

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-026033**Date Inspected:** 24-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

Segment 14AE (Deck Panel Diaphragm Plumbness and Flatness)

This QA Inspector performed Dimensional Inspection for measuring Deck Panel Diaphragm Plumbness and Flatness along with ABF QA Inspector for the Segment 14AE at the following locations:

The Deck Panel to the Deck Panel Diaphragm plate plumbness and flatness were measured from east and west side of the Deck Panel Diaphragm at Panel Points (PP) at following Panel Points.

Between U-Ribs from 1st till 4th, from 10th till 15th, from 20th till 22nd, from 25th till 30th and from 37th till 39th.

Panel Point 125

Panel Point 125.5

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Panel Point 126

Panel Point 126.5

Panel Point 127

Panel Point 127.3

The QA Inspector measured the plumbness using carpenter square and performed flatness check using 710mm Straight Edge.

Segment 14BE (Deck Panel Diaphragm Plumbness and Flatness)

This QA Inspector performed Dimensional Inspection for measuring Deck Panel Diaphragm Plumbness and Flatness along with ABF QA Inspector for the Segment 14BE at the following locations:

The Deck Panel to the Deck Panel Diaphragm plate plumbness and flatness were measured from east and west side of the Deck Panel Diaphragm at Panel Points (PP) at following Panel Points.

Between U-Ribs from 1st till 4th, from 10th till 15th, from 20th till 22nd, from 25th till 30th and from 37th till 39th.

Panel Point 127.5

Panel Point 128

Panel Point 128.3

The QA Inspector measured the plumbness using carpenter square and performed flatness check using 710mm Straight Edge.

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.

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Inspected By: Math,Manjunath

Quality Assurance Inspector

Reviewed By: Miller,Mark

QA Reviewer