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 #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 1.28

WELDING INSPECTION REPORT

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

Report No: WIR-014487
Date Inspected: 26-May-2010

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: American Bridge/Fluor Enterprises, a JV

OSM Arrival Time: 800
OSM Departure Time: 1630
Location: Job Site

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 Girders

Summary of Items Observed:

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI observed ABF activities at the Pier 7 location. The QAI did not observe any Quality Control (QC) Inspectors present. The QAI noted that ABF personnel are setting construction equipment into the OBG segment 6W and performing general preparations for it's erection. The QAI noted that ABF personnel are welding on barges and other job related equipment. The QAI also noted that the contractor is assembling parts of the temporary trestle on the barges at Pier 7. The QAI did not observe any personnel welding on bridge components. See the attached photos.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP and newly issued ABFJV non-conformance reports. The QAI updated the records of the non-conforming incident reports that have been provided by ABFJV.

The QAI was informed that the contractor will be setting up a procedure qualification for stud welding on the OBG edge plates. The QAI spoke with welding personnel and was informed that the work is under the charge of Dan Dunn, w/ ABF and that is may not be done during this shift. The QAI later spoke with the Welding Quality Control Manager (WQCM) Jim Bowers and was informed that the steel that will be used for the qualification and procedure testing is not available at the work site. The QAI was informed that the stud welding will be re-scheduled for tomorrow, 5-27-2010.

WELDING INSPECTION REPORT

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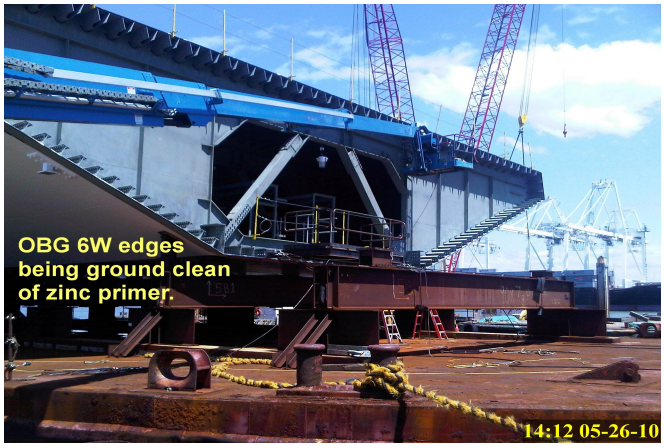

Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI also relayed the general status of work observed to the Lead QAI Bill Levell. The QAI was informed that welder Xiao Jian Wan, ID 9677, has been informally approved by the Engineer for gas shielded flux cored arc welding (FCAW-G) all positions welding. Except as described above, there were no other notable conversations or observations.

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 Mohammad Fatemi, (916)813-3677, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer