



A Tradition of Stewardship
A Commitment to Service

Agenda Date: 2/11/2020

Agenda Placement: 6P

NAPA COUNTY BOARD OF SUPERVISORS Board Agenda Letter

TO: Board of Supervisors

FROM: Steven Lederer - Director of Public Works
Public Works

REPORT BY: Graham Wadsworth, Engineering Supervisor - 259-8331

SUBJECT: Brookside Drive Storm Damage Repair project, RDS 18-09 - Approve Plans and Specifications

RECOMMENDATION

Director of Public Works requests approval of plans and specifications for the Brookside Drive Storm Damage Repair Project, RDS 18-09 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

The 2017 Storm event caused a failure of a portion of Brookside Drive at Conn Creek in Angwin. The Brookside Drive Storm Damage Repair Project will install an 8-foot diameter pipe inside the existing 9-foot diameter pipe under the road and install two new 42" pipes above the 9-foot diameter culvert. A retaining wall and wingwalls will be constructed and the downstream slope of the roadway fill will be regraded and planted with native plants.

On December 5, 2017, the Board appropriated \$1.1 million from the General Fund for the Brookside Drive Storm Damage Repair Project for the design and construction of the Project.

FISCAL & STRATEGIC PLAN IMPACT

Is there a Fiscal Impact?	Yes
Is it currently budgeted?	Yes
Where is it budgeted?	Fund 2040 - Subdivision 2040500 - Program S7302. An appropriation of \$1.1 million from the General Fund for the Brookside Drive Storm

Damage Repair Project was approved by the Board on December 5, 2017 for the design and construction of the Project. There is currently approximately \$806,000 remaining in the project budget.

The current engineer's cost estimate for the construction of the Brookside Drive Storm Damage Repair Project exceeds the 2017 estimate by approximately \$483,000, and staff anticipates requesting a budget transfer with the request to award a construction contract at a future date. A possible source of funds for the budget transfer is SB1.

Is it Mandatory or Discretionary?

Discretionary

Discretionary Justification:

Approval of the plans and specifications and authorization to advertise for bids is necessary to move the project forward toward construction.

Is the general fund affected?

Yes

Future fiscal impact:

Construction is expected to commence in Fiscal Year 2019-20 and be complete in 2020-21, and 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.

County Strategic Plan pillar addressed:

Livable Economy for All - The Project will improve the existing transportation and roads system to safely accommodate all users.

Additional Information:

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.]

BACKGROUND AND DISCUSSION

The 2017 Storm event caused a failure of a portion of Brookside Drive at Conn Creek in Angwin. The Brookside Drive Storm Damage Repair Project will install a new, smaller 8-foot diameter pipe inside the existing 9-foot diameter pipe culvert under the road and install two new 42" pipes above the 9-foot diameter culvert. A retaining wall and wingwalls will be constructed and the downstream slope of the roadway fill will be regraded and planted with native plants.

On December 5, 2017, the Board provided General Fund appropriations for the Pope Canyon Road MPM 7.2 storm repair project in the amount of \$2.14 million, for Silverado Trail at Pratt Avenue storm repair project in the amount of \$2.5 million, and for this Brookside project in the amount of \$1.1 million. These were all rough estimates created after the storm event but before detailed design had commenced. The Pope Canyon Road MPM 7.2 project was completed \$40,000 below the estimated budget and Silverado Trail at Pratt Avenue completed \$100,000 below budget.

The current engineer's cost estimate for the construction of the Brookside Drive Storm Damage Repair Project is just under \$1.6 million. However, until bids are opened, construction costs cannot be known for sure. The increased estimate is driven primarily by requirements from the resource agencies calling for additional restoration of the water course above and below the existing culvert. While expensive, these improvements provide valuable environmental benefits. Staff anticipates requesting a budget transfer with the request to award a construction contract at a future date. Excluding the construction costs and contingencies, the soft costs for this project are estimated to be approximately \$580,000, which is 37% of the total project cost, which is within what's expected for this size of a project. A possible source of funds for the budget transfer is SB1, which was not available in 2017 when this project commenced.

It is recommended that the Board approve the plans and specifications for bidding.

SUPPORTING DOCUMENTS

A . Budget for Brookside Drive Repair

CEO Recommendation: Approve

Reviewed By: Leigh Sharp