

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023345**Date Inspected:** 03-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

CWI Name:	N/A	CWI Present:	Yes	No
Inspected CWI report:	Yes No N/A	Rod Oven in Use:	Yes No N/A	
Electrode to specification:	Yes No N/A	Weld Procedures Followed:	Yes No N/A	
Qualified Welders:	Yes No N/A	Verified Joint Fit-up:	Yes No N/A	
Approved Drawings:	Yes No N/A	Approved WPS:	Yes No N/A	
		Delayed / Cancelled:	Yes No N/A	
Bridge No:	34-0006	Component:	OBG Trial Assembly	

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, S. Manjunath Math was present during the time noted above for observations relative to the work being performed.

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) Trial Assembly Areas

3AW and 3BW (Bolting)

This Quality Assurance (QA) Inspector continues to monitor the bolt installation for U-Ribs 3AW and 3BW in between panel point PP No. 22.

3AW and 3BW (Bolting)

This Quality Assurance (QA) Inspector prepared the Punch List for bolting from PP 23 to 19 and submitted to Mr. Aaron Prchlik.

Dimensions Verification

4AE to 4BE; 4AW to 4BW; 3AE to 3BE and 3AW to 3BW joint inspection carried out with ABF Mr. Weiping and Mr. Li Vice for U-Ribs for determining where the shim plate installation are required identified 5 location on

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4AE to 4BE; 5 location on 4AW to 4BW; 14 locations on 3AE to 3BE and 12 locations on 3AW to 3BW.

3BW Corner Assembly

This Quality Assurance (QA) Inspector observed ZPMC's had installed the Angle Mark X37E Barrier Connection at Stiffeners plate type 2 at PP 23 (3BW) cross beam side. The QA Inspector observed the misaligned holes and back to back angles were held together by two pins. See incident report no.

040120F4_TL-15_B278_06-03-09_Road Barrier Angles Holes.doc for more comprehensive information.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

No relevant conversations were reported on this date.

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 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Math,Manjunath	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
