

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-019215**Date Inspected:** 10-Jan-2011**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:** William Norris**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 submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI was completed reviewing the informal welding report package #42, dated 11-22-2010 to 11-28-2010. During the review, the QAI identified several weld reports that appear to be missing repair documentation. The QAI noted that pp20-E3 #3, #4, pp20-E4 #1, #2, pp11-E3#4 welds are missing initial reports of ultrasonic testing, field splice 7E/8E E1 is missing reports of welding and 7E/8E F is missing reports of welding. The QAI met with the Quality Control (QC) Inspector William Norris and relayed this information. The QAI was informed that the contractor was aware of the missing UT reports and that 7E/8E E1's missing report has been located. The QAI was also informed that the other reports will be located for 7E/8E F, and will be included in the formal submittal. The QAI noted that at this time the most recent submittal of welding reports is dated ending 09-26-2010 and asked the QC Inspector if he had any knowledge of when more report packages will be formally submitted. The QC Inspector replied that he did not know when any more formal submittals will be made. The QAI continued consolidating the information from welding report submittals to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the contractor's welding reports.

Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI met with the QC Inspector William Norris and had conversations regarding the welding report submittals, as detailed above. The QAI relayed the status of submittal and document reviews to the QAI Lead Bill Levell. Except as described above,

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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
