

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 #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Changxing Island, Shanghai, PRC**Report No:** NCR-000045**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 28-Jan-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0044**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: RS1-RS1-AA
Procedural	Procedural	Descriptor:	OBG Closed U-Rib

Description of Non-Conformance:

The Contractor did not conform to approved working drawings. The Contractor used a hand held mechanical beveller instead of a gas cutting machine as described in the approved Deck Plate Panel Fabrication Procedure.

Applicable reference:

Deck Plate Panel Fabrication Procedure (ABF-SUB-000025R02, AAN on 01-29-2008), Sheet DP-102, Step 1.9: "Gas cutting machine will be used to form the U-rib butt joint bevel."

Who discovered the problem: QA Inspectors Bruce J. Berger & Greg Bertlesman**Name of individual from Contractor notified:****Time and method of notification:****Name of Caltrans Engineer notified:** Ady Velasco, discussed with Stanley Ku on 02-01-2008.**Time and method of notification:** 1600 Verbal**QC Inspector's Name:** ABF QC Representative Art Peterson**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:****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 Patrick Lowry, 916-227-5719, who represents the Office of Structural Materials for your project.

Inspected By: Lowry,Patrick

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer



DEPARTMENT OF TRANSPORTATION
666 Feng Bin Road Room 708, Changxing Island
Shanghai 201913 PR China
Tel: 021-56856666 ext 207061 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: American Bridge/Fluor Enterprises, a JV
375 Burma Road
Oakland CA 94607

Date: 11-Feb-2008

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

Attention: Dave Williams Consultant

Job Name: SAS Superstructure

Document No: 05.03.06-000027

Subject: NCR No. ZPMC-0044

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

Non-Conformance with quality control procedures. Please take appropriate corrective action. Recurrence may require further administrative action.

Non-Conformance with quality control. Records indicate that this is a recurring issue and constitutes a systematic problem in quality control. Within fourteen (14) days, please submit a plan to correct the deficiency.

Material or workmanship is not in compliance with contract requirements.

Enclosed please find the following items:

NCR No: ZPMC-0044

Remarks:

Please see attached Non-Conformance Report for details.

Transmitted by: Stanley Ku Sr. Bridge Engineer

cc: Rick Morrow, Gary Pursell, Stanley Ku, Brian Boal, Jason Tom, Dave Williams

File: 05.03.06

NCR PROPOSED RESOLUTION

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

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000027

Subject: NCR No. ZPMC-0044

Dated: 19-Aug-2008

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000088 **Rev:** 00

Contractor's Proposed Resolution:

Reference Resolution: We have revised the procedure and now hand machine beveller is allowed.

Please see attached.

Submitted by: Kanapicki, Charles

Attachment(s): ABF-NPR-000088R00; ;

Caltrans' comments:

Status: CLO

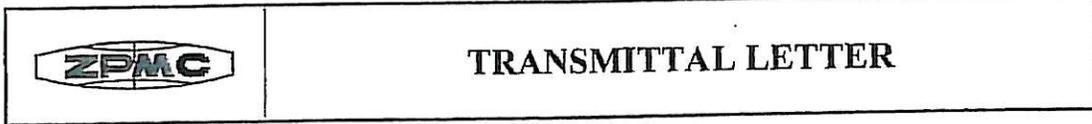
Date: 25-Aug-2008

The Deck Panel Fabrication Procedure has been revised and approved. The Department concurs that Non-Conformance ZPMC-0044 is closed.

Submitted by: Wright, Doug

Attachment(s):

Date: 25-Aug-2008



PROJECT: SAN FRANCISCO OAKLAND BAY BRIDGE

DATE: 04/29/2008

TO: RUBY/ ABFJV QA DEPARTMENT

FROM: ZPMC QA DEPARTMENT

SUBJECT: NCR-000045(ZPMC-0044) FOR CLOSURE

SUBMITTED FOR YOUR APPROVAL AND SUBMITTAL TO CALTRANS.

ENCLOSED WITH THIS TRANSMITTAL IS ONE

- (1) COPY OF LETTER OF RESPONSE WITH NO.B-116 FOR CLOSURE.
- (2) COPY OF NCR WITH NUMBER NCR-000045 (ZPMC-0044).
- (3) COPY OF ZPMC INTERNAL NCR NCR-B-013
- (4) COPY OF THE CHANGED FABRICATION PROCEDURE

PLEASE SIGN THIS TRANSMITTAL AND RETURN TO ME.

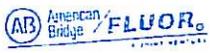
ACKNOWLEDGEMENT:



PLAN HOLDER

RECEIVED 29 APR 2008

DATE



COMPANY

PHONE NO.

PLAN NUMBER: N/A
#R787-QCP-102



No. B-116

LETTER OF RESPONSE

TO: American Bridge/Flour JV

DATE: 2008-4-28

REGARDING: NCR-000045 (ZPMC-0044)

With this letter of response, ZPMC requests closure for Caltrans NCR-000045 (ZPMC-0044). Right now we have make a agreement that the section 1.9(chamfer the butt joint bevel) can be canceled in the fabrication procedure with the ABF and Caltrans. It was mean that the contractor can make the joint bevel by any way (machine or gas cutting machine) until the specification.

So ZPMC considers NCR-000045 can be closed.

Please reference attached documentation for acceptance and closure the NCR-000045.

ATTACHMENT:

ZPMC-0044 (NCR-000045)

ZPMC internal NCR

The changed fabrication procedure (sign by ZPMC/ABF/CT)

Zhao Shuang bao

2008 4 28

This document is: APPROVED
State of California
DEPARTMENT OF TRANSPORTATION
Pursuant Section 5-1.02 of the
Standard Specifications
Initial *SJE* Date: *5/15/08*

REVIEWED
ABF GCM
30 APRIL 08



DEPARTMENT OF TRANSPORTATION
666 Fang Bln Road Room 708, Changxing Island
Shanghai 201913 PR China
Tel: 021-56856666 ext 207081 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: American Bridge/Fluor Enterprises, a JV
375 Burma Road
Oakland CA 94607

Date: 11-Feb-2008

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

Attention: Dave Williams Consultant
Job Name: SAS Superstructure
Document No: 05.03.06-000027

Subject: NCR No. ZPMC-0044

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- Non-Conformance with quality control procedures. Please take appropriate corrective action. Recurrence may require further administrative action.
- Non-Conformance with quality control. Records indicate that this is a recurring issue and constitutes a systematic problem in quality control. Within fourteen (14) days, please submit a plan to correct the deficiency.
- Material or workmanship is not in compliance with contract requirements.

Enclosed please find the following items:

NCR No: ZPMC-0044

Remarks:

Please see attached Non-Conformance Report for details.

Transmitted by: Stanley Ku Sr. Bridge Engineer

cc: Rick Morrow, Gary Pursell, Stanley Ku, Brian Boal, Jason Tom, Dave Williams

File: 05.03.06

This document is: APPROVED
State of California
DEPARTMENT OF TRANSPORTATION
Pursuant Section 5-1.02 of the
Standard Specifications
Initial *SJE* Date: *5/15/08*

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Contract #: 04-0120F4
 Cty: SF/ALA Rte: 80 PM: 13.2/13.9
 File #: 69.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Changxing Island, Shanghai, PRC

Report No: NCR-000045

Prime Contractor: American Bridge/Fluor Enterprises, a JV

Date: 28-Jan-2008

Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

NCR #: ZPMC-0044

Type of problem:

Welding Concrete Other
 Welding Curing Procedural Bridge No: 34-0006
 Joint fit-up Coating Other Component: RS1-RS1-AA
 Procedural Procedural Description: OBG Closed U-Rib

Description of Non-Conformance:

The Contractor did not conform to approved working drawings. The Contractor used a hand held mechanical beveller instead of a gas cutting machine as described in the approved Deck Plate Panel Fabrication Procedure.

Applicable reference:

Deck Plate Panel Fabrication Procedure (ABF-SUB-000025R02, AAN on 01-29-2008), Sheet DP-102, Step 1.
 9: "Gas cutting machine will be used to form the U-rib butt joint bevel."

Who discovered the problem: QA Inspectors Bruce J. Berger & Greg Bertlesman

Name of individual from Contractor notified:

Time and method of notification:

Name of Caltrans Engineer notified: Ady Velasco, discussed with Stanley Kn on 02-01-2008.

Time and method of notification: 1600 Verbal

QC Inspector's Name: ABF QC Representative Art Peterson

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

Comments:

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Inspected By: Lowry, Patrick

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer

This document is: **APPROVED**
 State of California
 DEPARTMENT OF TRANSPORTATION
 Pursuant Section 6-1.02 of the
 Standard Specifications
 Initial **SSE** Date: **5/15/08**

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DIVISION OF ENGINEERING SERVICES

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Changxing Island, Shanghai, PRC**Report No:** NCS-000017**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 11-Feb-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0044**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: 28-Jan-2008**Description of Non-Conformance:**

The Contractor did not conform to approved working drawings. The Contractor used a hand held mechanical beveller instead of a gas cutting machine as described in the approved Deck Plate Panel Fabrication Procedure.

Contractor's proposal to correct the problem:

METS-OSM will track this issue as a Quality Management Issue and does not request a response from the Contractor at this time. If this issue becomes systemic, METS will elevate this issue to second-tier and request a response from the Contractor.

Corrective action taken:

N/A

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:****Date:****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 Patrick Lowry, (858) 344-2712, who represents the Office of Structural Materials for your project.

Inspected By: Liu, Chengwen

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer