

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-014839**Date Inspected:** 07-Jun-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

Incident Report for Segment 9AE (U-Rib)

This Quality Assurance (QA) Inspector wrote an Incident Report for Impact Damage/Bend of Seventh U-Rib from Cross Beam side for Segment 9AE Panel Point (PP) 73 for more comprehensive details please refer the Incident Report # 04-0120F4_TL-15_B278_06-07-2010_U-Rib_Impact Damage_9AE at PP 73 Dated June 07, 2010. Please refer the attached pictures for more comprehensive details.

Segment 9AE to 9BE (U-Ribs) Joint Survey

This QA Inspector performed Joint Inspection with ABF Survey Team for the U-Ribs to U-Ribs (Total 39 nos.) for Segment 9AE to 9BE (Shop Segment Splice) between Panel Point (PP) 73 and PP 74 North and South side. The measured readings were recorded in the Dimension Control Form (DCP) and submitted to the Task Leader and Engineer for review.

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Segment 9AW to 9BW (U-Ribs) Joint Survey

This QA Inspector performed Joint Inspection with ABF Survey Team for the U-Ribs to U-Ribs (Total 39 nos.) for Segment 9AW to 9BW (Shop Segment Splice) between Panel Point (PP) 73 and PP 74 North and South side. The measured readings were recorded in the Dimension Control Form (DCP) and submitted to the Task Leader and Engineer for review.

Segment 7DW to 7EW

This QA Inspector performed Dimension Control Inspection along with Caltrans QA Inspector Mr. Manoj Prabhune for the Transverse Splice T-Ribs for the Segment 7DW to 7EW between Panel Point (PP) 58 to PP 59 from Work Point W6 to Work Point W4 (Side Panel Cross Beam Side) and from Work Point W4 to Work Point W3 (Bottom Panel) and from Work Point W3 to Work Point W1 (Side Panel Counter Weight Side).

Segment 8AE, 8BE and 8CE (Side Panel to Corner Assembly)

This QA Inspector performed Dimension Control Inspection the Side Panel to Corner Assembly Longitudinal Weld Skin Flatness from Panel Point (PP) 61 to PP 70 Bike Path Side. The measured readings were recorded on spread sheet and submitted to the Lead and Engineer for review.

Segment 8AE, 8BE and 8CE (Side Panel to Corner Assembly)

This QA Inspector performed Dimension Control Inspection the Deck Panel to Corner Assembly Longitudinal Weld Skin Flatness from Panel Point (PP) 61 to PP 70 Bike Path Side. The measured readings were recorded on spread sheet and submitted to the Lead and Engineer for review.

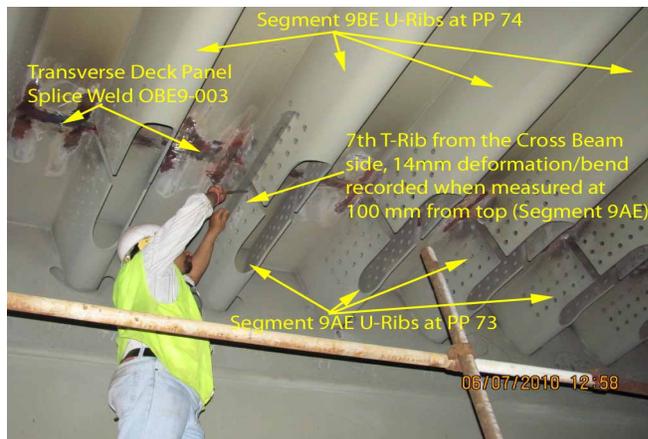
Segment 8AE, 8BE and 8CE (Side Panel to Corner Assembly)

This QA Inspector performed Dimension Control Inspection the Side Panel to Corner Assembly Longitudinal Weld Skin Flatness from Panel Point (PP) 61 to PP 70 Bike Path Side. The measured readings were recorded on spread sheet and 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.

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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

Reviewed By: Carreon,Albert

QA Reviewer