

ENVIRONMENTAL SCOPE OF SERVICES

El Camino Real Bridge Project Scope for Environmental Monitoring During Construction

This document is provided as a summary of the environmental monitoring and reporting by that will be the contractor's responsibility during construction. Refer to the Project Specifications, the Environmental Commitment Record, and the regulatory permits for detailed information on these tasks.

A. General Requirements

This Project Scope is based on the following:

- US Army Corps of Engineers (USACE) Section 404 Nationwide Permit 14 terms and conditions (#2011-00227S March 30, 2022);
- US Fish and Wildlife Service Federal Endangered Species Act Section 7 Programmatic Biological Opinion for Projects Funded or Approved under the Federal Highway Administration's Federal Aid Program (PBO 8-8-10-F-58 (2011), confirmed by USFWS letter dated May 22, 2018);
- National Marine Fisheries Service Federal Endangered Species Act Section 7 Biological Opinion September 12, 2018;
- Regional Water Quality Control Board Section (RWQCB) 401 Water Quality Certificate 34020WQ21, February 24, 2022;
- California Department of Fish and Wildlife (CDFW) Lake and Streambed Alteration No. 1600-2020-0111-R4 approved by Operation of Law dated November 6, 2020;
- California Endangered Species Act (Fish and Game Code Section 2050 et seq.);
- California Environmental Quality Act Mitigated Negative Declaration, dated October 16, 2018; and
- Natural Environment Study, February 2018
- NEPA Certification October 30, 2018, and recertification April 28, 2022.

Requirements from these sources have been documented in the Project Environmental Commitment Record (ECR), dated Nov. 30, 2023, and included as Appendix B in the Contract Documents.

Based on the known and anticipated permit conditions, the Contractor shall provide qualified staff or acquire the services of a qualified consultant experienced in:

- identification of special-status wildlife and plants, appropriate/approved handling of wildlife, and regulatory protections for special-status species;
- bird identification, nest searches, and active nest monitoring;
- steelhead biology and ecology, aquatic habitats, biological monitoring, and capture, handling, and relocating of salmonids;
- amphibian biology and ecology and monitoring and handling for capture and relocation of California red-legged frogs, including lead CRLF monitor(s) that have been previously approved or have the credentials to be approved by Caltrans and USFWS pursuant to PBO 8-8-10-F-58, and familiarity with foothill yellow-legged frog;
- bat biology, behavior, and monitoring;
- in-stream turbidity monitoring;
- dewatering/diversion monitoring;
- cultural resources monitoring;

- general construction site monitoring for environmental concerns, including, for example, Environmentally Sensitive Area fencing, sedimentation and erosion controls, dust control measures, and water quality protection measures (e.g., spill response, refueling); and
- design and implementation of a paleontological mitigation plan by a qualified paleontologist.

B. Specific Tasks

1. Kick-off Meeting

Meet onsite with County staff to discuss project and background.

2. Pre-Construction Surveys and Coordination

Conduct pre-construction biological surveys required by ECR Measures 26-33; coordinate with the County if American badgers, bats, California red-legged frog, nesting birds, or any other sensitive species are identified in project impact areas; and oversee installation of ESA fencing, tree protections, and erosions/sediment control measures prior to construction start required by ECR Measures 17-21.

3. Construction-Related Environmental Compliance Services

The Contractor shall be responsible for the following:

(a) prepare materials for the required Worker Environmental Awareness Training related to biological resources, cultural resources, and environmental permit compliance; administer the training sessions for all project personnel throughout the construction period, and compile the necessary documentation (e.g., dates, training materials, trainer/qualifications, attendees) (ECR Measures 22-25)

(b) conduct the necessary biological construction monitoring and prepare reports for County review and submittal to the applicable agencies;

(c) provide proof of personnel with prior authorization from the U.S. Fish and Wildlife Service (or Caltrans on their behalf) to conduct monitoring and relocation activities for California red-legged frog, or provide the County with proposed biological monitor(s) credentials suitable for review and approval; coordination with the County on this requirement, including time for Caltrans review and approval if needed, should be completed prior to the start of any construction activities (ECR Measure 27);

(d) conduct biological monitoring and reporting as necessary throughout the construction period for applicable species and communicate with the County Environmental Programs Division immediately if agency communication requirements pertaining to special-status species are triggered;

(e) conduct cultural resources monitoring and reporting as necessary throughout the construction period and communicate with the County Environmental Programs Division immediately of any inadvertent discovery of cultural materials (ECR 61);

(f) conduct turbidity monitoring during dewatering activities, prepare weekly reports and submit to RWQCB with copies provided to the County (ECR Measures 45 and 46);

(g) communicate with the County in advance of any trimming or removal of native trees greater than 4-inch diameter at breast height so that the County can update the tree impact counts for tree replacement purposes (ECR Measure 4);

(h) communicate with the County regarding compliance with environmental requirements pertaining to other environmental compliance issues addressed in the ECR, including, for

example Environmentally Sensitive Area (ESA) fencing, sedimentation and erosion controls, dust control measures, water quality protection measures such as those pertaining to spills and refueling, previously unanticipated project impacts and/or project changes;

(h) complete post-completion reports for County review and submittal to the applicable agencies.

(i) the Contractor shall coordinate with the County on a bi-weekly basis, or more frequently in response to specific items above, to discuss the results of monitoring and tailor the frequency of on-going monitoring efforts.

4. Reports

The ECR includes a number of reports associated with biological and cultural monitoring activities to be prepared by the Contractor.

Additionally, the Contractor shall prepare a daily monitoring log to record project activities, events, observations, and other important communications. The Contractor shall complete a daily log for each day of monitoring and submit the logs to the County on a weekly basis. The logs shall include representative photographs to track the overall progress of the project while it is being constructed, and to document compliance with permit terms and conditions. Daily reporting shall address biological, cultural, and paleontological resources monitoring.

The Contractor shall prepare a Project Completion Report within 15 business days of the end of project activities. This report must satisfy the requirements of the various project permits and other conditions of approval for the project, and must follow the County's template (template will be provided to Contractor). The report must address biological, cultural, and paleontological resources. The report must include all pertinent information regarding special-status species, including California red-legged frog and steelhead. This information shall include the number of individuals captured, the relocation site, habitat at capture, and habitat at relocation site, if applicable.

C. Anticipated Schedule

The work window for the project in jurisdictional areas is from June 1 – October 31.