



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 1/29/2019

Agenda Placement: 6J

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: Mallika Ramachandran, Engineering Manager - 259-8194

SUBJECT: Sunnyhill Drive and Ridgecrest Drive Slide Repairs - Approve Plans and Specifications

RECOMMENDATION

Director of Public Works requests approval of plans and specifications 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 for the following projects:

1. Sunnyhill Drive Slide Repair, RDS 18-16, (PA-09-CA-4301-PW-01010(0), NANCC11), and
2. Ridgecrest Drive Slide Repair, RDS 18-22, (PA-09-CA-4301-PW-01061(0), NANCC10).

EXECUTIVE SUMMARY

During the storm event that started in January 2017, Sunnyhill Drive and Ridgecrest Drive, located in the Circle Oaks development in unincorporated Napa County, sustained significant damage. Sunnyhill sustained approximately 105 linear feet of road damage and associated downslope bank failure on the northern side of the roadway. The proposed repair for Sunnyhill Drive is to reconstruct the road with a 165-foot long concrete grade beam retaining wall. Ridgecrest Drive sustained approximately 200 feet of road slope creep damage and the proposed repair is to reconstruct the road with a 250-foot long concrete grade beam retaining wall.

Both projects qualify for federal funding from the Federal Emergency Management Agency (FEMA). The federal match for these projects is 75% FEMA, 18.75% California Office of Emergency Services (Cal OES) and 6.25% local match (Measure T). The total estimated project cost (design, project administration, construction and construction management) for Sunnyhill is estimated at \$1,301,000 and FEMA has approved \$679,674. The total estimated project cost for Ridgecrest is estimated at \$1,557,561 and FEMA has approved \$309,639.

Since these are large projects, staff anticipates that FEMA will approve the actual cost incurred for the design and construction of these projects.

FISCAL IMPACT

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| Is there a Fiscal Impact? | Yes |
| Is it currently budgeted? | Yes |
| Where is it budgeted? | There is \$323,593 appropriated for the Sunnyhill Drive slide repair and \$254,146 appropriated for Ridgecrest Drive slide repair, in respective funds (Fund 2040, Sub-Division 2040500, Program S7110, and Fund 2040, Sub-Division 2040500, Program S7109). Staff will request additional funds when the Board is asked to award the construction contract. |
| Is it Mandatory or Discretionary? | Discretionary |
| Discretionary Justification: | Board could choose to not advertise the project and not repair the roads at this time. |
| Is the general fund affected? | No |
| Future fiscal impact: | Staff will return to request additional funds with the award of a construction contract. The future fiscal impact will be limited to routine maintenance of the roads. |
| Consequences if not approved: | The slide repairs for these projects will not be completed and County will forfeit federal funds. |
| Additional Information: | The estimated project cost (design, project administration, construction, and construction management) expenses are estimated at \$1,301,000 for Sunnyhill Drive and \$1,557,561 for Ridgecrest Drive. The plan is to advance the funds from County Measure T funds to start construction. Once the project is complete and the reimbursement is received from FEMA, funds will be returned to Measure T. Non-FEMA/CalOES costs will be funded by Measure T. |

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.] . FEMA has determined that the project qualifies for a categorical exclusion under the National Environmental Policy Act.

BACKGROUND AND DISCUSSION

During the storm event that started in January 2017, significant damage occurred at several roads sites including at Sunnyhill Drive and Ridgecrest Drive, which are located in the Circle Oaks development in unincorporated Napa County. Sunnyhill Drive sustained approximately 105 feet of road and downslope bank failure on the northern side

of the roadway, where a portion of the road slid down the hillside threatening the remaining portions of the road. The proposed repair for Sunnyhill Drive is to reconstruct the road with a 165-foot long concrete grade beam retaining wall on cast-in-drilled hole concrete piles. Ridgecrest Drive sustained approximately 200 feet of slope creep from the heavy rains damaging the roadway. The proposed repair for Ridgecrest Drive is to reconstruct the road with a 250-foot long concrete grade beam retaining wall on cast-in-drilled hole concrete piles.

The projects qualify for federal funding from the Federal Emergency Management Agency (FEMA). The federal match for these projects are 75% FEMA, 18.75% California Office of Emergency Services (Cal OES), and 6.25% local match (Measure T).

The total estimated project cost (design, project administration, construction, and construction management) for Sunnyhill Drive Slide Repair is estimated at \$1,301,000. FEMA has approved \$679,674 for Sunnyhill Drive, and on April 10, 2018, the Board of Supervisors appropriated approximately \$320,000 dollars for the design of the Sunnyhill Drive slide repair. The total estimated project cost for Ridgecrest Drive Slide Repair is \$1,557,561. FEMA has approved \$309,639, and on April 10, 2018, the Board of Supervisors appropriated approximately \$250,000 for the design of the Ridgecrest Drive Slide Repair. Since these are large projects, staff anticipates that FEMA will approve the actual cost incurred for the design and construction of these projects.

Construction is anticipated to occur in Fiscal Year 2018-19 (weather permitting) or in Fiscal Year 2019-20. Appropriation of additional funds for construction will be requested with the award of the construction contract.

The 100% construction documents are complete and it is recommended that the Board of Supervisors approve the plans and specifications and authorize the Director of Public Works to advertise for sealed bids.

SUPPORTING DOCUMENTS

- A . BUDGET RIDGECREST
- B . BUDGET SUNNYHILL

CEO Recommendation: Approve

Reviewed By: Leigh Sharp