

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

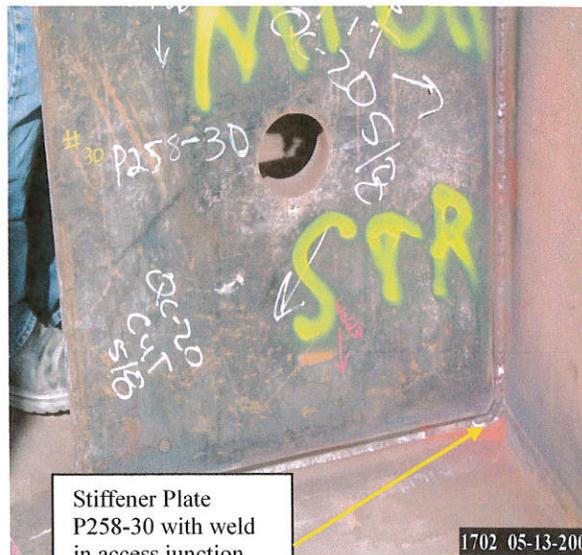
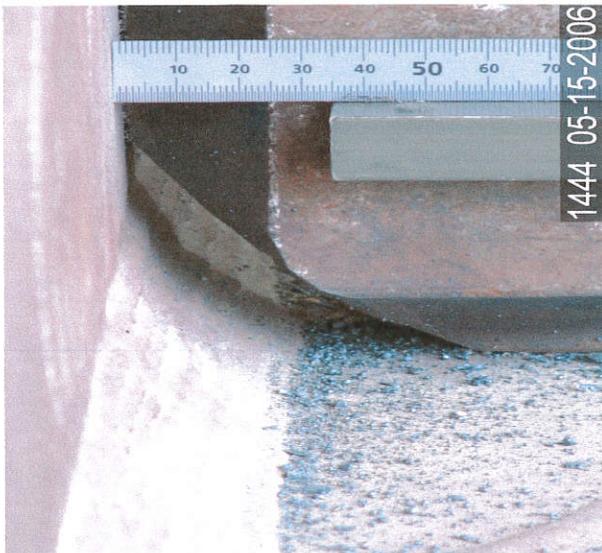
Bay Area Branch

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 # 45.25 B**QUALITY ASSURANCE - NONCONFORMANCE REPORT****Location:** Kiewit Offshore Services**Date:** 05-13-2006 & 05-15-2006**Prime Contractor:** Kiewit/FCI/Manson (KFM) Joint Venture**NCR # 87****Submitting Contractor:** Kiewit Offshore Services**Type of problem:** Welding of twelve (12) stiffener plate Weld Access Junction with Diaphragm Plate to Bottom Plate Partial Joint Penetration Groove Weld**Welding** **Concrete** **Other** **Welding:** **Curing:** **Procedural:** **Bridge No.** 34-0006L/R**Joint fit-up:** **Coating:** **Other:** **Component:** P260-34, 36, 38, 1, 3, 5, 44, 42, 40 and P258-30, 26 & 28.**Procedural:** **Procedural:** **Description of Non-Conformance:** KOS Quality Control has allowed KOS welders to deviate from the approved shop drawings and weld-out the weld access area (cope hole) in the location where the Stiffener plate P258-30 joints the bottom and the diaphragm plates.**Applicable reference:** Approved shop drawing sheet A44 Revision 3 Detail A-A for Stiffener Plate to Bottom Plate Assembly and sheet S258 Stiffener Plate Detail.**Who discovered the problem:** Caltrans Quality Assurance Inspector Mike Hasler**Name of individual from Contractor notified:** Quality Control Inspector Eric Beckford/ QCM George Barnhill**Time and method of notification:** 1715 hours, verbal notification, May 13, 2006**Name of Caltrans Engineer notified:** Mark Vilcheck, Structure Representative**Time and method of notification:** May 15, 2006, 15:40 via phone conversation

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

QC Inspector's Name: Eric Beckford

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: Submit a "Request For Information" that requests that the welded areas in the weld access junctions be accepted as is.

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 Patryk Pich (858) 699-0514, who represents the Office of Structural Materials for your project.

Inspected By: Mike Hasler *MH*

Quality Assurance Inspector

Reviewed By: Mahlon Lindenmuth ✓ *ML*

Lead QA Reviewer

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QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Kiewit Offshore Services

Date: 05-13-2006 & 05-16-2006

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

NCR # 87 Rev 1

Submitting Contractor: Kiewit Offshore Services

Type of problem: Welding of fifteen (15) stiffener plate Weld Access Junction with Diaphragm Plate to Bottom Plate Partial Joint Penetration Groove Weld

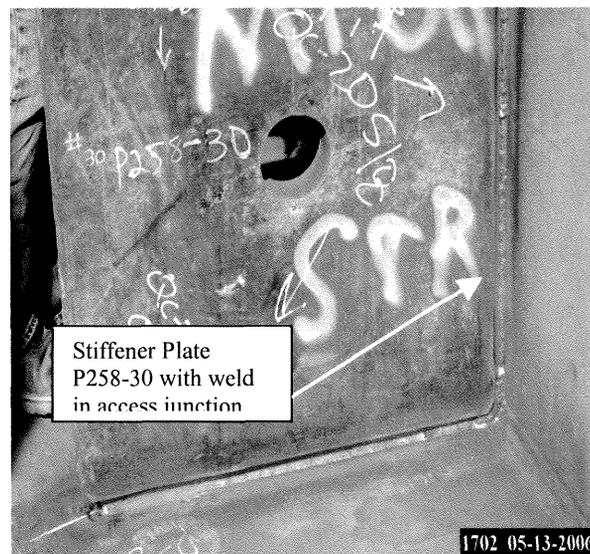
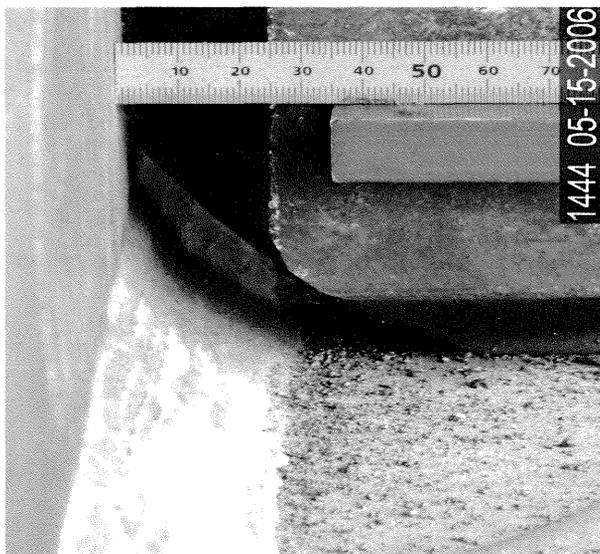
Welding **Concrete** **Other**

Welding: **Curing:** **Procedural:** **Bridge No.** 34-0006L/R

Joint fit-up: **Coating:** **Other:** **Component:** P260-34, 36, 38, 1, 3, 5, 44, 42, 40 and P258-30, 26 & 28.

Procedural: **Procedural:**

Description of Non-Conformance: KOS Quality Control has allowed KOS welders to deviate from the approved shop drawings and weld-out the weld access areas (“snipes”) in the locations where fifteen stiffener plates (P258-7, P258-9, P258-11, P258-26, P258-28, P258-30, P260-1, P260-3, P260-5, P260-34, P260-36, P260-38, P260-40, P260-42, and P260-44) join the bottom plate and diaphragm plates.



Applicable reference: Approved shop drawing sheet A44 Revision 3 Detail A-A for Stiffener Plate to Bottom Plate Assembly and sheet S258 Stiffener Plate Detail.

Who discovered the problem: Caltrans Quality Assurance Inspector Mike Hasler

Name of individual from Contractor notified: Quality Control Inspector Eric Beckford/ QCM George Barnhill

Time and method of notification: 1715 hours, verbal notification, May 13, 2006

Name of Caltrans Engineer notified: Mark Vilcheck, Structure Representative

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Time and method of notification: May 15, 2006, 15:40 via phone conversation

QC Inspector's Name: Eric Beckford

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: Submit a "Request For Information" that requests that the welded areas in the weld access junctions be accepted as is.

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Inspected By: Mike Hasler

Quality Assurance Inspector

Reviewed By: Mahlon Lindenmuth

Lead QA Reviewer

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICESOffice 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) 649-5493Contract # : 04-0120E4
Cty SF Rte 80 PM 13.8
File # 45.25A**QUALITY ASSURANCE - NONCONFORMANCE RESOLUTION****Location:** Ingleside, Texas**Date:** July 17, 2006**Prime Contractor:** Kiewit/FCI/Manson (KFM) – Joint Venture**NCR#87****Submitting Contractor:** Kiewit Offshore Services (KOS)**Type of problem:**

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>
Welding:	<input checked="" type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>		

Bridge No. 34-0006L/R**Component** T1 Foundation Footing**Date nonconformance report was written:** May 13, 2006**Description of Non-Conformance:** KOS Quality Control (QC) has allowed KOS to deviate from the approved shop drawings for fifteen (15) lower stiffener plates. KOS has welded the weld access holes where the following stiffener plates join the bottom plate and diaphragm plates: P258-7, P258-9, P258-11, P258-26, P258-28, P258-30, P260-1, P260-3, P260-5, P260-34, P260-36, P260-38, P260-40, P260-42 and P260-44.**Contractor's proposal to correct the problem:** KOS submitted a Request for Information (RFI) asking Caltrans to accept the welded access holes as is.**Corrective action taken:** None**Did corrective action require Engineer's approval?** Yes No**If so, name of the Engineer providing approval:** Mark Vilcheck, per Caltrans state letter **Date:** 7-17-06
05.003.01-001529**Is Engineer's approval attached:** Yes No**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:** Mary Madere

Quality Assurance Inspector

Reviewed By: Robert Cuellar & Keith Hoffman

QA Reviewer and Branch Senior

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QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Kiewit Offshore Services

Date: 05-13-2006 & 05-15-2006

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

NCR # 87

Submitting Contractor: Kiewit Offshore Services

Type of problem: Welding of twelve (12) stiffener plate Weld Access Junction with Diaphragm Plate to Bottom Plate Partial Joint Penetration Groove Weld

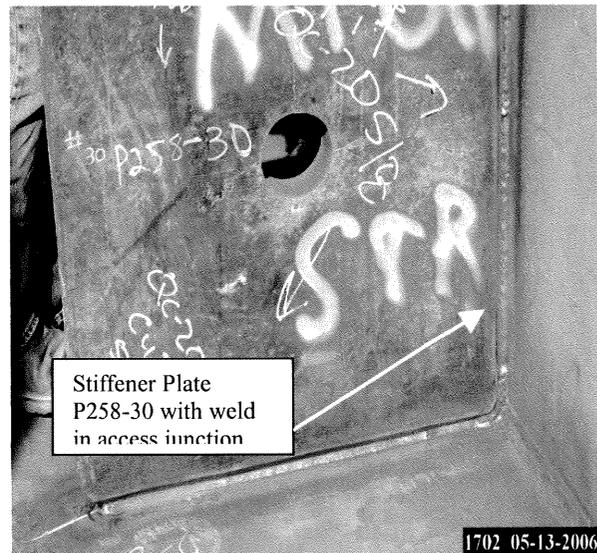
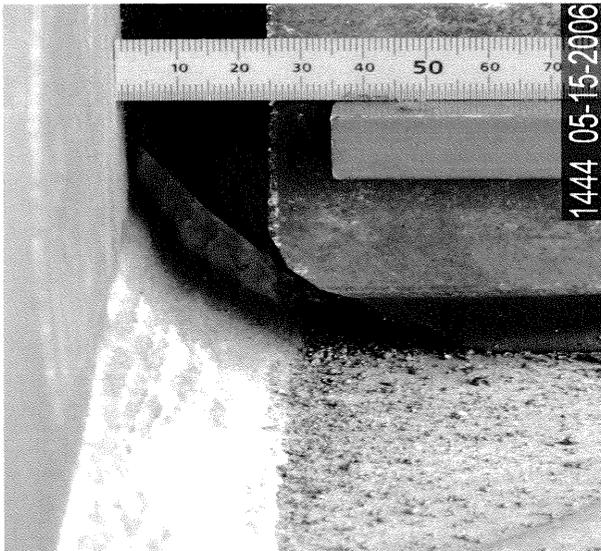
Welding **Concrete** **Other**

Welding: **Curing:** **Procedural:** **Bridge No.** 34-0006L/R

Joint fit-up: **Coating:** **Other:** **Component:** P260-34, 36, 38, 1, 3, 5, 44, 42, 40 and P258-30, 26 & 28.

Procedural: **Procedural:**

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QUALITY ASSURANCE - NONCONFORMANCE REPORT

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QC Inspector's Name: Eric Beckford

Was the QC Inspector aware of problem: No

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Inspected By: Mike Hasler

Quality Assurance Inspector

Reviewed By: Mahlon Lindenmuth

Lead QA Reviewer

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

July 17, 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. 05.003.01-001529

Subject: Response to Submittal No. 688, Revision No. 00 (KOS Response to NCR Issued by State Letter 1198)

Dear Christopher,

The Department has reviewed Kiewit-FCI-Manson Submittal No. 688, Revision No. 00, dated June 27, 2006. This Submittal responded to the Department's Letter No. 1198 dated May 17, 2006, which notified KFM of a Non-conformance Report (NCR) at Kiewit Offshore Services (KOS) in Ingleside, Texas, on May 13, 2006, for welded out snipes on the lower stiffener plates at the corner between the bottom plate and the diaphragm plate. The Department hereby approves Submittal No. 688, Revision No. 00, pursuant to Section 8-3.01, "Welding," of the Special Provisions. The NCR for KOS issued on May 13, 2006, is considered to be resolved.

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

Sincerely,

Mark Vilcheck
Structure Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
R. Smith

file: 05.003.01, 09.006.03, 55.688