

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-013807**Date Inspected:** 03-May-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 8AE to 8BE (Transverse Splice)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr. Manoj Prabhune 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.

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Segment 8AE (FL3 Side Panel)

This QA Inspector performed Dimension Inspection along with Caltrans QA Inspector Mr. Manoj Prabhune 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. Manoj Prabhune 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. Manoj Prabhune 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. Manoj Prabhune 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.

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

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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:	Carreon,Albert	QA Reviewer
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