



BOARD OF SUPERVISORS  
AGENDA LETTER

Agenda Number:

Clerk of the Board of  
Supervisors

105 E. Anapamu Street, Suite  
407

Santa Barbara, CA 93101  
(805) 568-2240

Department Name: Public Works

Department No.: 054

For Agenda Of: May 11, 2021

Placement: Administrative

Estimated Time:

Continued Item: No

If Yes, date from:

Vote Required: Majority

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**TO:** Board of Supervisors  
**FROM:** Department Director: Scott D. McGolpin, Public Works Department, 568-3010  
Contact Info: Chris Sneddon, Deputy Director, Transportation, 568-3064  
**SUBJECT:** Fernald Point Lane Bridge Replacement at Romero Creek; Existing Bridge No. 51C-137, New Bridge No. 51C-0362 Federal Project No. BRLO-5951(141); County Project No. 862330; First Supervisorial District

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**County Counsel Concurrence**

As to form: Yes

**Other Concurrence: Risk Management**

As to form: Yes

**Auditor-Controller Concurrence**

As to form: Yes

**Recommended Actions:**

That the Board of Supervisors;

- a) Approve the plans and specifications, on file in the Public Works Department Office, for construction of the Fernald Point Lane Bridge Replacement at Romero Creek; Existing Bridge No. 51C-137, New Bridge No. 51C-0362; Federal Project No. BRLO-5951(141); County Project No. 862330; First Supervisorial District;
- b) Award the attached construction contract in the amount of \$2,406,700 to the lowest responsible bidder, Beador Construction Company, Inc., 26320 Lester Circle Corona, CA 92883 (Not a Tri-County vendor), subject to the provision of documents and certifications, as set forth in the specifications applicable to the project, as required under California law;
- c) Approve and authorize the Chair to execute the attached construction contract, which has been reviewed and approved by County Counsel, Auditor-Controller and Risk Manager, or their authorized representatives;
- d) Authorize the Public Works Director, or designee to approve change orders for a contingency amount up to \$133,415, plus an additional amount of \$11,600 for supplemental work items for the construction of Fernald Point Lane Bridge Replacement at Romero Creek; Existing Bridge

No. 51C-137, New Bridge No. 51C-0362; Federal Project No. BRLO-5951(141); County Project No. 862330; First Supervisorial District, for a total not to exceed authorization of \$2,551,715;

- e) Approve and authorize the Chair to execute a professional services contract for Materials Testing with Twining, Inc.(a Tri-County vendor) 1868 Portola Road, Suite G, Ventura, CA 93003, in the base amount of \$57,471, for the Fernald Point Lane Bridge Replacement at Romero Creek; Existing Bridge No. 51C-137, New Bridge No. 51C-0362; Federal Project No. BRLO-5951(141); County Project No. 862330; which has been reviewed and approved by County Counsel, Auditor-Controller and Risk Manager, or their authorized representatives;
- f) Authorize the Director of Public Works or designee to approve changes or additions to the Material Testing work, including extending the time duration of the contract, being performed under the professional services contract with Twining, Inc. in the amount not to exceed \$5,887; plus an additional amount of \$1,400 for supplemental costs and;
- g) Find that pursuant to State of California Environmental Quality Act Guidelines Section 15162, no substantial changes are proposed, and no new information of substantial importance has come to light regarding environmental effects of the project or of the sufficiency or feasibility of mitigation measures, and therefore the proposed actions are within the scope of the Mitigated Negative Declaration (15NGD-00000-00005) and Mitigation Monitoring Program adopted by the Board upon approval of the project on June 21, 2016, and therefore no new environmental document is required.

**Summary Text:**

This item is on the agenda to award the Construction Contract, and Materials Testing professional services contract for the Fernald Point Lane Bridge Replacement at Romero Creek.

**Construction Contract**

This item is on the agenda to award the construction contract for Fernald Point Lane Bridge Replacement at Romero Creek Existing Bridge No. 51C-137, New Bridge No. 51C-0362 Federal Project No. BRLO-5951(141); County Project No. 862330; First Supervisorial District to the lowest responsible bidder, Beador Construction Company, Inc.

On Friday, April 9, 2021, one (1) bid was opened for the Project. Beador Construction Company, Inc. submitted the lowest responsible bid in the amount of \$2,406,700, which is 28% above the Engineer's Estimate. The Department analyzed the bid and determined the lowest bidder is responsible and responsive. The estimate did not accurately reflect the current competitive bid environment, in which construction bids have been higher than expected due to ongoing bridge and major infrastructure repair projects both locally due to the reconstruction efforts following the Thomas Fire Debris Flow event, the multiple construction seasons involved, supply chain issues, and the current and anticipated effects of COVID-19 on workforce availability. Additionally, due to the specialized nature of the project, the contractor must coordinate with multiple utility owners to relocate existing facilities from existing bridge, first to the temporary structure and then back into the replacement structure, and maintain an aggressive construction schedule to complete work within environmentally permitted construction windows. This project is 100-percent funded with Federal Highway Bridge Program (HBP) and Toll Credits as the local match, which will cover these additional costs to construct.

The Project was bid in accordance with the Public Contract Code, which requires the award to go to the lowest responsible bidder. Public Works recommends awarding this contract to Beador Construction Company, Inc.

### **Materials Testing Professional Services Contract**

On May 14, 2020, the Public Works Department advertised a Request for Proposals (RFP) via email to 6 area vendors (Earth Systems, NV5, Twining, Pavement Engineering, Pacific Materials Lab and Fugro) seeking Materials Testing services for the Fernald Point Lane Bridge over Romero Creek replacement project. Two Material Testing firms submitted proposals. Both proposals were evaluated and ranked based on criteria described in the RFP. Twining, Inc. was determined to be the most qualified firm. On March 13, 2021 Twining confirmed their June 4, 2020 proposal was still valid. Staff recommends awarding the Materials Testing services contract to Twining, Inc. based on their demonstrated competence, qualifications, and competitive cost.

### **Background:**

The project will replace the existing Fernald Point Lane Bridge No. 51C-0137. The existing bridge, built in 1959, is a single span concrete bridge 26'-8" wide, and varies from approximately 34'-6" to 54'-11" in length. The bridge abutments are integrated into the channel walls for Romero Creek. The existing structure currently has two temporary supports which were required to maintain legal loads until this replacement structure is built. The bridge length will remain similar to the existing length while the width of the proposed bridge is designed to meet the minimum AASHTO Standard of 22 feet (two 9' travel lanes and two 2' shoulders) which is similar in geometry to the adjoining roadway approaches. The new bridge will also clear span the creek and will be supported by spread footings with the abutments integrated into the channel walls. The bridge railings will be stained to have a rustic appearance.

Due to Fernald Point Lane being the sole access to the surrounding private residences and the projects proximity to the Union Pacific Railroad, adjacent properties will be accessed by a temporary bridge upstream of the existing bridge on a now vacant parcel. The permit conditions for the project restrict working days to June 1<sup>st</sup> through October 31<sup>st</sup> which will likely result in the project being completed in two work seasons. Due to sight distance concerns from heavy equipment operating during working hours the project will provide a single lane of one-way reversible traffic controlled by flaggers. During non-working hours the single lane of one-way reversible traffic will have clear line of sight and traffic will be stop controlled. Additionally, the project will require periodic full roadway closures with a maximum of 15-minute delays. These temporary road closures will be conducted in coordination with emergency service providers and construction signs will notify the traveling public prior to closures.

Construction is scheduled to begin in June 2021, and end in winter of 2022 weather dependent.

On June 21, 2016, the Board approved, ratified and authorized the Director of Public Works to advertise for bids to construct the project, as well as approved the CEQA Mitigated Negative Declaration (15NGD-00000-00005) and Mitigation Monitoring Program for this project.



862330 Fernald Pt. Ln. Bridge Looking Downstream.

Two temporary supports installed to maintain legal loads access (Fire/Ambulance/Trash trucks).

**Fiscal and Facilities Impacts:**

Budgeted: Yes

**Fiscal Analysis:**

<b><u>Funding Sources</u></b>	<b><u>Total One-Time Project Cost</u></b>
<b><u>Construction Contract</u></b>	
Highway Bridge Program	\$2,259,033
Toll Credits	\$292,682
Total:	\$2,551,715
<b><u>Professional Services Contract</u></b>	
Highway Bridge Program	\$57,330
Toll Credits	\$7,428
Total	\$64,758

**Narrative:**

The total construction cost, including supplemental work and contingencies amounts to \$2,551,715. Highway Bridge Program (HBP) funds will fund \$2,259,033 (88.53%) of the construction. Toll Credits will fund the remaining \$292,682 (11.47%). Funds for this project are budgeted in Dept. 054, Fund 0017, Org Unit 0600, Program 2820, and Account 7510.

The total professional service contract cost, including supplemental cost and contingencies amounts to \$64,758. Highway Bridge Program (HBP) funds will fund \$57,330 (88.53%) of the costs. Toll Credits will fund the remaining \$7,428 (11.47%). Funds for this project are budgeted in Dept. 054, Fund 0017, Org Unit 0600, Program 2820, and Account 7460.

**Special Instructions:**

Please forward the following to Gail Ocheltree, Public Works, Transportation, 123 E. Anapamu Street, extension 83094:

- A certified, stamped Minute Order approving these Board actions
- One original executed contract for Clerk and two duplicate signature pages to return to Public Works
- *Original*, fully executed Special Provisions signature sheet (keep a copy for your files)
- *Original*, fully executed Title Sheet and (one half-size) (keep a copy for your files)
- One original executed material testing contract for Clerk and two duplicate signature pages to return to Public Works

**Attachments:**

- Attachment A: Contract for the Construction of Fernald Point Lane Bridge Replacement at Romero Creek; Existing Bridge No. 51C-137, New Bridge No. 51C-0362; First Supervisorial District (County Project No. 862330)
- Attachment B: Original Signed Special Provisions Signature Sheet
- Attachment C: Original and half size Title Sheet
- Attachment D: Materials Testing Professional Services Contract (1 original, 2 duplicate signature sheets)

**Authored by:**

Ron Bensel, Project Manager, (805) 568-3311

Phil Gaston, Construction Resident Engineer, (805) 803-8776