

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-026028**Date Inspected:** 11-Jul-2011**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 Mr. 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) at Trial Assembly Areas

Cross Beam (CB) # 19 to Segment 14 East

This QA Inspector performed Dimension Control Inspection along with Caltrans QA Inspector for measuring offset and gap between the stiffeners at floor beam (FL3) extension at Segment 14 East to Cross Beam # 19 stiffeners at bottom panel, vertical web plate and deck plate at following locations:

At Panel Point (PP) 125, Segment 14 West offset and gap measurement performed between floor beam stiffeners to west side Vertical Web Plate stiffeners of cross beam # 14 total 13 stiffeners.

At Panel Point (PP) 126, Segment 14 West offset and gap measurement performed between floor beam stiffeners to centre Vertical Web Plate stiffeners of cross beam # 14, total 13 stiffeners.

At Panel Point (PP) 127, Segment 14 West offset and gap measurement performed between floor beam stiffeners to east side Vertical Web Plate stiffeners of cross beam # 14, total 13 stiffeners.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Between Panel Points (PP) 125 to PP 126, Segment 14 West offset and gap measurement performed between deck panel stiffeners to deck panel stiffeners of cross beam # 14, total 11 stiffeners.

Between Panel Points (PP) 126 to PP 127, Segment 14 West offset and gap measurement performed between deck panel stiffeners to deck panel stiffener of cross beam # 14, total 11 stiffeners.

Between Panel Points (PP) 125 to PP 126, Segment 14 West offset and gap measurement performed between bottom panel stiffeners to bottom panel stiffeners of cross beam # 14, total 5 stiffeners.

Between Panel Points (PP) 126 to PP 127, Segment 14 West offset and gap measurement performed between bottom panel stiffeners to bottom panel stiffener of cross beam # 14, total 5 stiffeners.

The measurements were recorded in the Dimension Control Plan (DCP) on a separate form and submitted to the Lead Inspector and Engineer for review and disposition.

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
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Reviewed By:	Miller,Mark	QA Reviewer
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