



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 8/15/2017

Agenda Placement: 6N

NAPA COUNTY BOARD OF SUPERVISORS

Board Agenda Letter

TO: Board of Supervisors

FROM: Juan Arias for Steven Lederer - Director of Public Works
Public Works

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

SUBJECT: Old Sonoma Road Culvert - Authorize Program Supplement Agreement No. 040-F

RECOMMENDATION

Director of Public Works requests adoption of a resolution authorizing the Director of Public Works or designee to sign Program Supplement Agreement No. 040-F and any future related documents with the California Department of Transportation for Administering Agency-State Agreement No. 04-5921F15 for the "Old Sonoma Road Culvert - DAF No. RAC-NAP-017-1".

EXECUTIVE SUMMARY

The Old Sonoma Road culvert at mile post marker 2.27 was damaged during the 2014 earthquake. A project to repair the culvert has qualified for Federal funding. The purpose of the Program Supplement Agreement presented herein for approval is to set up an instrument by which the California Department of Transportation (Caltrans) can reimburse the County for the project.

FISCAL IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	No
What is the revenue source?	There is currently no budget for this project. Staff is in the process of putting together project budgets for the design phase of various Earthquake Roads repair projects to be presented to the BOS on August 15, 2017. Old Sonoma Road Culvert - DAF No. RAC-NAP-017-1 was damaged in the 2014 earthquake and the site qualified for Federal Highway Administration (FHWA)

funds at 88.53% Federal reimbursement ratio. The total estimated project cost is \$805,000 (Federal share \$713,000 and County share \$92,000). The design phase is estimated to cost \$150,000, with grant funding covering \$132,794 and County share of \$17,206. There's a 90 days deadline to sign and return the Program Supplement Agreement to Caltrans.

Is it Mandatory or Discretionary? Discretionary

Discretionary Justification: Caltrans Program Supplemental Agreement No. 040-F will allow the County to receive the Federal Highway Administration (FHWA) funds in the amount of \$132,794 to complete the design phase for the "Old Sonoma Road Culvert - DAF No. RAC-NAP-017-1".

Is the general fund affected? No

Future fiscal impact: Once the Program Supplemental Agreement is approved and the design phase budget is approved by the Board, the design of this project will begin. For the design phase, the grant covers \$132,794 and the balance of the required funds of \$17,206 will come from County funds, exact source still to be determined as part of the larger earthquake and storm funding discussion. Total preliminary engineering design costs are estimated at \$150,000.

Consequences if not approved: The County has received funding approval to complete the design of the "Old Sonoma Road Culvert - DAF No. RAC-NAP-017-1". By not approving this item these funds will be forfeited and staff will not be able to move forward with the project.

Additional Information: This agreement does not commit the Board to actually do the project. However, without this agreement we would be giving up Federal imbursement to assist the County should we chose to move forward with the project.

ENVIRONMENTAL IMPACT

ENVIRONMENTAL DETERMINATION: The proposed action is not a project as defined by 14 California Code of Regulations 15378 (State CEQA Guidelines) and therefore CEQA is not applicable.

BACKGROUND AND DISCUSSION

The Old Sonoma Road culvert at mile post marker MPM 2.27 consists of a 25 foot long stone masonry arch and 60 inch diameter reinforced concrete pipe. The culvert was damaged in the August 24, 2014 earthquake. Extensive cracks approximately 1 inch wide along the entire perimeter of the existing stone masonry arch at various locations have been observed. Cracks at the asphalt roadway surface above the culvert have also been observed. The repair option will consist of strengthening the stone arch portion with a reinforced concrete shell over the outside of the stone arch segment.

The project has qualified for Federal Highway Administration (FHWA) funds at a 88.53% Federal reimbursement ratio. The total estimated project cost is \$805,000 (Federal share \$713,000 and County share \$92,000). On May 31, 2017, the California Department of Transportation approved authorization to proceed for the preliminary engineering phase and has issued the Program Supplement Agreement. The purpose of the Program Supplement Agreement is to set up an instrument by which the California Department of Transportation (Caltrans)

can reimburse the County for the project.

SUPPORTING DOCUMENTS

A . Resolution

CEO Recommendation: Approve

Reviewed By: Bret Prebula