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Agenda Date: 6/19/2018

Agenda Placement: 6DD

## 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:** Hamid Heidary, Associate Civil Engineer - 259-8370

**SUBJECT:** Pope Canyon Road MPM 7.20 Slide Repair - Approve Plans and Specifications for Storm Damage Repairs

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#### **RECOMMENDATION**

Director of Public Works requests approval of plans and specifications for the Pope Canyon Road MPM 7.20 Storm Damage Repair Project No. S7116-31160 and authorization to advertise for sealed bids and opening of the bids 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. Pope Canyon Road at Mile Post Marker (MPM) 7.20 sustained a downslope failure in the road fill on the north side of the roadway and a large amount of the embankment and vegetation was washed into the creek below the road. The proposed repair is the construction of approximately 200 feet of retaining wall and the reconstruction of 525 feet of metal beam guard rail. The plans and specifications for Pope Canyon Road MPM 7.20 are ready for Board approval.

On December 5, 2017, the Board approved funding for three of the storm damage repair projects as part of the Roads Funding Study Session and Approval of the County Measure T Plan. This is one of three approved projects (Silverado Trail at Pratt Avenue, and 108 Brookside Ave. were the other two) and allocated \$2,140,000 to this project with funding from the General Fund.

#### **FISCAL IMPACT**

Is there a Fiscal Impact? Yes

Is it currently budgeted?	Yes
Where is it budgeted?	Fund 2040/Subdivision 2040500/Program S7116. There is \$2,141,385 currently budgeted. On January 31, 2017, the Board approved \$1,000,000 to start moving forward with storm damage repairs. \$1,385 of that was used for this project. In addition, the Board approved \$2,140,000 as part of the Roads Funding Study Session and Approval of the County Measure T Plan on December 5, 2017. Funds are being utilized to commence construction in advance of receiving FHWA reimbursement. FHWA should reimburse the County for 88.53% of the allowable project costs.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	A construction contract must be awarded in order for the road to be repaired and prevent further damage to the roadway during future rain storms.
Is the general fund affected?	Yes
Future fiscal impact:	The remaining balance of the budget at end of Fiscal Year 2017-18 will be rolled over to Fiscal Year 2018-19 budget. 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:	Staff has completed site visits with Caltrans and FHWA and has submitted the Damage Assessment Forms for FHWA's approval. Once the County receives reimbursement from FHWA, funds will be returned to the General Fund. Based on how long it has taken for FHWA to obtain funding for earthquake repairs, it could be several years before the County is reimbursed.

## **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.]

## **BACKGROUND AND DISCUSSION**

During the January 2017 storm event, significant damage occurred at over 25 roads sites. Pope Canyon Road at MPM 7.20 is built on earth fill between two hills and sustained damage consisting of a slope failure on the downslope side of the roadway that caused a large amount of the roadway fill embankment and vegetation wash into the creek below the road. The proposed repair is to install approximately 200 feet of retaining wall. The retaining wall is a combination of a concrete grade beam on cast-in-drilled hole piles and concrete lagging on soldier pile walls.

A portion of the metal beam guard rail on the north side of the road must be removed to build the retaining wall, so the scope of work includes replacing the wood posts with metal posts along the 525 feet of guard rail. The specifications are similar to the specifications used for other recent storm damage repair projects. Plans and specifications for Pope Canyon Road MPM 7.20 are ready for Board approval. This project is scheduled to begin

construction this summer.

**SUPPORTING DOCUMENTS**

None

CEO Recommendation: Approve

Reviewed By: Bret Prebula