

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 #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 76.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Monnig Industries--Glasgow, Missouri**Report No:** NCR-000198**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 05-Sep-2008**Submitting Contractor:** Dyson Corp. & Subs**NCR #:** DYSN-0004**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: E2 Shear Key Anchor Rod Assemblies
Procedural	Procedural	Description: Shipment without release after late procurement	

Reference Description: ABF shipped E2 Shear Key Anchor Rod Assemblies without QA testing or release due to time constraints from late ordering

Description of Non-Conformance:

ABF procured ASTM A 354 BD anchor rod assemblies too late to allow normal release procedures. As a result, QA sampling and shipment occurred simultaneously, and A 354 Grade BD anchor rods and A 563 hex nuts for the E2 Shear Key were shipped to the jobsite without QA testing results or METS release. Time was constrained because these components were ordered on a schedule that led to completion of fabrication only several days before anticipated installation.

In addition, documentation was either missing or incomplete.

Applicable reference:

Caltrans Standard Specifications, July 1999, (SS) Section 5-1.13, "Final Inspection," p.28: "When the work has been completed, the Engineer will make the final inspection."

SS, Section 6-1.07, "Certificates of Compliance," para. 1, p. 33: "A Certificate of Compliance shall be furnished..."

Who discovered the problem: Edward Leach, METS QA Inspector

Name of individual from Contractor notified: Robert (Bob) Kick,

Time and method of notification: 1600, 9/16/08, personal conversation with ASMR

Name of Caltrans Engineer notified: Brian Boal

Time and method of notification: 1400, 9/16/08, personal conversation with SMR

QC Inspector's Name: Unknown

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

None at this time.

Comments:

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

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 Venkatesh Iyer, (858) 967-6363, who represents the Office of Structural Materials for your project.

Inspected By:	Petrina,Markian	SMR
Reviewed By:	Iyer,Venkatesh	SMR



DEPARTMENT OF TRANSPORTATION

333 Burma Road
Oakland CA 94607
Tel: 510-286-0308 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: AMERICAN BRIDGE/FLUOR, A JV
375 BURMA ROAD
OAKLAND CA 95607
Date: 22-Sep-2008

Dear: Mr. Charles Kanapicki
Contract No: 04-0120F4
04-SF-80-13.2 / 13.9

Attention: Mr. Michael Flowers
Job Name: SAS Superstructure

Subject: NCR No. DYSN-0004
Document No: 05.03.06-000169

Reference Description: ABF shipped E2 Shear Key Anchor Rod Assemblies without QA testing or release due to time constraints from late ordering

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.

Remarks:

Material Location:

Lift:

The Contractor shipped ASTM A 354 BD anchor rod assemblies without QA test report or METS release. Also, the documentation for the anchor rods and pipe sleeves was either missing or incomplete.

See NCR # Dyson-0004 for further details.

Action Required and/or Action Taken:

Provide timely documentation and allow time for QA test and subsequent release of material prior to shipping to the job-site.

Transmitted By: Ajay Sehgal Transportation Engineer

Attachments: DYSN-0004

cc: Rick Morrow, Brian Boal, Ron Matin, Saman Soheilifard, Markian Petrina

File: 05.03.06

NCR PROPOSED RESOLUTION

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

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000169

Subject: NCR No. DYSN-0004

Dated: 07-Oct-2008

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000167 **Rev:** 00

Contractor's Proposed Resolution:

Reference Resolution: Project approvals required expedited fabrication and delivery. Complete CoC packages have been transmitted to the Department.

The schedule for the fabrication delivery and installation was compressed due to the issues that were resolved in ABF-RFI-001233 and subsequent revisions. But for this RFI ABF could have proceeded with fabrication approximately 3 months earlier. ABF chose to ship the materials without METS release to prevent delays to the Project resulting from the need for ABF-RFI-001233.

Attached please find a copy of ABF-TRN-001476 and ABF-TRN-001477 under which the appropriate documentation was provided to Caltrans.

Submitted by: Kick, Robert

Attachment(s): ABF-NPR-000167R00; ;

Caltrans' comments:

Status: CLO

Date: 15-Oct-2008

The Department does not agree that RFI 1233 as the sole reason for not providing timely documentation for anchor rods and pipe sleeves.

The Department expect that in future the contractor will provide timely documentation and allow time for QA testing and subsequent release of material prior to shipping to the job-site.

Submitted by: Sehgal, Ajay

Attachment(s):

Date: 15-Oct-2008



A JOINT VENTURE

375 Burma Road Oakland CA 94607
 Phone 510-808-4600 / Fax 510-808-4601

LETTER OF TRANSMITTAL
SAS Superstructure Project

Run Date 06-Oct-08
Time 9:37 AM

Dated: 06-Oct-2008

TRANSMITTAL No: ABF-CAL-TRN-001476 **Rev:** 00

To: Gary Pursell
 California Department of Transportation
 333 Burma Road

Co/Job # 660110
Contract # 04-0120F4
Sub/Supplier: DYS
Sub/Supplier No:

Oakland CA 94607
 Phone: (510) 622-5100 Fax: (510) 622-5165

Subject: CoCs - E2 Shear Key Bearing Anchor Rods, Nuts, Washers, & Test Samples - Bid Item 61 Item Code 049323 (CO7)

Special Provis. (SP) REF: 10-1.59
Standard Spec. (SS) REF:

RESUBMITTAL/SUPPLEMENTAL REF:

We are sending the following attached items: Attached

Via Fax

- | | | |
|---|---|---|
| <input type="checkbox"/> Plans | <input type="checkbox"/> Prog. Pmt | <input type="checkbox"/> Samples |
| <input type="checkbox"/> Certificates of compliance | <input type="checkbox"/> Calculations | <input type="checkbox"/> Payroll |
| <input type="checkbox"/> Specs | <input type="checkbox"/> Copy of Letter | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> Schedule | <input type="checkbox"/> Invoice | <input checked="" type="checkbox"/> Other |

Item	Date	Copies	Description	Drawing No	Rev	Subcon Dwg No	Rev	Status	Pages
01	06-Oct-08	5	CO 7 - Certified Test Report - 3 in X 17-2.12 Rods						21
02	06-Oct-08	5	CO 7 - Certified Test Report - 3 in X 9-11.51 Rods						9
03	06-Oct-08	5	CO 7 - Certified Test Report - 3 in. Spherical Nuts						3
04	06-Oct-08	5	CO 7 - Certificate of Compliance - Spherical Plate Washers						9
05	06-Oct-08	5	CO 7 - Certificate of Compliance - Barge Plate Washers						4

These are transmitted as checked below:

- | | | |
|--|---|--|
| <input type="checkbox"/> For Approval | <input type="checkbox"/> For Review/comment | <input type="checkbox"/> Return For Correction |
| <input checked="" type="checkbox"/> For Your Use | <input checked="" type="checkbox"/> For Information | <input type="checkbox"/> Other |

Remarks:

CC:

File: 02.01

Submitted By: Charles Kanapicki

(ABF Staff Member – Originator of Transmittal)

Checked & Sent By: <<< Original Signed >>>

Contract Admin/DCS Staff



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Monnig Industries--Glasgow, Missouri**Report No:** NCS-000103**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 08-Oct-2008**Submitting Contractor:** Dyson Corp. & Subs**NCR #:** DYSN-0004**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: 05-Sep-2008**Description of Non-Conformance:**

ABF procured ASTM A 354 BD anchor rod assemblies too late to allow normal release procedures. As a result, QA sampling and shipment occurred simultaneously, and A 354 Grade BD anchor rods and A 563 hex nuts for the E2 Shear Key were shipped to the jobsite without QA testing results or METS release. Time was constrained because these components were ordered on a schedule that led to completion of fabrication only several days before anticipated installation.

In addition, documentation was either missing or incomplete.

Contractor's proposal to correct the problem:

Contractor states that the Department is responsible for schedule difficulties, citing response times for ABF-RFI-1233. Contractor to provide documentation once it is complete.

Corrective action taken:

None taken for lateness; however, METS review of Department response times for ABF-RFI-1233 does not bear out ABF's assertions. ABF aggregate time lapse between completion of Department reviews and ABF follow-up revisions total almost 3 months, including a 63-day lapse between Department return of R01 (4/11/08) and ABF submission of R02 (6/13/08). During the June-July period, ABF submitted R02 through R05, with three one-day and one four-day deadlines; in aggregate, the Department was only one (1) day late during this period, compared to the 17 days of lapses between Department responses and follow-on ABF RFIs. ABF's version of events was refuted in discussions between METS, Construction, and ABF.

ABF provided complete COC packages for all material several weeks following delivery of the components to the job site.

Did corrective action require Engineer's approval?

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

(Continued Page 2 of 2)

If so, name of Engineer providing approval:	Yes No	
	Brian Boal	Date:
Is Engineer's approval attached?	Yes No	

Comments:

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Inspected By:	Petrina,Markian	Quality Assurance Inspector
Reviewed By:	Iyer,Venkatesh	QA Reviewer
