

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-013567**Date Inspected:** 29-Apr-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
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: 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:**

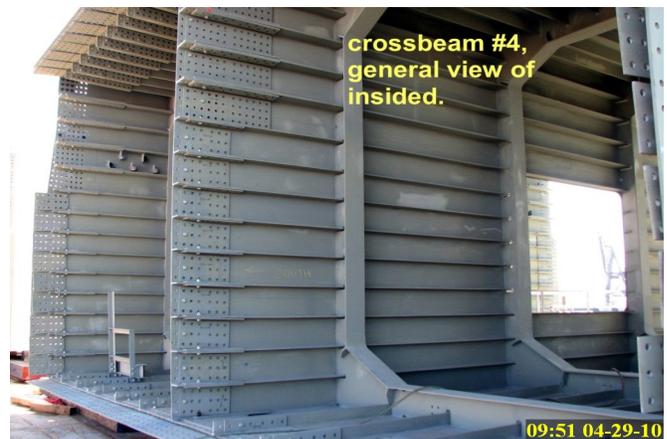
The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI accompanied the Caltrans Structures Construction group and assisted in performing the post arrival inspection of the Orthotropic Box Girder (OBG) segments 6E, 5W and crossbeams #4, #5 and #6. The QAI made observations of the interior panel points from 37 to 42 on OBG segment 6E and of the interior panel points from 29 to 33 on OBG segment 5W. The QAI also made observations of all accessible surfaces of the crossbeams. The QAI reviewed the shipping / fastening plan and noted where the shoring, longitudinal sea fasteners and lateral sea fasteners made contact with the bottom and side plates of the OBG segments and crossbeams. The QAI noted the presence of water in the OBG segments and general marring of the finish coat paint on all observed components. The QAI noted that there did not appear to be shipping related damage to the OBG segments or the crossbeams. See the attached photos. The QAI relayed this information to the QAI Lead Bill Levell and the Associate Steel Inspector Jason Gramlick.

The QAI also observed ABF personnel preparing to cut access holes through the top deck plate (plate A) on OBG segment 5E. The QAI asked the ABF workers if they planned to do any welding at these locations. The QAI was informed that only cutting and grinding will be done. The QAI also noted that the Quality Control (QC) Inspector Mike Johnson is present and monitoring the work.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

The QAI relayed the above mentioned observations to the QAI Lead Bill Levell. There were no other notable 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 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