



Napa County

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Legislation Text

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TO: Board of Supervisors

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

REPORT BY: Sonja El-Wakil, Associate Engineer

SUBJECT: "Silverado Trail, Petrified Forest, Whitehall Lane Pavement Repair Project,"
RDS 23-13 - Approval of Plans and Specifications and Authorization to
Advertise for Bids

RECOMMENDATION

Director of Public Works requests the approval of plans and specifications for the "Silverado Trail, Petrified Forest, Whitehall Lane Pavement Repair Project," RDS 23-13, 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

This project scope is road rehabilitation on sections of Silverado Trail, Petrified Forest Road, and Whitehall Lane. The project also includes a section of Silverado Trail within the City of Calistoga and a cost sharing agreement between the City of Calistoga and Napa County will be presented with the award of the construction contract. Plans and specifications for this project are complete and ready for Board of Supervisors (Board) approval and authorization for the solicitation of bids.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	No

Where is it budgeted?	Fund 2040 - Subdivision 2040500 - Program 23028 (Silverado Trail, Petrified Forest, Whitehall Lane Pavement Repair, RDS 23-13). On December 13, 2022, the Board approved a budget transfer of \$150,000 to fund design and engineering and creation of the Project. Additional funding will be requested after bids are opened and at the time of construction award. The Silverado Trail work will be funded by Measure T, Petrified Forest Road work will be funded using PGE Fire Funding, and Whitehall Lane will be funded using the Upper Valley District Service Franchise Fee. A budget transfer and agreement between the City of Calistoga and Napa County will be requested at the same time as award of the construction contract by the Board of Supervisors.
Is it Mandatory or Discretionary?	Discretionary
Discretionary Justification:	Staff has identified the proposed projects as needing improvements based on the Napa County Pavement Management Program. The proposed projects are in the 5 Year Road Repair plan adopted by the Board of Supervisors.
Is the general fund affected?	No
Future fiscal impact:	Construction of the projects is expected to be complete in the fiscal year 2023-24.
Consequences if not approved:	Bidding of these projects will not proceed and will move construction of the improvements to a later fiscal year. Other projects with outside County funding sources may be impacted as a result.
County Strategic Plan pillar addressed:	Healthy, Safe, and Welcoming Place to Live, Work, and Visit

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: 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

Each of the three pavement maintenance repair areas of “Silverado Trail, Petrified Forest, Whitehall Lane Pavement Repair Project,” RDS 23-13, will require a different roadway rehabilitation method:

Silverado Trail from State Route (SR) 29 to the southern limit of the City of Calistoga will have cracks sealed, asphalt digout repairs, and a 2-inch overlay using rubberized asphalt to provide the best performance against cracking within the design life of up to 20 years. The City of Calistoga is working in cooperation with Napa

County developing a cost share agreement to fund the portions of the work within the City limits will be brought to the Napa County Board of Supervisors for approval with the construction award, currently scheduled for June 27, 2023. South of the City of Calistoga to the intersection of Larkmead Lane, crack sealing and digout repairs will be included in this scope, in preparation for a future pavement seal treatment. The pavement condition index (PCI) in this area is 33 (of 100) where the overlay will occur and between 85-87 south of Calistoga where the preventative maintenance will occur.

Petrified Forest Road from Franz Valley School Road to the Napa-Sonoma County line will receive crack sealing and digout repairs in the travel lanes. That section of roadway is scheduled for a future roadway seal in 2024. The PCI on this road segment is 71.

Whitehall Lane will have 3 inches of asphalt removed, and 4 inches of new asphalt placed with a geosynthetic paving fabric interlayer. Work will occur beginning near the intersection of SR 29, and, due to budget constraints, be limited to the first stone bridge (westerly 2800 feet). The PCI on this road length is 15.

The Project will provide maintenance to the road surface, resulting in safer travel for the public. Where the overlays occur, the Project will improve the road's pavement condition index to 100, with a renewed life span of 20 years. Where roads are prepared for future seals, the road conditions will be 100 once the seals are installed. The estimated total cost the Project is \$3.0 million.

Staff will return to the Board of Supervisors to verify the above noted project budget estimates, once bids are opened and the City of Calistoga cost share agreement is ready for approval.