

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026697**Date Inspected:** 10-Nov-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Bernard Docena**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:** S.A.S. components**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 reviewed contract documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI was provided with the informal weekly welding report package #87 and began a cursory review of the inspection reports. The QAI continued reviewing documents and compiling the weld status from submittal documentation. This work was in progress at the end of the shift.

The QAI observed the contractor's personnel performing work related to Contract Change Order (CCO) 178. The QAI noted that the work involves cutting off portions of the architectural beams and welding a cover plate onto the remaining beams under the belvederes on the Skyway bike path. The QAI noted that the work is being performed at Pier 6 East. The QAI met with the Quality Control Inspector (QCI) Bernard Docena and was informed that work is in progress according to the documentation. The QAI was informed that work today is on the west side belvedere. The QAI was informed that the east side belvedere was completed and accepted by the QCI Patrick Swain on 11.09.2010. The QAI relayed this information to the QAI Lead Bill Levell. The QAI was not able to verify QC coverage at this welding location.

The QAI delivered strain gauge monitoring equipment to the Sacramento Translab for calibration. The QAI noted that these instruments will be used to verify the contractor's hydraulic jacking equipment when the crossbeam 19 is pulled into position for final installation with OBG segment 14W.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Summary of Conversations:

The QAI relayed the status of the document reviews and CCO welding to the QAI Lead Bill Levell. Except as described above, 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 Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

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