

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001440**Date Inspected:** 18-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 1800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 600**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:	114 Mock Up	

Summary of Items Observed:

On this date, Caltrans Office of Structural Materials (OSM), Quality Assurance (QA) Inspector, David A. Smith was present for the observations related the following;

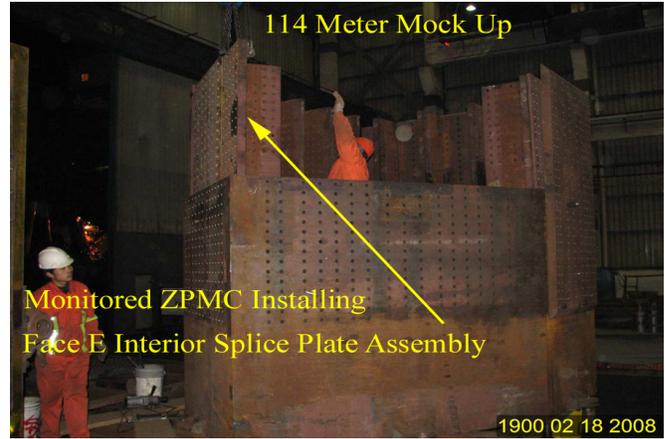
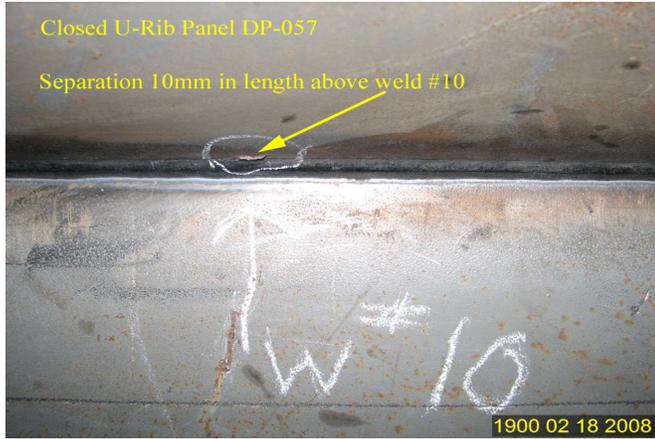
(BAY 1) Closed U-Rib panels. A visual weld inspection was being performed of the welding of two Closed U-Rib Panels. The visual inspection was performed by ABF Inspectors Mr. Steve Lawton, Mr. Gang Jiao and Mr. Kevin Dye on Closed U-Rib panels DP-057 and DP-015 welds 1 through 10 and a random visual inspection was performed by this Caltrans QA Inspector. Indication observed were undercut, underfill, excess weld buildup and poor weld profile.

(Bay 2) 114 Meter Mock Up, Lower section. Monitored Zhenhua Port Machinery Company (ZPMC) installing the Interior Splice Assembly at face E. The ZPMC Assembly Foreman in charge was Mr. Lv Yangcheng.

(BAY 2) 77 M Bottom Diaphragm Sub-Assembly. MUSA-SA95 weld #14 had been preheated then left to cool, no further action taken.

WELDING INSPECTION REPORT

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Summary of Conversations:

There were no pertinent conversations pertaining to the project during this shift.

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, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Smith,David	Quality Assurance Inspector
Reviewed By:	Cochran,Jim	QA Reviewer
