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Agenda Date: 8/29/2017

Agenda Placement: 6U

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: Redwood Road - MPM 1.31 Slide Repair - Award of construction contract

RECOMMENDATION

Director of Public Works requests the following related to Redwood Road Mile Post Marker (MPM) 1.31 Slide Repair Project No. S7104-31040:

1. Approval of Budget Transfer No. DPW012 increasing revenue and appropriations by \$392,590 for a total budget of \$1,595,000 in the Roads Capital Improvement budget, Program S7104 Redwood Road MPM 1.31 Storm Damage (4/5 vote required); and
2. Award of the contract for the Redwood Road Mile Post Marker (MPM) 1.31 Slide Repair Project No. S7104-31040 to Hillside Drilling, Inc. of Pt. Richmond, CA for their low base bid of \$850,975 and authorization for the Chair to sign the construction contract.

EXECUTIVE SUMMARY

During the January 2017 storm event, significant damage occurred at several roads sites. On January 31, 2017 the Board of Supervisors approved \$1,000,000 (from a reduction in the General Fund operating contingency) to start moving forward with these repairs. The Board also approved \$11,744,260 total for the six Storm projects as part of the Fiscal Year 2017-18 County budget to commence construction in advance of receiving Federal Emergency Management Agency (FEMA) and Federal Highway Administration (FHWA) reimbursement approval. Staff has yet to receive FEMA funding approval for these projects.

Redwood Road MPM 1.31 sustained road and bank failure. The damage consists of bank failure on the downslope side of the roadway. The proposed repair will result in repair of the roadway and installation of approximately 90' of retaining wall. There is currently \$1,202,410 budgeted for this specific project. Following opening of bids, the current estimated project cost including construction, design, construction management, inspection, testing, environment mitigations, permitting, etc. is \$1,595,000. The increased cost of the project is

being offset by the current savings from other projects within the six storm related projects described above (see spreadsheet attached to this agenda item). Although two projects still need to go out to bid, at this time, there is enough total savings in the combined projects to absorb this cost increase.

The Director of Public Works is recommending award of the construction contract and adjustment of the budget in order to commence repairs to the roadway.

FISCAL IMPACT

Is there a Fiscal Impact? Yes

Is it currently budgeted? Yes

Where is it budgeted? Fund 2040 - Subdivision 2040500 - Program S7104. On July 11, 2017, Board approved budget adjustment moving the appropriation and revenue from Program S7117 to Program S7104 for a total budget of \$1,202,410. Funds are being utilized in advance of receiving Federal Emergency Management Agency (FEMA) and Federal Highway Administration (FHWA) reimbursement approval.

Due to the emergency nature and complexity of this job, staff is requesting 25% contingency approval for this project. The estimated project cost including construction, design, construction management, inspection, testing, environmental mitigations, permitting, etc., is \$1,595,000. Staff is requesting a budget increase of \$392,590, bringing the total budget to \$1,595,000.

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.

Is the general fund affected? Yes

Future fiscal impact: The Board approved \$1,202,410 as part of the Fiscal Year 2017-18 County budget to commence construction on Wooden Valley Road MPM 3.0 (S7117) in advance of receiving Federal Emergency Management Agency (FEMA) and Federal Highway Administration (FHWA) reimbursement approval. However, Roads staff successfully performed emergency repairs to Wooden Valley MPM 3.0, and on subsequent site visits Redwood Road MPM 1.31 (S7104) was identified as an additional high priority project to be completed before the FY 2017-18 rain season. On July 11, 2017, the Board approved a budget adjustment moving the appropriation and revenue from Wooden Valley to the Redwood Road repairs.

With the bid opening, the new requested budget request is \$1,595,000, an increase of \$392,590 from the original budget. However, following bid openings on other emergency projects, there are cost savings of approximately \$1,323,350 from the Redwood MPM 5.07 (\$950,000), Redwood MPM 4.25 (\$100,000) and Howell Mountain Road MPM 3.62 (\$273,350) projects. This request is within the previous Board approval of \$11,744,260 total for the six projects. Staff is requesting Board approval of the budget transfer to increase the budget for Redwood Road MPM 1.31 using the cost

savings from the other projects. The decreases to the budget for the other projects mentioned will be done administratively with the approval of the County Executive Office as budget decreases do not require Board approval.

The County has requested FEMA funding, which should cover approximately 93% of the allowable costs of the project. However, FEMA has a tendency to try and underpay soft costs and the receipt of funding is not guaranteed and staff has yet to receive any FEMA funding approvals. Some projects do receive full funding while others may receive significantly less. Staff has completed site visits with FEMA and is working with this agency on the damage assessment and funding approval for this site. Once the County receives reimbursement from FEMA, funds will be returned to the General Reserves. Any amount not reimbursed by FEMA will then become a County cost. The construction will commence in Fiscal Year 2017-18 and it is anticipated that the County will receive reimbursement from FEMA in Fiscal Year 2019-20. 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.

Additional Information:

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The project consists of emergency repairs to existing public roadways damaged a result of a natural disaster in an area in which a state of emergency has been proclaimed by the Governor pursuant to the California Emergency Services Act. 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 (CEQA). [See Statutory Exemption "Emergency Projects" at 14 CCR §15269(a) and Categorical Class 1 ("Existing Facilities") at 14 CCR §15301.] The Construction will commence under Emergency Opening phase and the National Environmental Policy Act (NEPA) will be cleared after the completion of repair.

BACKGROUND AND DISCUSSION

During the January 2017 storm event, significant damage occurred at several roads sites. On January 31, 2017 the Board of Supervisors approved \$1,000,000 (from a reduction in the General Fund operating contingency) to start moving forward with these repairs. The Board further approved \$11,744,260 transfer from General Reserves as part of the FY 2017-18 budget to commence construction of the six storm projects that are highest priority sites. Redwood Road MPM 1.31 sustained road and bank failure. The road is at risk for complete failure. This is one of the sites identified as high priority to be completed before the FY 2017-18 rain season. The proposed repair is approximately 90' of soldier pile retaining wall and reconstruction of the failed roadway. The scope of work will also include backfilling behind the wall to provide 3' shoulder and installing a metal beam guard rail. The project also includes utility coordination and relocation to facilitate the repair.

On July 11, 2017 the Board of Supervisors approved plans and specifications for the Redwood Road MPM 1.31 and approved Budget Transfer No. DPW001 increasing revenue and appropriations by \$1,202,410 in the Roads Capital Improvement budget, Program S7104 Redwood Road MPM 1.31 Storm Damage Repair budget with an offsetting decrease in revenue and appropriations in Program S7117 Wooden Valley Road MPM 3.0. The project was advertised for bid on July 27, 2017 and bid opening was set for August 17, 2017. Bid were opened on August

17, 2017 and there was only one bid received. The successful bidder is Hillside Drilling, Inc. of Pt. Richmond, CA for a bid amount of \$850,975. Hillside Drilling, Inc. is not a local vendor.

The increased cost of the project is being offset by the current savings from other projects within the six storm related projects described above (see spreadsheet attached to this agenda item). Although two projects still need to go out to bid, at this time, there is enough total savings in the combined projects to absorb this cost increase.

As a result of the bid openings, the Director of Public Works is recommending award to the successful bidder and authorization for the Chair to sign the construction contract for the project.

SUPPORTING DOCUMENTS

A . Roads Storm Budget

CEO Recommendation: Approve

Reviewed By: Bret Prebula