



Legislation Text

File #: 2022-0432, **Version:** 1

To: Board of Directors, Sonoma County Water Agency
Department or Agency Name(s): Sonoma County Water Agency
Staff Name and Phone Number: Kevin Booker, 521-1865
Vote Requirement: Majority
Supervisorial District(s): First

Title:

Channel Drive Bridge Repair

Recommended Action:

Authorize Sonoma County Water Agency's General Manager to execute an agreement with Brelje and Race Consulting Engineers for engineering and design services for the Channel Drive Bridge Repair project through December 31, 2023, in the not-to-exceed amount of \$88,000 in a form approved by County Counsel. (First District)

Executive Summary:

Sonoma County Water Agency (Sonoma Water) currently owns and maintains the existing Channel Drive Bridge that crosses over the Santa Rosa Creek Diversion Channel which connects Santa Rosa Creek to Spring Lake. Sonoma Water has a desire to transfer ownership and maintenance of the bridge to the City of Santa Rosa. Prior to the transfer, Sonoma Water will make repairs to defects, as observed, by California Department of Transportation. Sonoma Water has contacted Brelje & Race to assist with the project.

Discussion:

HISTORY OF ITEM/BACKGROUND

Sonoma Water currently owns and maintains the existing Channel Drive bridge (the bridge) that crosses over the Santa Rosa Creek Diversion Channel which connects Santa Rosa Creek to Spring Lake. The bridge is a four span continuous reinforced concrete T-Beam bridge with a concrete deck, concrete column bents, and monolithic wingwalls that was originally constructed in 1959. The bridge is located approximately 300 feet south of the Montgomery and Channel Drive intersection. The bridge is used as the primary public vehicular access route to Spring Lake County Park and the City of Santa Rosa residential subdivisions of Melita Heights and Spring Meadows. Sonoma Water has a desire to transfer ownership and maintenance of the bridge to the City of Santa Rosa (City). The observed defects, as observed by California Department of Transportation of California (Caltrans), need to be addressed, as a condition of the ownership transfer.

Caltrans' Structure Maintenance and Inspections department periodically performs a routine inspection of the bridge in accordance with Title 23 of the Code of Federal Regulations (Federal Highway Act) and the National Bridge Inspection Standards (NBIS). No major structural deficiencies were observed in the August 30, 2012, or August 4, 2020, inspection reports. Noted defects included minor cracks and spalls, erosion near one of the abutments, and alligator cracking and settlement of the asphalt concrete roadway approaching the bridge abutments. Treating the bridge deck with a methacrylate resin to seal cracks in deck is also recommended in

the Caltrans inspection reports.

SELECTION PROCESS

Brelje and Race Consulting Engineers (Consultant) was selected from a list of qualified consultants developed from a prior competitive selection process. Attached is a memo that explains the previous competitive selection process.

Consultant was selected for the subject work because of their road and bridge expertise and knowledge of the area.

Sonoma Water may seek to amend or enter into subsequent agreement(s) with Board approval if required, relying upon this competitive selection process, after the preliminary or initial work is completed for the Project.

SERVICES TO BE PERFORMED

Under the proposed agreement, Consultant will provide engineering and design services including developing construction documents for repairing bridge defects noted in the Caltrans inspection reports, rehabilitating the adjacent asphalt roadway approaches, and treating the bridge deck.

The cost of services will not exceed \$88,000; the term end date is December 31, 2023.

The agreement includes two options for Sonoma Water to extend this agreement for a period of one year each by providing written notice to Consultant thirty days in advance of the expiration date of the agreement and of the first extension option.

Strategic Plan:

This item directly supports the County's Five-year Strategic Plan and is aligned with the following pillar, goal, and objective.

Pillar: Resilient Infrastructure

Goal: Goal 3: Continue to invest in critical road, bridge, bicycle, and pedestrian infrastructure.

Objective: Objective 1: Continue to maintain road segments, including designated turnouts where feasible, increase efforts on vegetation removal and drainage features, and improve pavement conditions in neighborhoods.

This project will help to maintain Channel Drive Bridge structure in addition to repair/rehabilitate the pavement allowing travel across it easier.

Sonoma County Water Agency Strategic Plan Alignment

None

Prior Board Actions:

None

FISCAL SUMMARY

Expenditures	FY 21-22 Adopted	FY22-23 Projected	FY 23-24 Projected
Budgeted Expenses	88,000		
Additional Appropriation Requested			
Total Expenditures	88,000		
Funding Sources			
General Fund/WA GF			
State/Federal			
Fees/Other	88,000		
Use of Fund Balance			
Contingencies			
Total Sources	88,000		

Narrative Explanation of Fiscal Impacts:

Budgeted amount of \$88,000 is available from FY 2021/2022 appropriations for the Flood Control Zone 1A Laguna Mark West Fund. No additional appropriation is required.

Staffing Impacts:			
Position Title (Payroll Classification)	Monthly Salary Range (A-I Step)	Additions (Number)	Deletions (Number)

Narrative Explanation of Staffing Impacts (If Required):

N/A

Attachments:

None

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

Selection Memo