280' long. The wall height varies from approximately 5 to 23 feet. The slope behind the wall will be backfilled with concreted rock slope protection for an additional height of 5 to 47 feet above the wall to buttress the unstable hillside, and will include a debris barrier.

This repair project was advertised for bid on March 23, 2019. Bids were opened on April 25, 2019 and seven bids were received. The successful bidder is McCullough Construction Inc. of Arcata, California for their low base bid of \$1,921,284. The engineer's construction estimate was \$2,000,000. The Disadvantaged Business Enterprise (DBE) goal for this project, a requirement due to the presence of federal funding, was 12%. McCullough Construction Inc. is a DBE firm and exceeded that goal with 91% DBE participation. McCullough Construction Inc. is not a local vendor.

The following 7 bids were received:

McCullough Construction Inc.	Arcata, CA	\$1,921,284
------------------------------	------------	-------------

Granite Construction	Ukiah, CA	\$1,994,995
Maggiora & Ghilotti	San Rafael, CA	\$2,067,067
Valentine Corporation	San Rafael, CA	\$2,262,369
Gordon N Ball	Alamo, CA	\$2,377,242
Ghilotti Construction	Santa Rosa, CA	\$2,400,572
Team Ghilotti	Petaluma, CA	\$2,551,667

Construction is anticipated to commence in June 2019 and to be completed in October 2019, weather permitting.

On December 5, 2017, the Board of Supervisors approved a \$2 million General fund loan and a \$500,000 General Fund contribution to commence construction in advance of receiving FHWA reimbursement. When the Board approved the plans and specifications on January 29, 2019, the total preliminary estimated project cost was \$2,859,000. The current estimated total project cost is \$2,911,500. The preliminary scope and budget was developed in early 2017 for funding purposes. After completion of survey, geotechnical investigation, and structural investigation, the scope of the project was refined to include: concrete rock slope protection behind the retaining wall, and a debris barrier for protection of the public. The budget increase is due to the above refinement of the project and the construction cost escalation from 2017 to 2019. The project "soft costs" are approximately 24% of the total project costs, which is consistent for larger projects. A 15% contingency is requested due to the construction complexity of this project.

There have been \$300,245 in project expenses, and the remaining project budget is \$2,201,255. An additional \$410,000 is needed to fully fund the project. It is recommended that \$350,000 from the Oakville Bridge Project and \$60,000 from the Pope Canyon Storm Damage Repair Project be transferred to the Silverado Trail MPM 18.04 Project. FHWA has approved \$2,744,700 for design and construction based upon an initial project budget and the program reimburses 88.47% of total allowable project costs with the remainder covered through local share. Additional funds will be requested from FHWA to cover the difference between the FHWA approved budget and the final project budget. Any reimbursement received from FHWA would be used first to repay \$350,000 to the Oakville Bridge Project and then to repay the General fund.

Staff outreach to the local construction contractor community included advertising the request for bids in the Napa Valley Register and the Solano-Napa Builder's Exchange, and by posting on DBEGoodFaith.com and the County website. Staff also sent "Notices to Contractors" to the local construction community. Once the construction contract is awarded the County will contact the Napa County Workforce Investment Board (WIB) and will require the successful contractor to contact the WIB informing them of hiring needs.

### **SUPPORTING DOCUMENTS**

A . Silverado Trail at Pratt construction budget

CEO Recommendation: Approve

Reviewed By: Leigh Sharp