

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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-013125**Date Inspected:** 10-Apr-2010**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:****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

Segment 9DE

This QA Inspector performed two (Caltrans QA and ABF QC) party joint Survey Inspection for the following Segment 9DE from Panel Point 80 to 82.

Corner Assembly Cope Holes dimension measurements at PP 79.5, PP 80, PP 80.5, PP 81, PP 81.5 and at PP 82 Cross Beam and Bike Path side.

Flatness measurement for Floor Beam at PP 80, PP 81 and PP 82 Cross Beam and Bike Path side.

Flatness measurement for Deck Panel to Corner Assembly from PP 79.25 to PP 82.25 Cross Beam and Bike Path side.

Flatness measurement for Side Panel to Corner Assembly from PP 79.25 to PP 82.25 Cross Beam and Bike Path

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

side.

Vertical and Horizontal measurement for Side Panel T-Ribs between PP 80 to PP 80.5; PP 81 to PP 81.5 and PP 81.5 to PP 82 at FL3 for Cross Beam side and

Plumbness and Flatness measurement for Deck Panel to Deck Panel Diaphragm at PP 80, PP 81 and PP 82 East and West side of the Diaphragm.

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

Summary of Conversations:

No relevant conversations.

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 T Sang 1500-0042-2372, 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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