



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
SOUTH PACIFIC DIVISION, CORPS OF ENGINEERS
1455 MARKET STREET
SAN FRANCISCO, CALIFORNIA 94103-1399

5 NW 14

CESPD-DE

MEMORANDUM FOR Commander, San Francisco District, US Army Corps of Engineers,
CESPN-PM-C (Mr John Cheng)

Subject: Review Plan Approval for the Bon Air Road Bridge Replacement at the Corte Madera
Creek, CA Flood Control Project

1. The attached Review Plan for the Bon Air Road Bridge Replacement at the Corte Madera
Creek, CA Flood Control Project was prepared in accordance with EC 1165-2-214. The Review
Plan was coordinated internally within the DST.
2. The Review Plan does not include independent external peer review.
3. I hereby approve this Review Plan, which is subject to change as circumstances require,
consistent with project development under the Project Management Business Process.
Subsequent revisions to this Review Plan or its execution will require new written approval from
this office.
4. For any additional information or assistance, contact Paul Devitt, CESPD-PDC, (415) 503-
6558, Paul.A.Devitt@usace.army.mil.

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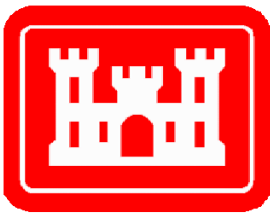
Encl

R. MARK TOY
Brigadier General, USA
Commanding

**U.S. Army Corps of Engineers
South Pacific Division
San Francisco District**

**Review Plan for Bon Air Road Bridge
Replacement Project at the Corte
Madera Creek Flood Control Project
Pursuant to 33 USC § 408**

South Pacific Division Approval Date: 5 November 2014



**US Army Corps
of Engineers®**

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1. Introduction

a. Purpose of This Review Plan

This Alteration-Specific Review Plan is intended to ensure quality of the review by the San Francisco District for the request to alter a US Army Corps of Engineers (USACE) civil works project within the San Francisco District's area of responsibility. This review plan was prepared in accordance with Engineer Circular (EC) 1165-2-216, "Policy and Procedural Guidance for Processing Requests to Alter US Army Corps of Engineers Civil Works Projects Pursuant to 33 USC 408" (reference paragraph 7.c.(4) in EC 1165-2-216). This review plan provides the review guidelines associated with a specific alteration request pursuant to 33 USC 408 (Section 408).

b. Description and Information

This Review Plan covers the San Francisco District's review of the proposed Bon Air Road Bridge Replacement Project, an alteration proposed by the City of Larkspur to replace the existing Bon Air Road Bridge that spans the Corte Madera Creek Flood Control Project (federal project). The federal project is a partially completed USACE civil works project consisting of trapezoidal earth channel and rectangular concrete channel. Completed features of the project were transferred to the Marin County Flood Control and Water Conservation District (FCWCD) for operations and maintenance in 1975 and 1987.

The City of Larkspur has proposed the alteration because the existing bridge is structurally deficient. The existing bridge spans the federal project at Station 281+00 along a reach of trapezoidal earth channel.

The San Francisco District received by letter the FCWCD's request for permission for the proposed alteration on 9 September 2014. Enclosed with the letter were 100-percent construction plans and specifications, foundation studies, hydraulic studies and models, and environmental compliance documents. This review plan covers the San Francisco District's review of all submittals received from FCWCD.

2. Review Requirements

a. Level of Review Required by the Requester

The proposed alteration endorsed by FCWCD would not pose a significant threat to human life or public safety. Therefore, a Type II Independent External Peer Review is not required.

b. Level of Review Required by the District

The review of this alteration request shall include a district-led Agency Technical Review (ATR), reference paragraph 7.c.(4) in EC 1165-2-216.

c. Decision-Level Determination

HQUSACE review of this proposed alteration is not required. The proposed alteration does not meet any of the criteria listed in paragraph 6.t of EC 1165-2-216 as conditions necessitating HQUSACE level review and decision.

d. District Review Purpose

The review of all work products will be in accordance with the guidelines established within this review plan. The purpose of this review is to ensure the proper application of established criteria, regulations, laws, codes, principles and professional practices.

For the purposes of Section 408, the ATR team will make the following determinations:

- 1) Impair the Usefulness of the Project Determination. The objective of this determination is to ensure that the proposed alteration will not limit the ability of the project to function as authorized and will not compromise or change any authorized project conditions, purposes or outputs.
- 2) Injurious to the Public Interest Determination. Proposed alterations will be reviewed to determine the probable impacts, including cumulative impacts, on the public interest. The decision whether to approve an alteration will be determined by the consideration of whether benefits are commensurate with risks.
- 3) Legal and Policy Compliance Determination. A determination will be made as to whether the proposed alteration meets all legal and policy requirements.
- 4) Verify Appropriate Decision Level. Verify whether or not HQUSACE review and decision is required.

3. District-led Agency Technical Review Team

The District-led Agency Technical Review Team is comprised of reviewers with the appropriate independence and expertise to conduct a comprehensive review in a manner commensurate with the type of proposed alteration described in Section 1.b of this review plan.

The San Francisco District ATR team expertise required for this review plan are listed below:

ATR Lead: John Cheng, P.E., Readiness Branch (CESPN-OR-E), Inspection of Completed Works Program Manager and District Section 408 Coordinator

Geotechnical Engineering: Paul Schimelfenyg, P.E., Geotechnical Section (CESPN-ET-EG), Levee Safety Program Manager and Geotechnical Section Chief

Hydrology and Hydraulics: Patrick Sing, Water Resources Section (CESPN-ET-EW), Hydraulic Engineer

Environmental: Christopher Eng, Environmental Planning A Section (CESPN-ET-PA), Senior Environmental Planner

Operations: John Cheng, P.E., Readiness Branch (CESPN-OR-E), Inspection of Completed Works Program Manager and District Section 408 Coordinator

Levee Safety Program: Paul Schimelfenyg, P.E., Geotechnical Section (CESPN-ET-EG), Levee Safety Program Manager and Geotechnical Section Chief

4. Execution Plan

a. Review Procedures

Reviews will be conducted in a fashion which promotes dialogue regarding the quality and adequacy of the required documentation. The ATR team will review the documents provided.

The four key parts of a review comment will normally include:

- 1) The review concern – identify the deficiency or incorrect application of policy, guidance, or procedures.

- 2) The basis for the concern – cite the appropriate law, policy, guidance, or procedure that has not been properly followed.
- 3) The significance of the concern – indicate the importance of the concern with regard to its potential impact on the district’s ability to make a decision as to whether to approve or deny the Section 408 request.
- 4) The probable specific action needed to resolve the concern – identify the action(s) that the requester must take to resolve the concern.

In some situations, especially addressing incomplete or unclear information, comments may seek clarification in order to then assess whether further specific concerns may exist. The ATR documentation must include the text of each ATR concern, a brief summary of the pertinent points in any discussion, including any vertical coordination, and the agreed upon resolution.

The District Section 408 Coordinator will distribute proposed alteration submittals from the FCWCD to the ATR team members for their reviews. The ATR team members will determine whether the proposed alteration would impair the usefulness of the federal project, be injurious to the public interest, or meets legal and policy requirements. ATR team members will provide their comments to the District Section 408 Coordinator, who will use the comments to determine if the proposed alteration can be approved in accordance with EC 1165-2-216. Following ATR, the District Section 408 Coordinator will compile a Summary of Findings and obtain the endorsement of the District Levee Safety Program Manager and the District Levee Safety Officer before recommending to the District Commander that the proposed alteration be approved or denied.

b. Review Schedule

ATR Task	Schedule
Review of 100% plans, studies, and environmental compliance documents received in September 2014	September to October 2014

c. Review Cost

This review will be funded with the San Francisco District’s Inspection of Completed Works (ICW) funds. If ICW funds are insufficient, additional funds necessary for review may be requested from the Section 408 requester under the authority of Section 214 of

WRDA 2000 to expedite the Section 408 review and evaluation. The estimated total cost for review is \$10,000.

5. Review Plan Points of Contact

Name/Title	Organization	Email/Phone
District Section 408 Coordinator	CESPN-OR-E	John.C.Cheng@usace.army.mil

ATTACHMENT 1

COMPLETION OF AGENCY TECHNICAL REVIEW

The Agency Technical Review (ATR) has been completed for the San Pablo Avenue Bridge Replacement Project at the Rodeo Creek Local Flood Protection Project in Rodeo, CA. The ATR was conducted as defined in the Alteration-Specific Review Plan to comply with the requirements of EC 1165-2-216. During the ATR, compliance with established policy principles and procedures and legal requirements was verified. This included the determination whether the proposed alteration would impair the usefulness of the federal project or was injurious to the public interest. All comments resulting from the ATR have been resolved.

John Cheng
ATR Team Leader
CESPN-OR-E

Date

John Cheng
District Section 408 Coordinator
CESPN-OR-E

Date

SIGNATURE

(Add any additional signatures as appropriate)

Title

Office Symbol

Date