

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 #: 69.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Changxing Island, Shanghai, PRC

Report No: NCR-000190

Prime Contractor: American Bridge/Fluor Enterprises, a JV

Date: 04-Sep-2008

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

NCR #: ZPMC-0171

Type of problem:

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: DP077-001
Procedural	Procedural	Descriptor: OBG Deck Panel	

Reference Description: Installation of Diaphragms on DP77

Description of Non-Conformance:

The Contractor has not complied with the written order of the Engineer to suspend work. The Contractor performed fit-up and tack welding of diaphragm plates to deck panels in the OBG Assembly Building after receiving direction to suspend the work involving diaphragm to deck plate fit-up and welding by the Resident Engineer.



Applicable reference:

State Letter No. 05.03.01-002561, Temporary Suspension of Diaphragm Plate to Deck Plate Assembly, dated August 15, 2008.

Standard Specifications, Sec. 8-1.05 Temporary Suspension of Work: "The Engineer shall have the authority to suspend the work wholly or in part, for any time period as the Engineer deems necessary, due to unsuitable weather, or to such other conditions considered unfavorable for the suitable prosecution of the work, or for any time period as the Engineer deems necessary due to the failure on the part of the Contractor to carry out orders given, or to perform any provision of the contract. The Contractor shall immediately comply with the written order of the Engineer to suspend the work wholly or in part. The suspended work shall be resumed when

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

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conditions are favorable and methods are corrected, as ordered or approved in writing by the Engineer."

Who discovered the problem: Caltrans Quality Assurance Robert H. Vatcher

Name of individual from Contractor notified: ABFJV QC Inspectors Art Peterson and Peter Shaw

Time and method of notification: Verbal notification at 0900 hrs.

Name of Caltrans Engineer notified: Kannu Balan

Time and method of notification: Notified previously of similar non-conformance

QC Inspector's Name: ZPMC QC Inspector Mr. Wang Lu

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 Abifhram Velasco, who represents the Office of Structural Materials for your project.

Inspected By:	Velasco,Abifhram	SMR
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Reviewed By:	Velasco,Abifhram	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, PRC**Report No:** NCS-000074**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 18-Sep-2008**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0171**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: 04-Sep-2008**Description of Non-Conformance:**

The Contractor has not complied with the written order of the Engineer to suspend work. The Contractor performed fit-up and tack welding of diaphragm plates to deck panels in the OBG Assembly Building after receiving direction to suspend the work involving diaphragm to deck plate fit-up and welding by the Resident Engineer.

Contractor's proposal to correct the problem:

State Letter No. 05.03.01-002682, dated September 11, 2008, removed the referenced suspension provided all identified cracks in subject panels are resolved and approved by the Engineer, as described in State Letter, 05.03.08-00006, dated September 9, 2008.

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 Ady Velasco, 011-86-138-1694-2685, who represents the Office of Structural Materials for your project.

Inspected By: Liu, Chengwen

Quality Assurance Inspector

Reviewed By: Velasco, Abifhram

QA Reviewer