

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

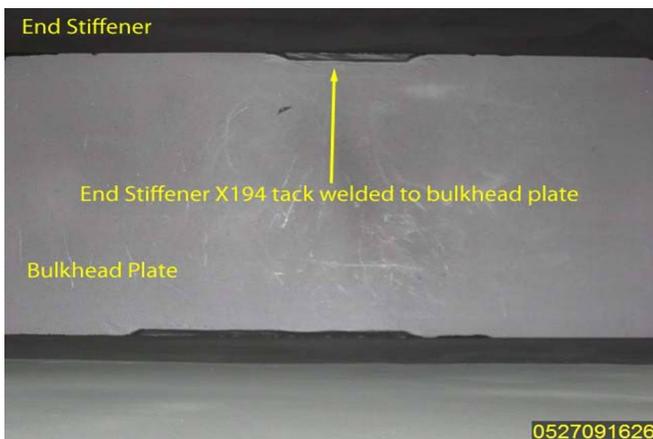
Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCR-000291**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 29-May-2009**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0265**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: OBG Segments 1AAW, 1AAE
Procedural	Procedural	Description:	

Reference Description: End stiffeners plates to bulkhead plate were tack welded at locations requiring mill to bear

Description of Non-Conformance:

On Segments 1AAW and 1AAE, Caltrans Quality Assurance Inspector found that the end stiffener plates (piece mark X194 at locations A2 and A40; X193 at locations A1 and A41) were tack welded at locations where they were required to be fitted as mill to bear. In locations requiring mill to bear, these stiffener plates were tack welded onto the bulkhead plate with weld length of approximately 75 mm to 125 mm. Stiffener plate X194 has tack weld on both sides and X193 has tack weld one side.

**Applicable reference:**

Approved shop drawings: Segment Assembly Drawings SEG1E and SEG2E

Who discovered the problem: Erik Prue**Name of individual from Contractor notified:** Peter Ferguson**Time and method of notification:** 1330, Verbal**Name of Caltrans Engineer notified:** Stanley Ku

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Time and method of notification: 1845, Email

QC Inspector's Name: Shen Xuejun

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

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 Eric Tsang, +(86) 1500.042.2372, who represents the Office of Structural Materials for your project.

Inspected By:	Tsang, Eric	SMR
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Reviewed By:	Wahbeh, Mazen	SMR
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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, P.R. China**Report No:** NCS-000414**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 25-Dec-2009**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0265**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: 29-May-2009**Description of Non-Conformance:**

On Segments 1AAW and 1AAE, Caltrans Quality Assurance Inspector found that the end stiffener plates (piece mark X194 at locations A2 and A40; X193 at locations A1 and A41) were tack welded at locations where they were required to be fitted as mill to bear. In locations requiring mill to bear, these stiffener plates were tack welded onto the bulkhead plate with weld length of approximately 75 mm to 125 mm. Stiffener plate X194 has tack weld on both sides and X193 has tack weld one side.

Contractor's proposal to correct the problem:

Perform repair conforming to the latest approved drawings.

Corrective action taken:

The repair has been made conforming to the latest approved drawings with acceptable NDT record.

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 Mazen Wahbeh, +(86) 134.7247.7571, who represents the Office of Structural Materials for your project.

Inspected By: Tsang, Eric **Quality Assurance Inspector****Reviewed By:** Wahbeh, Mazen **QA Reviewer**