



Central Valley Regional Water Quality Control Board

10 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, NOTRE DAME BOULEVARD BRIDGE PROJECT, WDID NO. 5A04CR00354A1, BUTTE COUNTY

This Order responds to the 27 June 2024 request for an amendment of the Notre Dame Boulevard Bridge Project Section 401 Water Quality Certification (WDID No. 5A04CR00354). The original Water Quality Certification (Certification) was issued on 18 April 2023. 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, resulting in an increase of 0.08 acre of temporary impacts. 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 Project will construct a new bridge to connect the existing sections of Notre Dame Boulevard over Little Chico Creek. The new structure will accommodate two 12-foot travel lanes separated by a 6-foot-wide center median, eight-foot bike lanes, a five-foot sidewalk on the west side and an eight-foot multi-use path on the east side. The new bridge is anticipated to be a multi-span structure, approximately 100 feet long and 56 feet wide. The structure type is expected to be a three-span, cast-in-place, reinforced concrete bridge and will include rock slope protection at the banks under and adjacent to the bridge. In addition to the bridge, the existing bike path on the south side of the creek will be rerouted to a new bridge undercrossing and will connect to the multi-use path crossing the bridge.

Construction of the bridge will involve excavation for and construction of concrete abutments and piers, founded on either spread footings or deep foundation. Other

temporary work within Little Chico Creek includes falsework erection and removal and installation of scour countermeasures at the support locations. 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. If diversion is required, upstream and downstream diversion barriers made of large gravel bags or sheet piles plus 150 feet of storm drainpipes for flows are proposed. A final diversion plan will be prepared by the contractor near construction and will be available upon request. Construction of the roadway approaches will involve the removal and realignment of a portion of the existing bike path on the south bank. The approach roadway will tie into the existing curb, gutter, and sidewalk on the north and south portions of Notre Dame Boulevard. Approach roadway work will include both median and parkway landscape per city standards as well as street lighting and public utility extensions crossing the creek.

There are no utilities currently crossing Little Chico Creek that will be impacted by the construction of the project. The Project will include the installation of dual arm streetlights on the center concrete median. The streetlight conduit runs will be installed under the sidewalk with service boxes at each streetlight location. Existing powerlines are located approximately 250 feet upstream of the proposed bridge.

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	<u>0.11</u>	191.5	<u>292.5</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	0.07	256.5	123.7

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.

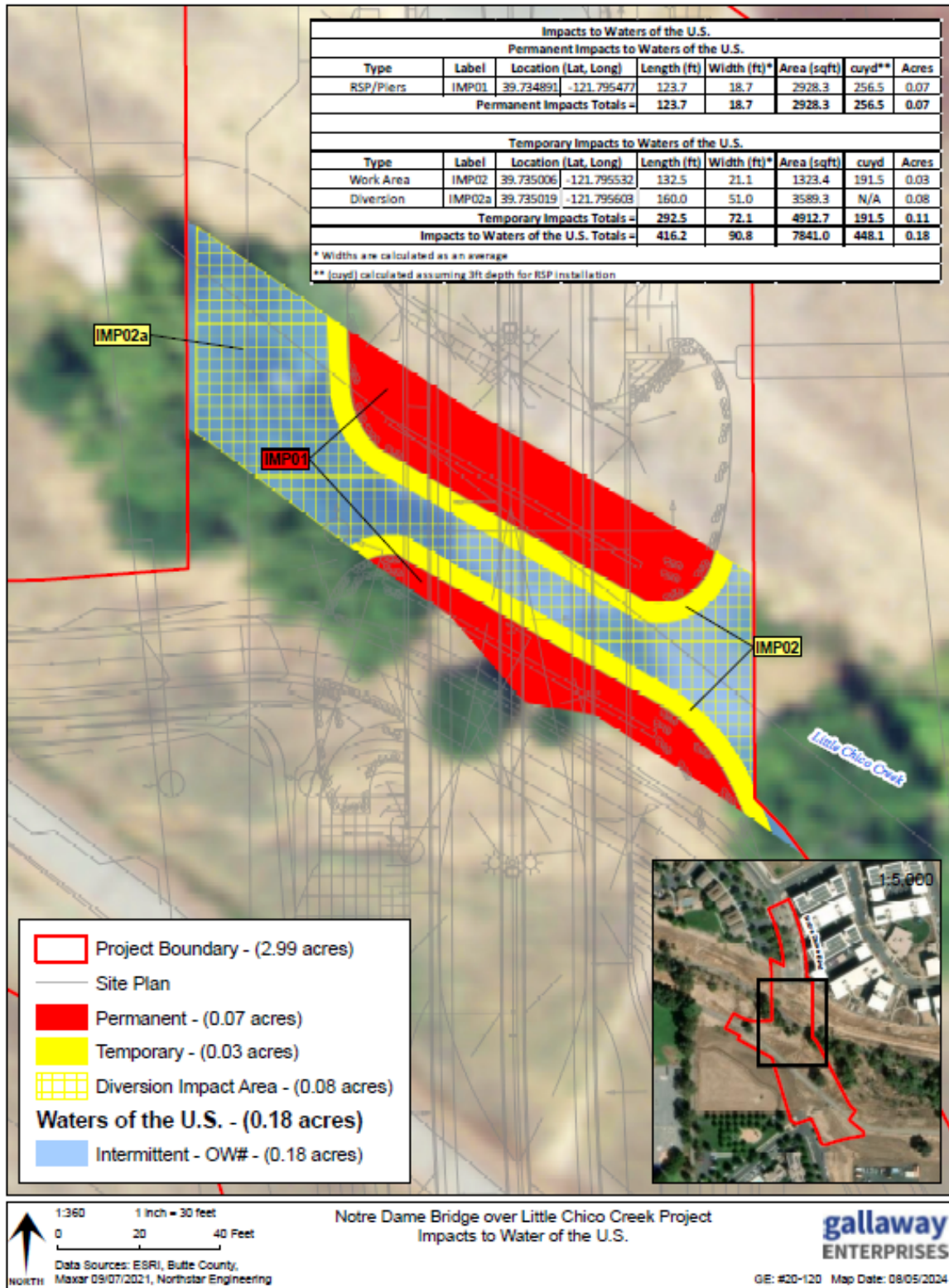
XII. Fees Received

An application fee of \$2734.00 was received on 15 February 2023. 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 and Excavation Discharges (fee code 84) with the dredge and fill fee calculator.

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 \$2985.00 was received on 6 September 2024.

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
IMP02	39.735	-121.795	No	0.03	191.5	132.5
<u>IMP02a</u>	<u>39.735</u>	<u>-121.795</u>	No	<u>0.08</u>		<u>160.0</u>

Table 3: Individual Permanent Fill/Excavation Impact Information

Impact Site ID	Latitude	Longitude	Indirect Impact Requiring Mitigation?	Acres	Cubic Yards	Linear Feet
IMP01	39.735	-121.795	No	0.07	256.5	123.7

CENTRAL VALLEY WATER BOARD CONTACT:

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(530) 224-4848

WATER QUALITY CERTIFICATION:

I hereby issue an Amendment of existing Clean Water Act Section 401 Water Quality Certification and Order for Notre Dame Boulevard Bridge Project (WDID No. 5A04CR00354A1). 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

9/10/2024
Date

DLW: db

cc

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