

*State of California Department of Transportation
District 3
North Region Environmental Planning*

**Natural Environment Study
No Effects Memorandum**

Date: 11/19/14

Project EA/Fed- Aid: EA 2F840/ EFIS 0313000303

Project Title: Railroad Intersection and Highway Profile Project

Project Location: State Route (SR) 162 at Post Mile 7.40, Butte County

Project Description:

- See attached Environmental Study Request
- See attached Preliminary Environmental Study

Project Setting: Project site is located on State Route 162, Post Mile 7.40 about 8 miles west of Oroville, from the Glenn County line to State Route 99.

Biological Setting: The entire study area has been modified by flood control activities and/or rice production. Other habitat types such as stream corridor/riparian and ruderal habitat occur in localized areas.

Study Methods:

- | | See Attached |
|---|---------------------|
| <input checked="" type="checkbox"/> Site Visit Date: 10/29/14 | |
| <input checked="" type="checkbox"/> CNDDDB | Yes |
| <input checked="" type="checkbox"/> USFWS Species List | Yes |
| <input type="checkbox"/> GIS Data | |
| <input checked="" type="checkbox"/> Aerial Photograph | |
| <input checked="" type="checkbox"/> Ground Level Photographs | |
| <input type="checkbox"/> Other: | |

Project Description: The project proposes to perform cold planing of existing asphalt concrete with a hot mix asphalt (HMA) overlay from edge of pavement to edge of pavement. This project will also require striping and shoulder backing. There will be no changes to the drainage profile. All work will be within the existing pavement limits. No new right of way is required.

Because of the nature of work, it is not expected that equipment or material staging areas will be needed. If the contractor requires such areas, the contractor will be responsible for securing locations for staging and storage.

State and Federal Statutes considered for this evaluation:

- Section 1602 of the CA Fish & Game Code
- Section 401 Water Quality Certification
- Section 404 of the Clean Water Act
- Section 402 of the Clean Water Act
- Section 10 of the Rivers and Harbors Act
- Section 9 of the River and Harbors Act
- Federal Endangered Species Act
- California Endangered Species Act
- Migratory Bird Treaty Act
- Fish and Wildlife Coordination Act
- Native Plant Protection Act
- Magnuson-Stevens Fishery Cons. & Mgmt. Act
- Executive Order 11990, Protection of Wetlands
- Executive Order 12962, Recreational Fisheries
- Executive Order 13112, Invasive Species
- Senate Concurrent Resolution No. 17: Oak Woodlands
- Other:

EFFECTS FINDINGS

- No biological resources were identified; no permits required
- Biological resources were identified. See avoidance measures below; no permits required

NOTES: Various agricultural and roadside ditches occur adjacent to the Environmental Study Limit. Many of the ditches are conveyance facilities for water from agricultural sources. An unnamed canal intersects SR 162 within the project ESL. However, there will be no changes to the existing drainage profile. Best Management Practices (BMPs) will be implemented to avoid discharges to these conveyance features.

An Army Corps of Engineers 404 permit, a Regional Water Quality 401 Permit, and a California Department of Fish and Game 1600 permit will not be required for this project. No Federal or State listed species will be impacted by the project.

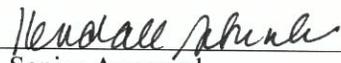
AVOIDANCE MEASURES (if included, Senior Environmental Planner Approval required)

- None
- Standard Measures
 - 1)
 - 2)
 - 3)
- Other: See Note Below

Notes: The giant garter snake (GGS) is listed both federally and by the State, as threatened. Giant garter snakes were not observed within or adjacent to the environmental study limit (ESL), but suitable habitat is present. However, because of difficulties in detecting this species, its presence is inferred, since the project area contains suitable habitat and is within its known range. The project will not affect GGS aquatic habitat. All of the work will occur within the pavement limits and not in the drainages.

Avoidance and minimization measures will follow provisions outlined in the Federal Highway Administration (FHWA) Programmatic Biological Opinion on the Effects of Small Highway Projects on the Threatened Giant Garter Snake in Butte, Colusa, Glenn, Sacramento, San Joaquin, Solano, Sutter, Yolo, and Yuba Counties, California. (USFWS No. 1-1-03-F-0154, dated January 24, 2005). These measures include limiting construction work to May 1 through October 1, which is during the GGS active period.

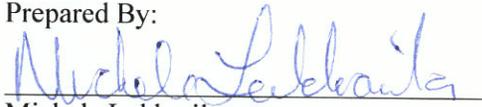
ALL WORK ON THE PROJECT WILL BE PERFORMED FROM THE CALTRANS RIGHT-OF-WAY.


Senior Approval

THE ADMINISTRATIVE RECORD FOR THIS PROJECT CONTAINS ALL PERTINENT SUPPORTING DOCUMENTS.

This environmental review has been completed with the best available information and includes a professional assessment of the proposed project's effects on the natural environment in accordance with all related laws, regulations and policies.

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