

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-012002**Date Inspected:** 12-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 1E/2E	

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 and monitor in process fit up and bolting sequence of the Orthotropic Box Girders (OBG) 1E/2E.

1.) OBG 1E/2E fit up

Upon the QA Inspector's arrival it was observed the Smith Emery Quality Control (QC) Inspector's Mike Johnson and Bernard Docena were on site on stand by. The QA Inspector randomly observed no welding was performed on the job site on today's date. The QA Inspector randomly observed the ABF personnel performing fit up tasks of the two OBG's identified above. The QA Inspector randomly observed the ABF bolting personnel installing the splice plates at the at E3 and E4 full height longitudinal diaphragms. The QA Inspector randomly observed the ABF representatives installing black A325 temporary bolts with a combination of drift pins in the shear plates. The ABF Welding Quality Control Manager (WQCM) Jim Bowers informed the QA Inspector no work will be performed over the weekend.

"D" Face "I" Ribs

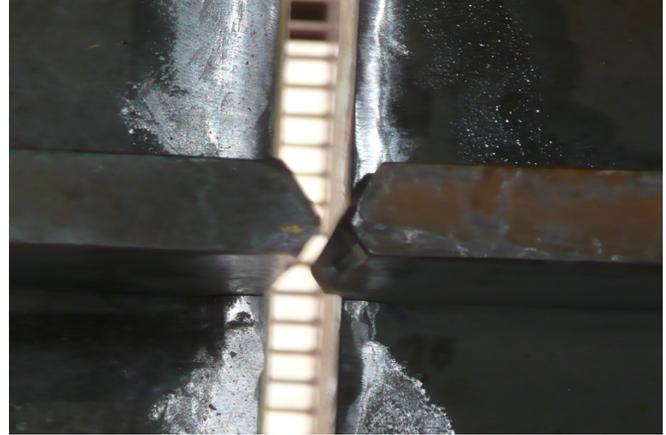
The QA Inspector randomly observed the fit up of the "I" ribs on the bottom of the OBG or the "D" face. The QA Inspector performed a preliminary inspection of the fit up prior to ABF personnel performing any dimensional tolerance inspections. Upon the random preliminary inspection it was observed the "I" ribs appeared to be with in the dimensional tolerances of the contract documents (pictured below). The QA Inspector noted it is unknown whether the OBG is in the final resting position at the time of the random preliminary dimensional inspection.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

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 2/12/10. 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
---------------------	-------------	-------------