



Legislation Text

File #: 2021-0587, **Version:** 1

To: Board of Supervisors

Department or Agency Name(s): Transportation and Public Works

Staff Name and Phone Number: Johannes J. Hoevertsz 707-565-2231

Vote Requirement: Majority

Supervisory District(s): First and Fourth

Title:

First Amendment to Professional Services Agreement with TRC Engineers Inc. for design of the Franz Creek Bridge Replacement Project.

Recommended Action:

Approve and authorize the Chair to execute a first amendment to the professional services agreement with TRC Engineers Inc. for design of the replacement of the Franz Valley School Road Bridge over Franz Creek, increasing the contract amount by \$89,819 for a new total not-to-exceed amount of \$719,997 and extending the contract term for an additional five years to December 31, 2027 (First and Fourth).

Executive Summary:

The Department of Transportation and Public Works (TPW) requests the Board approve the First Amendment to the design contract with TRC Engineers for replacement of Franz Valley School Road Bridge over Franz Creek. The proposed amendment extends the contract term to December 31, 2027 and will add design services for bridge alignment alternatives based on public feedback, retaining wall surveying and design, and a storm water treatment design.

Discussion:

The existing two-lane bridge on Franz Valley School Road over Franz Creek (Bridge Number 20C0326) has been found to be scour critical, requiring replacement. Scour critical is a technical term, referring to the erosion of soil around the bridge foundation caused by the flowing water in the creek. Over time, the erosion will weaken the foundation of the existing bridge. The Franz Valley School Road Bridge Replacement project will include improvements to the roadway approaches and pertinent facilities. The new bridge will comply with current roadway, drainage and bridge standards which include the ability to allow passage of a 100-year rain storm event. The project is receiving federal funds and must satisfy all requirements of the Federal Highway Bridge Program, including approval by Caltrans.

The Board approved the original design contract with TRC Engineers Inc. on October 24, 2017 for an amount not to exceed \$630,178 and expires on December 31, 2022. Based on public feedback regarding the project, several additional bridge alignment alternatives were considered. Alignment studies revealed the need for the design of a retaining wall and embankment which will require additional surveying. In addition, a Low Impact Development storm water treatment design is needed to meet new environmental requirements.

In order to allow for TRC Engineers to provide the design related services described above, the Department of

Transportation and Public Works recommends that the Board approve the First Amendment to the design contract, increasing the contract amount by \$89,819 for a new not-to-exceed amount of \$719,997 and extending the contract term to end December 31, 2027.

The impact of not authorizing this amendment would mean that the project could not be completed and no bridge replacement would be possible. The existing bridge would remain at risk of failure. Project cancellation would also require repayment of all federal funds disbursed to date.

Prior Board Actions:

10/24/2017, Item 23: Board approved agreement with TRC Solutions for engineering design work for Franz Creek Bridge replacement.

FISCAL SUMMARY

Expenditures	FY 21-22 Adopted	FY22-23 Projected	FY 23-24 Projected
Budgeted Expenses	\$44,910	\$44,909	
Additional Appropriation Requested			
Total Expenditures	\$44,910	\$44,909	
Funding Sources			
General Fund/WA GF			
State/Federal	\$44,910	\$44,909	
Fees/Other			
Use of Fund Balance			
Contingencies			
Total Sources	\$44,910	\$44,909	

Narrative Explanation of Fiscal Impacts:

Expenses for the Franz Valley bridge project were programmed into the FY 2021-22 Roads Capital (11051-34010101) recommended budget. Ongoing costs will be included in future fiscal year budget requests. Bridge replacement projects are typically reimbursed through the federal Highway Bridge Program, and TPW has applied for 100% reimbursement of the costs associated with this proposed amendment. There is a potential risk that the funding will be denied however, TPW believes the reimbursement request will ultimately be approved. In the event the request is denied TPW will draw on other funding sources such as allocations from SB1 and/or HUTA.

Narrative Explanation of Staffing Impacts (If Required):

N/A

Attachments:

Location Map

Related Items "On File" with the Clerk of the Board:

First Amendment
Original Agreement