

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch

690 Walnut Ave., St. 150

Vallejo, CA 94592-1133

(707) 649-5453

FAX: (707) 649-5493

Contract # : 04-0120E4
Cty SF Rte 80 PM 13.4. 13.8
File # 31 .25 B**QUALITY ASSURANCE - NONCONFORMANCE REPORT**

Location: Eaton Metal Products, Salt Lake City, Utah

Date: 11-02-05

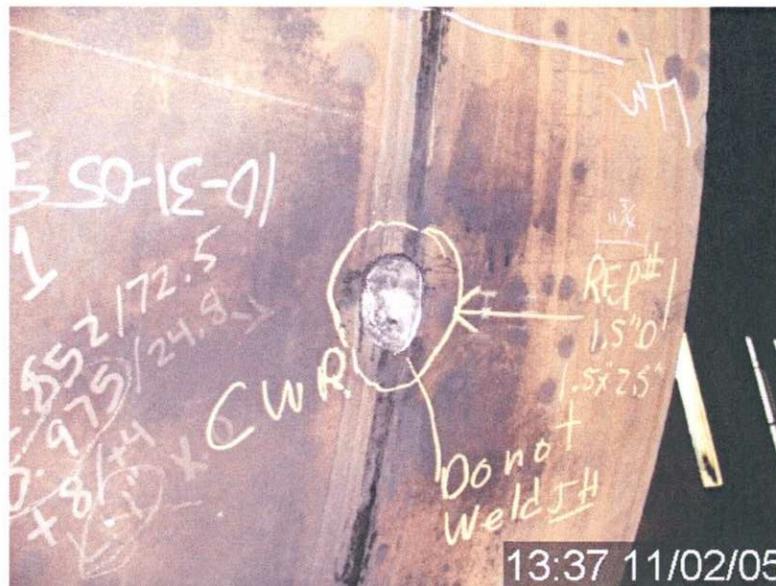
Prime Contractor: Kiewit/ FCI/ Manson (KFM), Joint Venture

Submitting Contractor: Eaton Metal Products (EMP)

Type of problem:

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>	
Welding:	<input type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>	Bridge No.: 34-0006 L/R
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	Component: Pile Sleeve #T1-3.
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>			

Description of Non-Conformance: Performing critical weld repair (CWR) excavation without approval of the Engineer. The critical weld repair location is on the outside diameter of girth seam weld (GS-4) of T1-3 Pile Sleeve, joining 90mm thick Mk#3 plate 15P to 50mm thick Mk#6 plate 72P. The depth of excavation is 43mm equal to approximately 85% of the 50mm weld thickness. See photo.



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003261 NOV-3 05

Applicable reference: Eaton Metal Products Welding Quality Control Plan Section 10.2**Who discovered the problem:** Bert Madison, METS QA Inspector**Name of individual from Contractor notified:** Jason Hart, EMP Quality Control Manager**Time and method of notification:** 11-02-05, 0800 hours, verbal

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Name of Caltrans Engineer notified: Mark Woods, Senior Structure Representative

Time and method of notification: November 4, 2005, via email

QC Inspector's Name: Jason Hart

Was the QC Inspector aware of problem: NO

Contractor's proposal to correct the problem: Critical weld repair (CWR) excavation will not be welded prior submittal of CWR and engineers approval.

Comments: This report is for the purpose of determining general conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By: Bert Madison

Quality Assurance Inspector

Reviewed By: Robert Mertz

Lead QA Inspector

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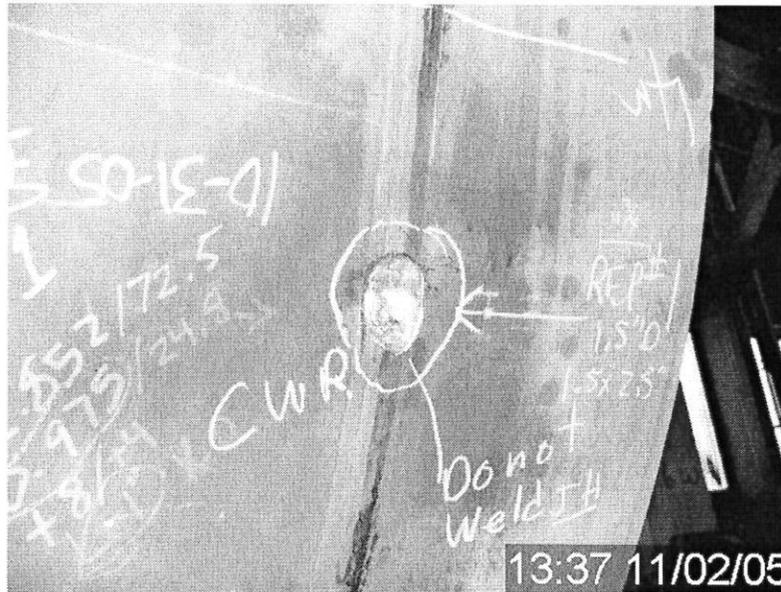
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Who discovered the problem: Bert Madison, METS QA Inspector

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Time and method of notification: 11-02-05, 0800 hours, verbal

Name of Caltrans Engineer notified:

TL-15, Nonconformance Report (10/27/05)

Page 1 of 2

Hardcopy Routing Instructions:

1. Resident Engineer

2. Inspecting Branch Contract File

3. Responsible Branch Contract File (with supporting documentation)

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Time and method of notification:

QC Inspector's Name: Jason Hart

Was the QC Inspector aware of problem: No.

Contractor's proposal to correct the problem: Critical weld repair (CWR) excavation will not be welded prior submittal of CWR and engineers approval.

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Inspected By: Bert Madison



Quality Assurance Inspector

Reviewed By: Robert Mertz



Lead QA Inspector

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.
Oakland, CA 94607
(510) 286-0538, (510) 286-0550 fax



Kiewit-FCI-Manson, JV
220 Burma Rd.
Oakland, CA 94607

Attn: Mr. Chris Webb

February 9, 2006

Contract No. 04-0120E4
04-SF-80-13.4, 13.8
SAS T1 & E2 Foundations
SFOBB-ESSSP

Letter No. 05.003.01-000783

Subject: NCR - Eaton Metal Products, 11/02/06 (CWR Performed Without Approval)

Dear Christopher,

The Department issued a Non-conformance Report (NCR) at Eaton Metal Products in Salt Lake City, Utah on November 2, 2005. The NCR was generated when QA observed that a critical weld repair (CWR) excavation was being performed without the approval of the Engineer. The CWR was located on the outside diameter of girth seam weld GS-4 on pile sleeve T1-3, joining the 90 mm-thick Mk. #3 plate No. 15P to the 50 mm-thick Mk. #6 plate No. 72P.

The clearing documents for this CWR were provided by KFM as Submittal No. 226, Revision No. 01, dated January 12, 2006, and were approved by the Department's Letter No. 717 dated January 19, 2006. The Department considers this NCR to be resolved.

If you have any questions or need additional information please contact Mark Vilcheck at 510-286-0526.

Sincerely,

<<< ORIGINAL SIGNED >>>

Mark Vilcheck
Structure Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
R. Smith

file: 05.003.01, 09.006.03