

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026208**Date Inspected:** 30-Aug-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:** Chuck Kanapicki**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 related documents including the Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI continued reviewing submittal 1536R74, for conformance with the contract requirements. The QAI noted that the formal response for submittal 1536R74 is still pending discussion and approval.

The QAI continued reviewing QA NDT reports and cross referencing QC reports to verify compliance with weld testing requirements. This work was in progress at the end of the shift.

The QAI met with ABF's Quality Control Manager (QCM) Chuck Kanapicki at Pier 7 and conducted a preliminary survey of the main components from voyage 9. The QAI accompanied the QCM on ZPMC freighter and observed the Orthotropic Box Girder (OBG) segments 13E, 13W, 14E & 14W. The QAI noted there is limited access to the interior of the OBG segments and the shipping braces are still being removed from the surrounding components. The QAI was informed that the contractor intends on repairing the zinc primer and paint that is on these OBG segments and that they plan on doing this work as soon as possible. The QAI noted that there appears to be a significant amount of painting repairs to be performed. The QAI was informed that the post arrival inspection of these components will be scheduled for later this week and next week. See the attached photos of conditions observed.

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Summary of Conversations:

The QAI relayed the status of the document reviews and submittal response proposal 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
