

DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING 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
 (707) 649-5493

Contract #: 04-0120F4
 Cty: SF/ALA Rte: 80 PM: 13.2/13.9
 File #: 13.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Oregon Iron Works Vancouver, WA
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Submitting Contractor: Oregon Iron Works Clackamas, Or.

Report No: NCR-000103
Date: 02-Apr-2008
NCR #: OIW-0001

Type of problem:

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Hinge K
Procedural	Procedural	Descriptor:	Fabrication prior to Engineer's audit

Reference Description: Facility Audit

Description of Non-Conformance:

Oregon Iron Works (OIW) was performing fabrication on Hinge K material prior to the Engineer completing a facility audit at the OIW Vancouver facility. OIW has drilled holes into the 100 mm a110 base plates. Also present at the OIW-Vancouver facility were the A852 125 mm plates (3 EA) and the A709 GR485WF3 100mm steel plates (3 EA) which were also to be drilled and processed at this facility. The OIW Quality Control Manager (QCM) stated that the Vancouver facility is assisting with work on the project due to equipment being inoperable at the Clackamas facility.



Applicable reference:

04-0120F4 Special Provisions Section 8-4.01 Audits. The Contractor was also notified of these requirements during the Audit of the Clackamas facility on April 24, 2007 and in State Letter 05.03.01-000285.

Who discovered the problem: Joe Adame, Quality Assurance Inspector

Name of individual from Contractor notified: OIW QCM, Steve Williams and ABF QCM, Charles Kanapicki

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Time and method of notification: 04/02/08, 1330 hrs, phone (Steve) and 1315hrs, verbal (Charles)

Name of Caltrans Engineer notified: Warren Collins, Asst. Structure Representative

Time and method of notification: 04/02/08, at approximately 1300 hours via phone conversation

QC Inspector's Name: Ron Brown, Quality Control Inspector

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

No corrective proposal has been submitted at this time.

Comments:

This report is for the purpose of determining 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, who represents the Office of Structural Materials for your project.

Inspected By:	Adame,Joe	QA Inspector
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Reviewed By:	Wright,Mark	QA Inspector
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DEPARTMENT OF TRANSPORTATION

333 Burma Road
Oakland CA 94607

Tel: 510-622-5661 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: American Bridge/Fluor Enterprises, a JV
375 BURMA ROAD
OAKLAND CA 95607
Date: 07-Apr-2008
Contract No: 04-0120F4
04-SF-80-13.2 / 13.9
Dear: Mr. Charles Kanapicki
Job Name: SAS Superstructure
Attention: Mr. Michael Flowers
Document No: 05.03.06-000080
Subject: NCR No. OIW-0001
Reference Description: Facility Audit

The Attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

- Material or Workmanship not in conformance with contract documents.
- Quality Control (QC) not performed in conformance with contract documents.
- Recurring QC issue that constitutes a systematic problem in quality control.
- Non-Conformance Resolved - No Response Required.

Remarks:

Material Location: Pipe Beam **Lift:**

NCR OIW-0001 is being issued as a result of work being performed on Hinge K Pipe Beam components at OIW's Vancouver facility in violation of Section 8-4 "Audits" of the Contract Special Provisions. Accordingly, the material is rejected in accordance with Section 6-1.04, "Defective Materials," of the Standard Specifications.

OIW have been made aware of the Contract requirements concerning the MFSQA and audit process in State Letters 05.03.01-000166 and 05.03.01-000285 dated March 22, 2007 and June 4, 2007 respectively, when the MFSQA was submitted for the Clackamas facility.

Additionally, it is noted from State Letters 05.03.01-000319 and 05.03.01-000465 dated June 15, 2007 and August 16, 2007 respectively, that OIW have been in violation of the Contract Special Provisions requirements detailed in Section 8-4, "Audits," when work commenced at Scot Forge without an MFSQA being submitted or an audit taking place.

Action Required and/or Action Taken:

Cease all machining of Hinge Pipe Beams components currently being performed at OIW's Vancouver facility and, in accordance with Section 8-4, "Audits" of the Contract Special Provisions, submit an MFSQA.

Transmitted By: Warren Collins Assistant Structural Rep

Attachments: OIW-0001

cc: Rick Morrow, Brian Boal, Robert Kick

File: 05.03.06

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000080

Subject: NCR No. OIW-0001

Dated: 31-Jul-2008

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Job Name: SAS Superstructure

Document No.: ABF-NPR-000049 Rev: 00

Contractor's Proposed Resolution:

Reference Resolution: State Letter 1940 waives the Audit requirement

We consider this NCR to be closed. State Letter 05.03.01-001940 (Attached) waives the audit requirement.

Submitted by: Kanapicki, Charles

Attachment(s): ABF-NPR-000049R00;

Caltrans' comments:

Status: CLO

Date: 16-Oct-2008

Confirmed, State Letter 05.03.01-001940 resolves this NCR.

Submitted by: Collins, Warren

Attachment(s):

Date: 23-Oct-2008

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.

Oakland, CA 94607

(510) 622-5660, (510) 286-0550 fax

*Flex your power
Be energy efficient!*

May 12, 2008

Contract No. 04-0120F4

04-SF-80-13.2 / 13.9

Self-Anchored Suspension Bridge

Letter No. 05.03.01-001940

Michael Flowers
Project Executive
American Bridge/Fluor, A JV
375 Burma Road
Oakland, CA 94607

Dear Michael Flowers,

Submittal 62, Rev. 1 - MFSQA for Oregon Iron Works

The Department has completed review of Submittal ABF-SUB-000062R01, "MFSQA for Oregon Iron Works," dated April 29, 2008. The submittal is "Approved."

This letter also confirms the verbal direction provided to Mr. Charles Kanapicki of ABF by Dr. Mazen Wahbeh in a telephone conversation held on May 9, 2008, that OIW may continue machining the Hinge K Pipe Beam Base Plates. In accordance with Contract Special Provision Section 8-4, "Audits," the Department will waive the audit requirement for this portion of the submitted MFSQA as related to the cutting and machining of the Hinge K Pipe Beam Base Plates only and accordingly considers NCR OIW-0001 closed. Any additional machining operations at OIW's Vancouver facility will remain subject to the completion of a Department audit.

The blasting / painting aspect of the MFSQA will be discussed further at the Department Audit, with particular attention paid to the following items:

1. **Section A, Item 1:** All applicable documentation and standards for the SAS Contract must be available for review. Documentation and standards must be current at the time of bid acceptance.
2. **Section C, Items 3:** Provide details to clearly define the methods used to ensure dissemination of drawing revisions to the shop floor.

In accordance with Contract Special Provisions Section 8-4, "Audit," this facility is now eligible for a Department audit. Please provide notification regarding the available timeframes for this to occur.

If you have any questions, please contact Dr. Mazen Wahbeh at (818) 292-0659.

Sincerely,

A handwritten signature in blue ink that reads "Gary Purcell".

GARY PURSELL
Resident Engineer

cc: Rick Morrow; Brian Boal; Gary Lai; Mazen Wahbeh
file: 05.03.01, 55.0062

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Oregon Iron Works Vancouver, WA**Report No:** NCS-000781**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 23-Oct-2008**Submitting Contractor:** Oregon Iron Works Clackamas, Or.**NCR #:** OIW-0001**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component:
Procedural	Procedural	Descriptor:	

Date the Non-Conformance Report was written: 02-Apr-2008**Description of Non-Conformance:**

Oregon Iron Works (OIW) was performing fabrication on Hinge K material prior to the Engineer completing a facility audit at the OIW Vancouver facility. OIW has drilled holes into the 100 mm a110 base plates. Also present the OIW-Vancouver facility were the A852 125 mm plates (3 EA) and the A709 GR485WF3 100mm steel plates (3 EA) which were also to be drilled and processed at this facility. The OIW Quality Control Manager (QCM) stated that the Vancouver facility is assisting with work on the project due to equipment being inoperable at the Clackamas facility.

Contractor's proposal to correct the problem:

No corrective proposal has been submitted at this time.

Corrective action taken:

State Letter 05.03.01-001940 waives the Audit requirements for the cutting and machining of plates.

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:** Mazen Wahbeh**Date:** 29-Apr-2008**Is Engineer's approval attached?** Yes No**Comments:**

This report is for the purpose of determining 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 Mohammad Fatemi (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By: Lee, Jason

Quality Assurance Inspector

Reviewed By: Fatemi, Mohammad

QA Reviewer