

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-016700**Date Inspected:** 10-Sep-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1200**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 continued the courtesy review of the contractor's welding reports that contain corrections / revisions of previously rejected welding report submittals. The QAI continued consolidating the information from previous welding report submittals to identify missing reports of inspections. The QAI also continued generating a weld specific tracking list from the submitted welding reports.

The QAI met with the Quality Control (QC) Inspector William Norris to discuss the courtesy review of the contractor's welding reports, submittal 1536 Rev.21 and the corrected reports (submittal number is not determined yet). The QAI relayed that 1 field weld splice location appears to be missing weld repair information and ultrasonic testing (UT) reports for a previously reported rejectable indication. The QAI also asked the QC Inspector if it was determined when additional reports will be submitted that will resolve the contract requirements of weld reports that are missing. The QAI was informed by the QC Inspector that the contractor has not determined what additional reports will be submitted and when the reports will be submitted.

Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI had a conversation with the QC Inspector William Norris and relayed the status of the submittal reviews. The QAI was informed by the QC Inspector that the Rev.21 submittal will be checked, as the weld repair may not have been performed during that week. The QAI replied that all other repairs at that specific weld location were performed

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and reported during the previous (approved) submittal Rev.20 and this repair appears to be missing. Except as described above, there were no other notable conversations or observations.

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
