

Notice of Determination**- 1 -****To:**

Office of Planning and Research
 For U.S. Mail:
 P.O. Box 3044
 Sacramento, CA 95812-3044

Street Address:

1400 Tenth Street
 Sacramento, CA 95814

From:

California Department of Fish and Wildlife (CDFW)
 Bay Delta Region
 2825 Cordelia Road, Suite 100, Fairfield, CA 94534
 Contact: Robert Stanley, Senior Environmental Scientist
 Phone: (707) 428-2093

California Department of Transportation
 111 Grand Avenue, Oakland, CA 94612
 Contact: Wahida Rashid
 Phone: (510) 286-5935

SUBJECT: *Filing of Notice of Determination pursuant to Public Resources Code § 21108*

State Clearinghouse Number: 2018112055

Project Title: Solano I-80/I-505 Bridge Preventative Maintenance Project [California Endangered Species Act (CESA) Incidental Take Permit No. 2081-2020-018-03 (ITP)]

Project Location: The Solano I-80/I-505 Bridge Preventative Maintenance Project is located at two locations. Location 1, Horse Creek Bridge (Bridge No. 23-0077), located on Interstate 505 (I-505) at Post Mile (PM) 0.21. Location 2, McCune Creek Bridge (Bridge No. 23-0084), located on Interstate 80 (I-80) at PM 34.48 in Solano County. Horse Creek Bridge (Location 1) is approximately 0.85 miles north of the I-80/I-505 interchange, within the City of Vacaville, Solano County. McCune Creek Bridge (Location 2) is 6 miles northeast of the I-80/I-505 interchange on I-80. Location 1 and 2 are both located within the Allendale U.S. Geological Survey 7.5-minute topographic quadrant.

Project Description: The California Department of Transportation (Permittee) proposes to conduct the following: Horse Creek Bridge – Location 1, the Project is limited to the following; implement traffic control, installation of cut-off walls, repair of concrete spall, and installation of staging and access areas. Install temporary access road and staging areas, install temporary creek diversion system (TCDS). Add Portland cement concrete cut-off walls at both sides of Abutment 2 and the right side of Abutment 1. Cut-off walls will extend down 5 feet below existing grade, backfill abutments and wingwalls with approximately 4,875 square feet of rock slope protection (RSP) (0.25-T-size rocks approximately 2 feet deep). Repair concrete spalling on deck, remove TCDS and install erosion control.

McCune Creek Bridges – Location 2. remove one willow tree and one Chinese elm tree, located north of the westbound bridge at McCune Creek. Implement traffic control during the installation of the pile jackets, replacement of the longitudinal joint seals between the old and new structures, replacement of the lateral joint seal, repair of the concrete spalling, and installation of staging and access areas. Install temporary access road and staging areas. Install TCDS, excavate as needed and rebuild abutment slope embankments with engineered backfill and place RSP from the toes of slopes up to the abutment pile caps to prevent erosion. Pressure-pump grout or cement from underneath the deck or use of shotcrete to fill voids at the abutments. Once all the voids are filled, install RSP up to the pile cap/bridge soffit. Excavate 5 feet maximum around the columns at the bents. Install a fiberglass reinforced polyester and concrete jacket to the 30 existing, exposed 16-inch-diameter Raymond piles, new pile diameter will be 26 inches. Concrete will be pumped into the new pile jacket to fill the void between the new pile surface and the existing Raymond pile. The fiberglass reinforced polyester jackets will be installed up to 5 feet below original grade. Replace longitudinal and lateral joint seals on the bridge superstructure. Repair concrete spalling on deck. Remove TCDS, install erosion control and landscaping.

Location 1 has a 6.14-acre Biological Study Area (BSA) that encompasses Horse Creek and Location 2 encompasses a 6.09-acre BSA that for McCune Creek that incorporates all of the Caltrans Right-of-Way (ROW), collectively, the Project Area. The Project is expected to cause the permanent loss of 0.003 acres of foraging habitat for the Covered Species and the temporary loss of 0.582 acres of foraging habitat for the Covered Species at Horse Creek (Location 1) and permanent loss of 0.015 acres of foraging habitat for the Covered Species and the temporary loss of 1.016 acres of foraging habitat for the Covered Species at McCune Creek (Location 2). The Project will also result in the removal two riparian trees at McCune Creek. This Project is expected to cause the potential loss of only one (1) known nesting occurrence within the Project Area of both locations. Project activities and their resulting impacts are expected to result in the incidental take of individuals of the Covered Species. The activities that are expected to result in incidental take of individuals of the Covered Species include initial site setup, equipment and material delivery, clearing and grubbing, site preparation, exclusionary fencing installations,

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environmentally sensitive area fencing installations, pavement and concrete removal, concrete pump truck activities, vibratory driving of sheet piles, bridge maintenance and repair, soil excavation, soil compaction, grading work, pavement installation, heavy equipment operation, trenching, construction vehicle traffic, general vehicle traffic and personnel on foot. The project is expected to result in incidental take of Swainson's hawk take as defined by Fish and Game Code in the form of adverse impacts from excessive noise from the operation of heavy equipment and encroachment from individuals on foot that may result in nest abandonment and the loss of Covered Species eggs or juveniles, or in the form of capture to recover and transport injured Covered Species to care facilities of Swainson's hawk, designated as a threatened species under CESA. The ITP referenced above as issued by CDFW authorizes incidental take of species listed under CESA that may occur as a result of Project implementation.

This is to advise that CDFW, acting as [the lead agency / a responsible agency] approved the above-described project on 10/2/2020 and made the following determinations regarding the above described project:

1. The project [will / will not] have a significant effect on the environment (This determination is limited to effects within CDFW's permitting jurisdiction as a responsible agency).
 2. [An environmental impact report / A negative declaration] was prepared by the lead agency for the original project.
 3. Additional mitigation measures [were / were not] made a condition of CDFW's approval of the project.
 4. A mitigation reporting or monitoring plan [was / was not] adopted by CDFW for this project.
 5. A Statement of Overriding Considerations [was / was not] adopted by CDFW for this project.
 6. Findings [were / were not] made by CDFW pursuant to Public Resources Code § 21081(a). CDFW did, however, adopt findings to document its compliance with CEQA.
 7. Compliance with the environmental filing fee requirement at Fish and Game Code § 711.4 (check one):
 - Payment is submitted with this notice.
 - A copy of a receipt showing prior payment was submitted to CDFW.
- Responsible Agency statement: The Mitigated Negative Declaration prepared by the lead agency for the Project is available to the general public at the office location listed above for the lead agency. CDFW's administrative record of proceedings related to the incidental take permit is available to the public for review at CDFW's regional office.

DocuSigned by:

 Signature _____ Date: 10/2/2020
 Gregg Erickson, Regional Manager

Date Received for filing at OPR: _____