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## Central Valley Regional Water Quality Control Board

16 August 2016

Jason Meigs  
Caltrans, District 3  
2379 Gateway Oaks Drive, Suite 150  
Sacramento, CA 95833

CERTIFIED MAIL  
91 7199 9991 7035 8365 0692

***NOTICE OF APPLICABILITY; GENERAL 401 WATER QUALITY CERTIFICATION ORDER REQUIREMENTS FOR THE CALTRANS, GEOTECH DRILLING FOR TOWER BRIDGE FENDER REPLACEMENT PROJECT (WDID#5A34CR00662), SACRAMENTO AND YOLO COUNTIES***

On 1 July 2016, Caltrans (Applicant) filed a notification requesting coverage under the 19 April 2012 State Water Resources Control Board Clean Water Act Section 401 Water Quality Certification of United States Army Corps of Engineers 2012 Nationwide Permits (General Certification Order). After review of the notification and the supplemental material submitted by the Applicant, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has determined that the project qualifies for enrollment under this General Certification Order. The proposed activity will take place within less than 0.01 acre of streambed, which is identified as a waters of the United States.

The Central Valley Water Board is certifying this project under United States Army Corps of Engineers Nationwide Permit #6, (Survey Activities), subject to the conditions and the notification requirements described in the Nationwide Permit ("Special Conditions"). This Notice of Applicability is being issued under the General Certification Order pursuant to § 3838 of the California Code of Regulations.

A copy of the General Certification Order is enclosed. You can also find the General Certification Order on the State Water Resources Control Board's website at:

[www.waterboards.ca.gov/water\\_issues/programs/cwa401/docs/generalorders/nwp\\_401.pdf](http://www.waterboards.ca.gov/water_issues/programs/cwa401/docs/generalorders/nwp_401.pdf)

The project must proceed in accordance with the requirements contained in this Notice of Applicability and General Certification Order. Coverage under the General Certification Order is no longer valid if the project (as described) is modified.

**PROJECT DESCRIPTION:**

The Geotech Drilling for Tower Bridge Fender Replacement Project consists of performing a barge-mounted geotechnical investigation to investigate subsurface data to design replacement fenders on the Tower Bridge between the Cities of Sacramento and West Sacramento (see Figure 1). The barge requires a minimum water depth of 24 inches and may periodically come in contact with the bottom of the river. The barge is anticipated to be anchored to the existing piers to be kept stationary during drilling at each location. The proposed borings will be located adjacent to the existing fenders at piers 6 and 7 (see Figure 2), two borings at each pier.

The four borings will have maximum depths ranging from 125 to 150 feet using a rotary-wash wire-line punch core system. An outer casing with a diameter of 5 inches will be used to create a closed-circulation system and a drill pipe diameter of 4.5 inches will be used. The casing will be first driven to 10 to 15 feet below the mud-line and then advanced concurrently with the drilling bit until it casing is seated in dense, un-erodible soils or bedrock.

KARL E. LONGLEY SCD, P.E., CHAIR | PAMELA C. CREEDON P.E., BCEE, EXECUTIVE OFFICER

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11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | [www.waterboards.ca.gov/centralvalley](http://www.waterboards.ca.gov/centralvalley)

Soil sampling will occur at 5 foot intervals. After target depths are reached, the borehole in the river will be backfilled and sealed with quick drying cement. No dewatering is anticipated for the Project.

The Project will temporarily impact 0.01 acre/1.67 linear feet of waters of the United States.

**APPROXIMATE TIMEFRAME OF PROJECT IMPLEMENTATION:**

16 August through 30 September 2016

**PROJECT LOCATION:**

Section unsectioned, Township 9 North, Range 4 East, MDB&M.

Latitude: 38°34'49.924"N and Longitude: 121°30'30.026" W

If you have any questions regarding this Notice of Applicability, please contact Peter Minkel, Engineering Geologist, at 916-464-4684 or Peter.Minkel@waterboards.ca.gov

*Original Signed By Adam Laputz for:*

Pamela C. Creedon  
Executive Officer

Enclosure: Figure 1: Site Location Map  
Figure 2: Boring Location Map  
State Water Resources Control Board Clean Water Act Section 401 Water Quality  
Certification of United States Army Corps of Engineers 2012 Nationwide Permits

cc: Mary Pakenham-Walsh  
United States Army Corps of Engineers  
Sacramento District Headquarters  
1325 J Street, Room 1350  
Sacramento, CA 95814-2922

Tanya Sheya (Electronic copy only)  
Department of Fish & Wildlife  
Tanya.Sheya@wildlife.ca.gov

Bill Orme (Electronic copy only)  
State Water Resources Control Board  
StateBoard401@waterboards.ca.gov

Jason A. Brush (Electronic copy only)  
United States Environmental Protection Agency  
R9-WTR8-Mailbox@epa.gov

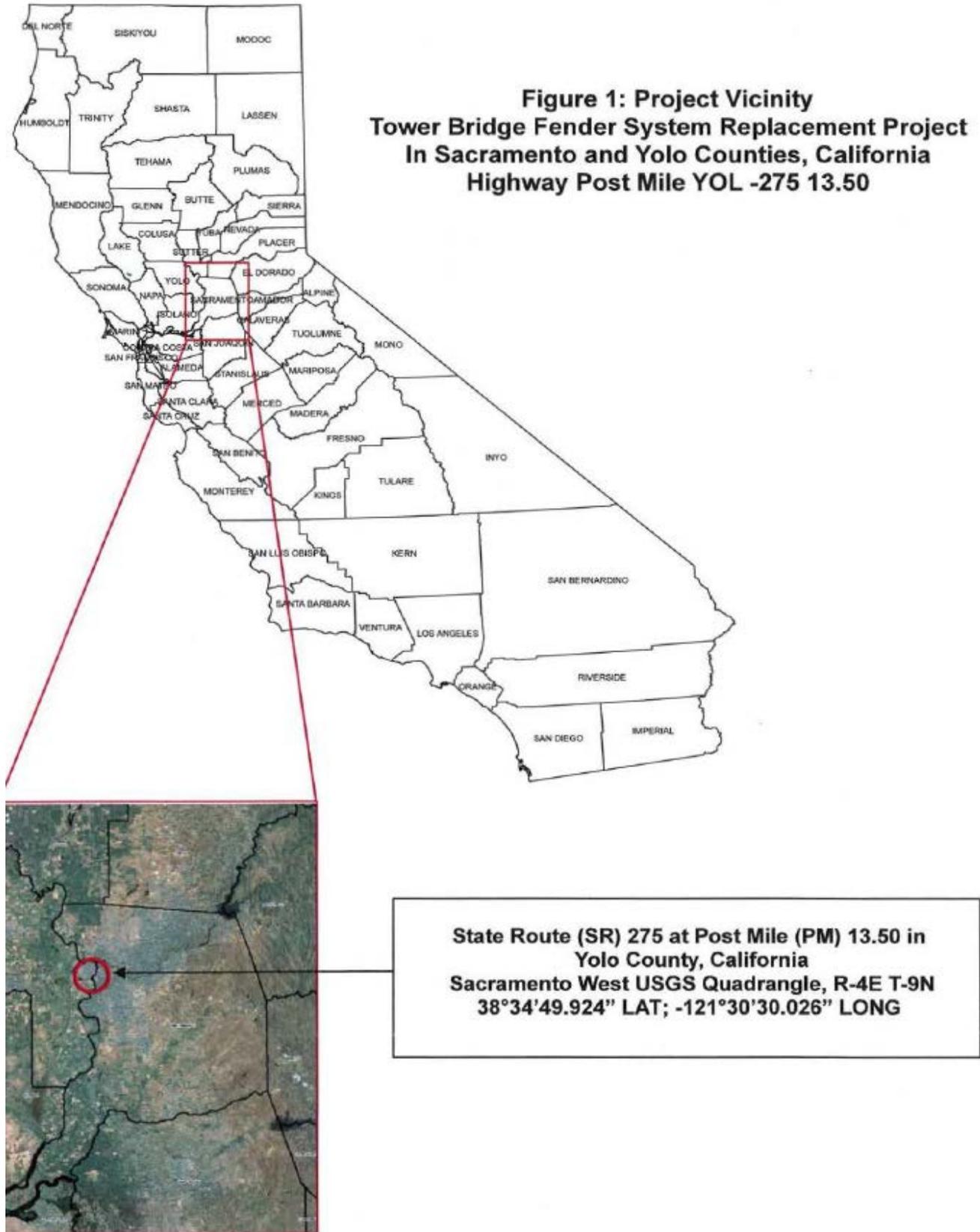


Figure 1 Site Location Map

