

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch690 Walnut Ave., St. 150
Vallejo, CA 94592-1133
(707) 649-5453
FAX: (707) 649-5493Contract # : 04-0120E4
Cty SF Rte 80 PM 13.4/13.8.
File # 20.25 B**QUALITY ASSURANCE - NONCONFORMANCE REPORT****Location:** Trans Bay Steel, Napa, CA**Date:** 11/16/04**Prime Contractor:** Kiewitt/FCM/Manson**Submitting Contractor:** Trans Bay Steel**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"/>
Joint fit-up:	<input checked="" type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/> <<Description>>
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>		

Description of Non-Conformance: QC personnel did not perform the fit up inspection on pile sections S-82 and S-23 prior to the start of welding. QA observed welding personnel Dave Rutledge performing SAW welding on pile section S-82, long seam, ID weld and Hector Lopez performing SAW welding on pile section S-23, long seam, ID weld. QA observed that QC had not marked the area surrounding either joint to verify the inspection had been performed and accepted. When QA asked QC Tony Canzoneri if the fit up inspections had been performed QC reviewed the daily inspection reports and verbally verified the fit up inspections had not been performed prior to welding.

Applicable reference: Special Provisions, section 8.3, Welding and AWS D1.1-2002, Section- 6, paragraph 6.5.4.**Who discovered the problem:** QA**Name of individual from Contractor notified:** QC Tony Canzoneri**Time and method of notification:** 11/16/04, 1145, verbal notification**Name of Caltrans Engineer notified:** Steve Gilbert, SMR**Time and method of notification:** 11/16/04, 1315, verbal notification**QC Inspector's Name:** Craig Hager**Was the QC Inspector aware of problem:** No**Contractor's proposal to correct the problem:** None given at this time.

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 Steve Gilbert, (858) 344-3839, who represents the Office of Structural Materials for your project.

Inspected By: Craig Hager

Quality Assurance Inspector

Reviewed By: Robert Mertz

Reviewer



Contract # : 04-0120E4
Cty SF Rte 80 PM 13.4/13.8.
File # 20 .25 B

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Trans Bay Steel, Napa, CA

Date: 11/16/04

Prime Contractor: Kiewitt/FCM/Manson

Submitting Contractor: Trans Bay Steel

NCR 004₂

Type of problem:

Welding

Concrete

Other

Welding:

Joint fit-up:

Procedural:

Curing:

Coating:

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Who discovered the problem: QA

Name of individual from Contractor notified: QC Tony Canzoneri

Time and method of notification: 11/16/04, 1145, verbal notification

Name of Caltrans Engineer notified: Steve Gilbert, SMR

Time and method of notification: 11/16/04, 1315, verbal notification

QC Inspector's Name: Craig Hager

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: None given at this time.

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 ,who represents the Office of Structural Materials for your project.

Inspected By: Craig Hager

Quality Assurance Inspector

Reviewed By: Robert Mertz

Reviewer

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RECEIVED

09.006.03

55.375

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

March 16, 2006

Attn: Mr. Christopher Villa
Deputy Project Director

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

Letter No. 05.003.01-000923

Subject: Response to Submittal No. 375, Revision Nos. 00 and 01 (Response to TBS NCR Issued by State Letter 761 (Partial))

Dear Christopher,

The Department has reviewed Kiewit-FCI-Manson Submittal No. 375, Revision No. 00, dated March 2, 2006 and KFM Submittal No. 375, Revision No. 01, dated March 8, 2006. These Submittals responded to the Department's Letter No. 811 dated February 3, 2006, which notified KFM of a Non-conformance Report (NCR) for Trans Bay Steel (TBS) dated November 16, 2004. The Department hereby approves Submittal No. 372, Revision Nos. 00 and 01, pursuant to Section 8-3.01, "Welding," of the Special Provisions. The NCR for TBS dated November 16, 2004, is considered 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, 55.375

M e m o r a n d u m

*Flex your power!
Be energy efficient!*

To: MARK VILCHECK
Structure Representative
333 Burma Road
Oakland, CA 94607

Date: March 15, 2006

File: 04-0120E4
E2/T1 Foundations

From: RYAN T. SMITH
Structural Materials Representative
Quality Assurance and Source Inspection Branch
Office of Structural Materials

KFM SUBMITTAL 375-00 AND 375-01– TRANS BAY STEEL RESPONSE TO CALTRANS NONCONFORMANCE REPORT (NCR) NO. 004

The Caltrans Office of Structural Materials (OSM) has reviewed KFM Submittal 375-00 and 375-01 (response to OSM NCR 004 and State Letter 05.003.01-000761) dated March 2, 2006 and March 8, 2006 respectively.

The Department issued State Letter 05.003.01-000761, dated February 3, 2006, requesting documentation of the required nondestructive testing (NDT) reports for the affected welds. The reports have been requested in order to verify that the welds affected by the Contractor's lapse in Quality Control have been completely examined and found to be sound in accordance with AWS D1.1-2002.

In Submittal 375-00 and 375-01, the Contractor has provided the NDT reports for the long seam welds of pile sections S-82 and S-23. These Ultrasonic Testing (UT) Reports show the welds were examined 100% by UT with both a zero degree and 70-degree transducer angle and appear to be acceptable in accordance with the AWS D1.1-2002 acceptance/rejection standards. Based on this information, it is recommended that NCR 004 be considered resolved.

If you have any questions, or would like to discuss the issues, please call me at (858) 232-6799.

cc: Rafael Bolon
Tom Shimada
Robert Mertz

PMIV 003305
REC'D. 3-22-06 B