

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-001581**Date Inspected:** 28-Feb-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**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	

Summary of Items Observed:

The Caltrans Quality Assurance (QA) Inspector Charlie Franco was present at the time requested to randomly observe welding and associated operations being performed for the Orthotropic Box Girders (OBG).

Bay 1:

The QA Inspector performed a random visual inspection on the Partial Joint Penetration (PJP) welds attaching the closed ribs to Deck Plate DPO20-001. Indications were marked in yellow paint stick on DP020-001 by the type of indication, along with the distance from the "Y" location by the QA Inspector. The QA Inspector then recorded the information separate spreadsheet.

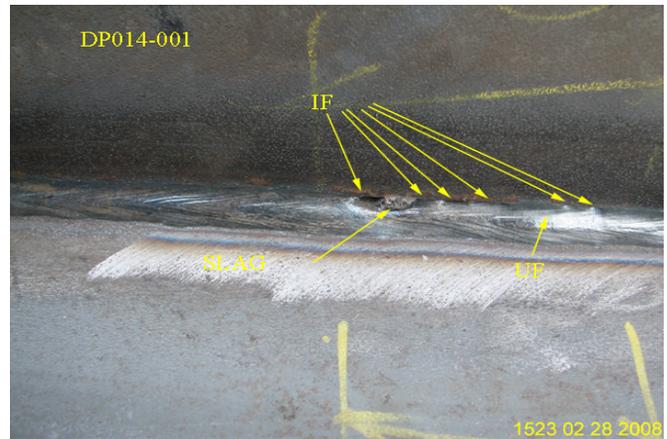
Storage Yard Outside New OBG Fabrication Bays:

The QA Inspector performed a random visual inspection on the Partial Joint Penetration (PJP) welds attaching the closed ribs to Deck Plate DPO14-001. Indications were marked in yellow paint stick on DP014-001 by the type of indication, along with the distance from the "Y" location by the QA Inspector. The QA Inspector then recorded the information separate spreadsheet. The attached photographs provide additional detail.

The QA Inspector performed a random visual inspection on the Partial Joint Penetration (PJP) welds attaching the closed ribs to Deck Plate DPO59-001. Indications were marked in yellow paint stick on DP059-001 by the type of indication, along with the distance from the "Y" location by the QA Inspector. The QA Inspector then recorded the information separate spreadsheet.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

There were 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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By: Franco,Charlie

Quality Assurance Inspector

Reviewed By: Hager,Craig

QA Reviewer