

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 #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012143**Date Inspected:** 17-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site

CWI Name:	Mike Johnson, Steve McConnell	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:	SAS OBG 2E/3E	

Summary of Items Observed:

The Quality Assurance (QA) Inspector, Rick Bettencourt was on site at the job site between the times noted above. The QA Inspector was on site to randomly observe the in process fit up of the 1E/2E-D and 1E/2E-A. The following observations were made.

- 1.) 1E/2E-D- No work performed
- 2.) 1E/2E-A- No work performed
- 3.) Orthotropic Box Girder (OBG) 3E- lifted and began sliding down trestle

1E/2E-D

The QA Inspector was informed by the American Bridge/Fluor (ABF) Welding Quality Control Manager (WQCM) Jim Bowers, the ABF personnel would begin performing fit up tasks of the above identified weld joint. It was noted no work was performed on the above identified joint on this date.

The QA Inspector randomly observed the ABF personnel installing the fit up and welding platforms on the outsides of the side plates. The QA Inspector noted the ABF welding personnel spent the remainder of the shift installing the access platform. No welding or fit up tasks were performed on this date.

Orthotropic Box Girder (OBG) 3E

The QA Inspector randomly observed the ABF erection personnel lifted the above identified OBG onto the east bound trestle. It was observed by the QA Inspector the above identified OBG was slid down to within 100 feet of

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

OBG 2E by the end of the QA Inspectors shift.

WQCP Review

The QA Inspector sent the remainder of the shift continuing to perform WQCP review and organization of the submittal 1106 revisions 1-11. The QA Inspector was updating and performing organizational duties in of the original submittal and all approved revisions up to today's date of 2/17/10. The QA Inspector began creating the QA reference guide for QA duties, weld tracking and traceability, extent and frequency of non destructive testing and all approved welding procedures submitted by ABF.

Summary of Conversations:

As noted above.

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:	Bettencourt,Rick	Quality Assurance Inspector
----------------------	------------------	-----------------------------

Reviewed By:	Levell,Bill	QA Reviewer
---------------------	-------------	-------------