



Legislation Text

File #: 22-1315, **Version:** 1

TO: Board of Supervisors

FROM: Steve Lederer - Director of Public Works

REPORT BY: Dewey Phan - Assistant Engineer

SUBJECT: Approval of Plans and Specifications, and Authorization to Advertise for Bids for the 2022 Annual Guardrail Repair, RDS 22-06

RECOMMENDATION

Director of Public Works requests the following actions regarding the 2022 Annual Guardrail Repair, RDS 22-06:

1. Approval to create a new Roads CIP Project for the 2022 Annual Guardrail Repair, RDS 22-06 (Fund 2040, Org 2040500, Project 22032); and
2. Approval of the plans and specifications for the “2022 Annual Guardrail Repair, RDS 22-06” and authorization to advertise for sealed bids and opening bids at 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

The 2022 Annual Guardrail Repair Project will repair damaged guardrails or replace old guardrails to improve traffic safety and comply with current standards. The base bid for this contract includes approximately 9,000 linear feet of guardrail on 15 Roads. An additional approximately 2000 linear feet of guardrail on 5 additional roads could be awarded through additive alternatives depending on how the bidding process goes.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	No
Where is it budgeted?	Revenue for this project is proposed from SB-1 funding. Project is budgeted in Fund 2040, Org 2040500, Project 22032 (SB-1 Annual Guardrail Repair Project).
Is it Mandatory or Discretionary?	Discretionary

Discretionary Justification:	Approval of the plans and specifications, and authorization to advertise are necessary to move the project forward toward construction to improve public safety.
Is the general fund affected?	No
Future fiscal impact:	This is an annual project and future fiscal impact will be routine maintenance.
Consequences if not approved:	If not approved, annual guardrail repair of County roads cannot begin, the damaged guardrail will result in potential road safety hazards on various roads throughout the county.
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

The Public Works Department maintains 420 miles of roads of which the County classifies 38 miles as arterial, 109 miles as collector, 259 miles as local, and 8 miles as gravel. The County maintains about 22 miles of guardrail.

Over many years, the County has constructed guardrails to help prevent drivers from driving into the Napa River, into creeks and down roadway embankments. Every year wayward drivers damage guardrails along County roads. Public Works staff created the attached list of County roads with damaged guardrail to repair. In the past, County staff have hired contractors to repair individual damaged guardrails or the Public Works Roads Division staff repaired the damage as time and funding allowed. With the advent of funding from SB 1, the County now designates about \$500,000/year specifically towards guardrail repairs. Last year, as part of the 2021 Annual Guardrail Repair Project, the County repaired a total of six guardrail locations. There is approximately \$125,000 budget left from last year’s guardrail repair to add to the \$500,000 budget that has been allocated for this year. County staff will come back to the Board to request for a budget transfer once bids are opened and exact costs are known in order to award the construction contract.

Public Works staff will continue with the annual program to repair guardrails. This will provide safety for the public and is a more cost effective method by repairing numerous guardrails with one construction contract to take advantage of economies of scale. The attached list of damaged guardrails includes those in the base bid, those that are part of the additive alternative, and those that will be carried over until next year. County staff prioritized the repairs based on safety and available funding and will repair the remaining damage (plus any

newly damaged guardrails) in future years. The list might change slightly once our final cost estimates are completed. County staff will confirm which roads we'll move forward with once we open bids and award the construction contract.

Staff recommends establishing this year's annual guardrail project, 2022 Annual Guardrail Repair Project, RDS 22-06, and approving the plans and specifications and authorization to advertise. Staff will return to the Board at a later date to present a detailed budget of the project based on the lowest bid, and request the award of a construction contract.