DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-014284
Date Inspected: 03-May-2010

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 700
OSM Departure Time: 1900
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: Orthotropic Box Girder(OBG)

Summary of Items Observed:

On this day CALTRANS OSM Quality Assurance (QA) Inspector Manoj Prabhune was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA observed and/or found the following:

This QA Inspector randomly observed the following work in progress:

OBG # TRIAL ASSEMBLY YARD
Segment 8AE to 8BE (Transverse Splice)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr.Manjunath Math for the Horizontal Offset and Vertical Offset for the Transverse Segment T-Ribs to T-Ribs dimension was recorded from following work point for Segment 8AE to 8BE (Shop Segment Splice) between Panel Point (PP) 64 and PP 65 at the following locations

Side Panel from work point E1 to E3.

Bottom Panel from work point E3 to E4.

Side Panel from work point E4 to E6.

The measured and recorded readings were submitted to the Lead and Engineer for review.

Segment 8AE (FL3 Side Panel)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr. Manjunath Math for the Horizontal Offset and Buckling at T-Ribs below the Floor Beam for the Transverse Segment T-Ribs to T-Ribs at Side Panel dimension was recorded from following work point for Segment 8AE between Panel Point (PP) 62 to PP 62.5; PP 63 to PP 64.5 and PP 64.5 to PP 65 at the following locations.

Side Panel from work point E4 to E6.

The measured and recorded readings were submitted to the Lead and Engineer for review.

Segment 8CE (FL3 Side Panel)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr.Manjunath Math for the Horizontal Offset and Buckling at T-Ribs below the Floor Beam for the Transverse Segment T-Ribs to T-Ribs at Side Panel dimension was recorded from following work point for Segment 8CE between Panel Point (PP) 69 to PP 69.5; PP 70 to PP 70.5 and PP 70.5 to PP 71 at the following locations.

Side Panel from work point E4 to E6.

The measured and recorded readings were submitted to the Lead and Engineer for review.

Segment 8CW (FL3 Side Panel)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr.Manjunath Math for the Horizontal Offset and Buckling at T-Ribs below the Floor Beam for the Transverse Segment T-Ribs to T-Ribs at Side Panel dimension was recorded from following work point for Segment 8CW between Panel Point (PP) 69 to PP 69.5; PP 70 to PP 70.5 and PP 70.5 to PP 71 at the following locations.

Side Panel from work point W4 to W6.

The measured and recorded readings were submitted to the Lead and Engineer for review.

Segment 7BW (FL3 Side Panel)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr.Manjunath Math for the Horizontal Offset and Buckling at T-Ribs below the Floor Beam for the Transverse Segment T-Ribs to T-Ribs at Side Panel dimension was recorded from following work point for Segment 7BW between Panel Point (PP) 50 to PP 50.5; PP 51 to PP 51.5 and PP 51.5 to PP 52 at the following locations.

Side Panel from work point W4 to W6.

WELDING INSPECTION REPORT

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The measured and recorded readings were submitted to the Lead and Engineer for review.

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

Summary of Conversations:

Only general conversation was held between QA and QC concerning this project.

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

Inspected By:	Prabhune,Manoj	Quality Assurance Inspector
Reviewed By:	Patterson,Rodney	QA Reviewer