



ITEM ID: 2025-101-0

TRANSMITTAL DATE: March 21, 2025

MEETING DATE: March 28, 2025

TO: Board of Directors

FROM: Justin Fornelli, Chief, Program Delivery

SUBJECT: Approve Cooperative Agreement No. 202141212 with Orange County Public Works for San Juan Creek Bridge Replacement Project Sheet Pile Wall Re-Alignment and authorize negotiation of amendment to contract E752-23 Jacobs Engineering Group

Issue

A Cooperative Agreement between the Authority and the Orange County Public Works (OCPW) is required to complete the design and construction of a sheet pile wall within the OCPW's right-of-way, associated with the San Juan Creek Bridge Replacement Project. In addition, the Authority needs to amend Contract E752-23, with Jacobs Engineering Group to complete the sheet pile wall design and provide design services during construction.

Recommendation

Contracts, Operations, Maintenance and Safety Committee recommended (5-0) that the Board authorize the CEO to:

1. Negotiate and execute a Cooperative Agreement with Orange County Public Works (OCPW) in the not-to-exceed amount of \$2,000,000.00 for the design and construction of a sheet pile wall in OCPW's right-of-way as part of the San Juan Creek Bridge Replacement Project, subject to OCPW's Board approval; and
2. Upon the execution of the Cooperative Agreement, negotiate and amend Contract No. E752-23 with Jacobs Engineering Group to design and provide design services during construction of the Sheet Pile Wall being requested by OCPW.

Strategic Commitment

This report aligns with the Strategic Business Plan commitment of:

- **Advancing Key Regional Goals:** We will grow the role of regional rail in addressing climate change, air quality, and other pressing issues by advancing toward zero emissions, making rail a compelling alternative to single-occupant automobiles and advancing equity-focused opportunities for all communities throughout Southern California. The San Juan Creek Bridge project is a critical State of Good Repair project that will serve Orange County and the LOSSAN corridor for the next 100 years.

Background

The scope of the San Juan Creek Bridge Replacement Project, which is being funded by OCTA under Cooperative Agreement C-0-2540, includes the complete replacement of the existing railroad bridge. As part of the bridge replacement, a series of sheet pile walls are being constructed which support the new railroad bridge and the portions of San Juan Creek in OCTA's right-of-way. During permit coordination with Orange County Flood Control District (OCFCD), which is a department within Orange County Public Works (OCPW), OCFCD requested that the Authority expand the scope of the project to include the construction of additional sheet pile walls, tying into existing OCFCD sheet pile walls in San Juan Creek.

There are multiple benefits of performing this work now, it will prevent the need for additional regulatory permits, and prevent future coordination efforts between OCFCD, OCTA and the Authority which could require additional costs to OCTA and OCFCD to coordinate right of entry or protect OCFCD crews from the movement of trains through San Juan Capistrano. OCFCD has indicated that they intend to do this work in the future and completing it now would simplify coordination between all parties, especially because the Authority already has a Contractor mobilized and performing an identical scope.

Discussion

On April 28, 2023, the Board awarded Jacobs a design services during construction contract in the amount of \$940,547.11. Jacob's design currently only includes Sheet Pile walls within the OCTA right-of-way, not the expansion of OCFCD's pile walls.

The cooperative agreement with OCPW will require two deposits from OCPW before work can proceed. The first deposit will be for the design phase of the project, and 2nd deposit will be for the Construction phase which will include the remaining projected costs for the project once the design and estimate is completed. OCPW will be responsible for and reimburse the Authority for all costs associated with design, building, and support services during construction for the installation of sheet pile walls in OCPW right-of-way. Support costs include Authority staff costs, design, construction management, flagging, project management and other miscellaneous items. This Agreement has been reviewed by OCPW pending OCPW Board approval.

The additional scope for Jacobs Engineering Group is broken into three parts:

1. Design of the Sheet Pile Wall for OCPW
2. Design Support During Construction of the Sheet Pile Wall for OCPW
3. Re-Alignment and Design of the Sheet Pile Wall in OCTA R/W (funded through Coop

Agreement C-0-2540 with OCTA)

Items 1 & 2 of the additional scope will be negotiated once OCPW approves the budget authorization at their Board Meeting in April 2025 and execute the Cooperative Agreement with the Authority.

Budget Impact

There is no budget impact as a result of entering into a Third-Party Agreement with OCPW or increasing the Contract Funding Authorization for Jacobs Engineering Group (E752-23). A portion of the funding authorization for E752-23, is covered under the existing Cooperative Agreement with OCTA C-0-2540.

Next Steps

Upon Board approval, staff will negotiate and execute the cooperative agreement with OCPW then negotiate and execute an amendment for Contract No. E752-23 with Jacobs Engineering Group.

Prepared by: Aaron Azevedo, Director, State of Good Repair

Approved by: Justin Fornelli, Chief Program Delivery