



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, SACRAMENTO DISTRICT
1325 J STREET
SACRAMENTO CA 95814-2922

408 Permission Section

PUBLIC NOTICE

**REQUEST FOR PERMISSION TO ALTER A U.S. ARMY CORPS OF ENGINEERS
PROJECT UNDER SECTION 408**

TITLE: Cottonwood Creek Bridge Replacement (19375).

PUBLIC NOTICE COMMENT PERIOD:

Begins: June 06, 2019.

Ends: July 06, 2019.

REQUESTER: In compliance with U.S.C. Title 33, Chapter 9, Subchapter 1, Section 408, the California Department of Transportation (Caltrans) (requester) has requested permission through the Central Valley Flood Protection Board (non-federal sponsor of the federally authorized project) from the U.S. Army Corps of Engineers (USACE) to alter the Sacramento River Flood Control Project, an existing federal flood risk management project, authorized by the Flood Control Act of 1917.

LOCATION: The proposed project is located where Highway 99 crosses Cottonwood Creek, approximately 5.53 miles northwest of Thermalito, in Butte County, California (Attachment 1).

REQUESTER'S PROPOSED ACTION: To remove the existing Cottonwood Creek Bridge (Br. No 12-0120) and construct a new bridge just upstream and east of the existing bridge. The roadway approaches would be realigned to match the new bridge, which would be approximately 146-feet long and 44-feet wide. Roadside ditches would be re-graded to facilitate drainage. Thirty-six 24-inch diameter steel pipe piles would be installed (using pile driving methods) to a depth of approximately 95 feet to support the new abutments and bridge structure, twenty-four of those piles would be placed in Cottonwood Creek. Rock slope protection would be installed adjacent to the new bridge abutments along the banks of Cottonwood Creek to protect the structure from future scour. Construction would have a duration of approximately 140 working days.

ENVIRONMENTAL IMPACTS OF PROPOSED ACTION: The project area consists of the paved roadway and shoulder of Highway 99 and adjacent ditches, swales, and a mixture of vegetation types represented by annual grasslands, riparian vegetation, and perennial and emergent hydrologic features (Attachment 2). The project area and Cottonwood Creek are surrounded by active agricultural fields, mainly for rice production. Some vegetation and trees would need to be removed to complete the proposed project. Installation of the steel pipe piles would require temporary dewatering of Cottonwood Creek.

Caltrans, acting as the lead federal agency on behalf of USACE, has completed consultation with the U.S. Fish and Wildlife Service (USFWS) under Section 7 of the Endangered Species Act for effects to the federally threatened giant garter snake (*Thamnophis gigas*). The USFWS issued a Biological Opinion for the project on August 01, 2018. Caltrans has committed to implementing standard best management practices, and conservation measures that include the purchase of 11.46 acres of giant garter snake conservation credits.

Using the January 2014 *First Amended Programmatic Agreement among the Federal Highway Administration, the Advisory Council on Historic Preservation, the California State Historic Preservation Officer, and the California Department of Transportation Regarding Compliance with Section 106 of the National Historic Preservation Act*, Caltrans completed consultation with the State Historic Preservation Office and Native American Tribes pursuant to Section 106 of the National Historic Preservation Act.

AUTHORITY: The authority to grant permission for temporary or permanent use, occupation or alteration of any USACE civil works project is contained in Section 14 of the Rivers and Harbors Act of 1899, as amended, codified at 33 U.S.C. 408 (“Section 408”). Section 408 authorizes the Secretary of the Army, on the recommendation of the Chief of Engineers, to grant permission for the alteration or occupation or use of a USACE project if the Secretary determines that the activity will not be injurious to the public interest and will not impair the usefulness of the project. The Secretary of Army’s authority under Section 408 has been delegated to the USACE, Chief of Engineers. The USACE Chief of Engineers has further delegated the authority to the USACE, Directorate of Civil Works and Division and District Engineers, depending upon the nature of the activity.

LIMITS OF SECTION 408 AUTHORITY: A requester has the responsibility to acquire all other permissions or authorizations required by federal, state, and local laws or regulations, including any required permits from the USACE Regulatory Program under Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Section 404 of the Clean Water Act (33 U.S.C. Section 1344), and/or Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413). In addition, an approval under Section 408 does not grant any property rights or exclusive privileges nor does it authorize any injury to the property or rights of others.

EVALUATION FACTORS: The decision whether to grant the requested permission for project alteration under Section 408 will be based on several factors. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. Review of requests for alteration will be reviewed by a USACE technical review team considering the following factors:

- 1) Impair the Usefulness of the Project Determination. The review team will determine if the proposed alteration would limit the ability of the USACE project to function as authorized, or would compromise or change any authorized project conditions, purposes or outputs. In order for an alteration to be approved, the requester must

demonstrate that the alteration does not impair the usefulness of the federally authorized project.

2) Injurious to the Public Interest Determination. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. Factors that may be relevant to the public interest evaluation depend upon the type of USACE project being altered and the nature of the proposed alteration and may include, but are not limited to, such things as conservation, economic development, historic properties, cultural resources, environmental impacts, water supply, water quality, flood hazards, floodplains, residual risk, induced damages, navigation, shore erosion or accretion, and recreation. This evaluation will consider information received from the interested parties, including tribes, agencies, and the public. The benefits that reasonably may be expected to accrue from the proposal must be compared against its reasonably foreseeable detriments. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks and by the net impact of the alteration on the public interest using the public interest factors.

3) Environmental Compliance. A decision on a Section 408 request is a federal action, and therefore subject to the National Environmental Policy Act (NEPA) and other environmental compliance requirements. While USACE is responsible for ensuring environmental compliance, the requester is responsible for providing all information that the Sacramento District identifies as necessary to satisfy all applicable federal laws, executive orders, regulations, policies, and procedures. NEPA and other analysis completed to comply with other environmental statutes (e.g. Endangered Species Act) should be commensurate with the scale and potential effects of the activity that would alter the USACE project. The Sacramento District will work with the requester to determine the requirements, which will be scaled to the likely impacts of the proposed alteration and should convey the relevant considerations and impacts in a concise and effective manner.

PUBLIC INVOLVEMENT: The purpose of this notice is to solicit comments from the public; federal, state, and local agencies and officials; tribes; and other interested parties regarding the Cottonwood Creek Bridge Replacement, a proposed alteration to an existing federally authorized project. Comments received within 30 days of publication of this notice will be used in the evaluation of potential impacts of the proposed action on important resources and in the evaluation of whether the proposed alteration would be injurious to the public interest and/or would impair the usefulness of the authorized project. Only the specific activities that have the potential to occupy, use or alter the Sacramento River Flood Control Project will be evaluated. Please limit comments to the area of the alteration and those adjacent areas that would be directly or indirectly affected by the alteration to the Sacramento River Flood Control Project. Please note that all comment letters received are subject to release to the public through the Freedom of Information Act.

SUBMITTING COMMENTS: Written comments, referencing Identification Number 19375 must be submitted to the office listed below on or before July 06, 2019.

Kaleigh Maze, Biologist
US Army Corps of Engineers, Sacramento District
1325 J Street, Room 1460
Sacramento, California 95814-2922

Email: *Kaleigh.Maze@usace.army.mil*

Attachments:

- 1) Vicinity and Location Maps
- 2) Habitat Types

Attachment 1 – Vicinity and Location Maps



Figure 1. Vicinity map of proposed project.



Figure 2. Proposed project location.

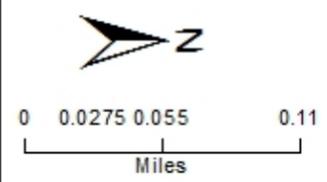
Attachment 2 – Habitat Types



Vegetation Types

- Annual grassland
- Emergent wetland
- Riverine/Perennial stream
- Rice field
- Riparian vegetation
- Environmental Study Limit
- Action Area
- Temporary Construction Easement
- Project Location

Vegetation Type	Area (Acres)
Annual grassland	5.8
Emergent wetland	1.5
Riverine/Perennial stream	0.1
Riparian vegetation	0.2
Rice field	2.0



Vegetation Types within the Project Action Area for Cottonwood Creek Bridge Replacement Project

EA: 2F290
County: Butte

