



Central Valley Regional Water Quality Control Board

24 September 2024

Tracy Bettencourt
City of Chico Public Works
411 Main Street, 2nd Floor
Chico, CA 95927

ORDER AMENDING CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION AND ORDER; CITY OF CHICO PUBLIC WORKS, SALEM STREET BRIDGE REPLACEMENT PROJECT, WDID NO. 5A04CR00342A1, BUTTE COUNTY

This Order responds to the 20 August 2024 request for an amendment of the Salem Street Bridge Replacement Project Section 401 Water Quality Certification (WDID No. 5A04CR00342). The original Water Quality Certification (Certification) was issued on 1 September 2022. The requested amendment is hereby approved, and the original Certification is therefore amended as described below. Please attach this document to the original Certification.

AMENDMENT:

City of Chico Public Works is requesting an amendment to the Certification to allow for the in-channel placement of a water diversion system during in-water construction activities within the original impact area. Therefore, Section IV; Section VII, Table 1; Section XII; Attachment A, Figure 3; and Attachment B, Table 2 are amended in underline format below.

IV. Project Description

The proposed Project will replace the bridge along the same alignment as the existing structure. The new bridge will accommodate two 12-foot travel lanes, 5-foot bike lanes, and 6-foot sidewalks. The profile will be lowered slightly, while maintaining the same bridge soffit elevation as the existing structure. The new bridge is anticipated to be a single span cast-in-place, post-tensioned concrete slab, approximately 70 feet long. Construction of the bridge will involve excavation for and construction of concrete abutments, situated on deep foundations. Other temporary work within Little Chico Creek includes removal of the existing structure, falsework erection and removal, and installation of scour countermeasures at the abutments. Little Chico Creek is typically dry during the construction season. However, in the event that water may be present, the use of a diversion system to ensure completion of all in-channel activities within the established work window may be necessary.

The temporary impact of the proposed diversion includes a dewatered area of 0.20 acre and temporary placement of coffer dam and dewatering pipe (0.02 acre/109.8 cubic yards/93 linear feet). The impact for the proposed diversion will be within the original impact area. Construction of the roadway approaches will involve removal of existing pavement and placement of aggregate base and hot mix asphalt pavement. New curb, gutter and sidewalk will be constructed on the approach roadways and will connect with the existing pedestrian facilities.

VII. Description of Direct Impacts to Waters of the State

Total Project fill/excavation quantities for all impacts are summarized in Tables 1 and 2. Permanent impacts are categorized as those resulting in a physical loss in area and also those degrading ecological condition.

Table 1: Total Project Fill/Excavation Quantity for Temporary Impacts¹

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	0.16	<u>367.9</u>	<u>190</u>

Table 2: Total Project Fill/Excavation Quantity for Permanent Physical Loss of Area Impacts

Aquatic Resources Type	Acres	Cubic Yards	Linear Feet
Stream Channel	0.04	276	88.1

XII. Fees Received

An application fee of \$2,417.00 was received on 18 July 2022. The fee amount was determined as required by California Code of Regulations, title 23, sections 3833(b)(3) and 2200(a)(3) and was calculated as Category A - Fill & Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

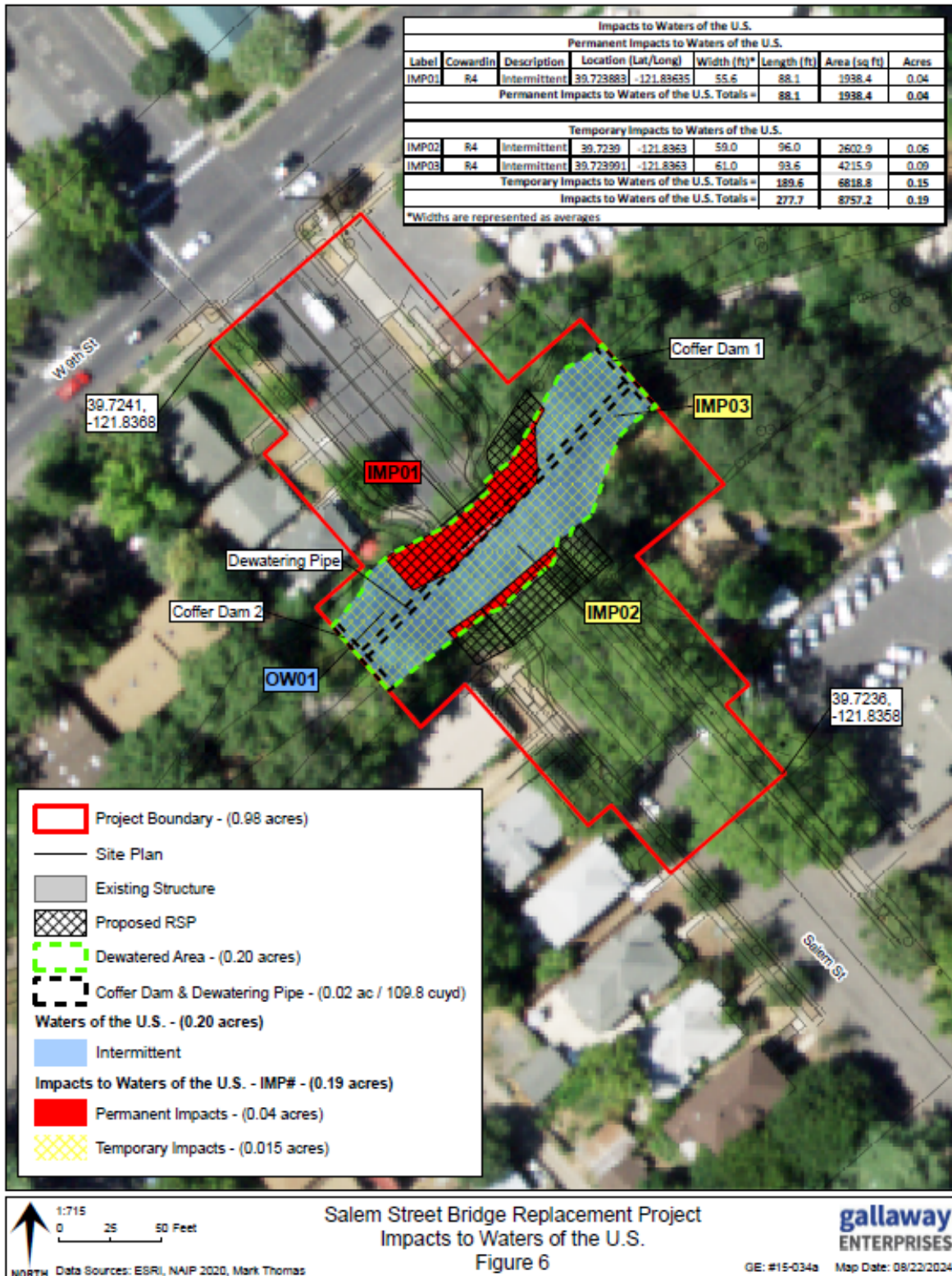
An additional fee of \$1,892.00 based on total Project impacts was received on 18 July 2022.

An additional standard fee for the requested amendment was assessed in accordance with California Code of Regulations, title 23, section 2200(a)(3); the minimum fee of \$2,985.00 was received on 19 September 2024.

¹ Includes only temporary direct impacts to waters of the state and does not include area of temporary disturbance which could result in a discharge to waters of the state. Temporary impacts, by definition, are restored to pre-project conditions and therefore do not include a physical loss of area or degradation of ecological condition.

Attachment A

Figure 3. Project Impacts Map



Attachment B

Individual Direct Impact Locations

The following tables show individual impacts.

Table 2: Individual Temporary Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
IMP-02	39.7239°	-121.8363°	No	<u>0.15</u>	<u>367.9</u>	<u>190</u>

Table 3: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
IMP-01	39.7239°	-121.8363°	No	0.04	276	88.1

CENTRAL VALLEY WATER BOARD CONTACT:

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WATER QUALITY CERTIFICATION:

I hereby issue an Amendment of existing Clean Water Act Section 401 Water Quality Certification and Order for Salem Street Bridge Replacement Project (WDID No. 5A04CR00342A1). All other conditions and provisions of the original Water Quality Certification and any previously approved amendments remain in full force and effect, except as modified based on the conditions of this Order. Failure to comply with the terms and conditions of the original Water Quality Certification, previously approved amendments, or of this Order may result in suspension or revocation of the Water Quality Certification.

Original Signed by Clint E. Snyder, AEO
For PATRICK PULUPA, Executive Officer
Central Valley Regional Water Quality Control Board

9/24/2024
Date

DLW: db

cc

via email: U.S. EPA, Region 9, San Francisco
Water Quality Certification Program, SWRCB, Sacramento
Ashley Bernard, U.S. Army Corps of Engineers, Sacramento District
Jesse Hudson, City of Chico Public Works, Chico