

**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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018180**Date Inspected:** 15-Nov-2010**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:** 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 completed the informal review of the contractor's weekly welding reports package # 31. The QAI noted that the documents appeared to be generally conforming to the contract requirements and relayed this information to the Quality Control (QC) Inspector William Norris. The QAI also provided the QC Inspector with the most recent tracking matrix based on all reviewed (formal and informal) reports. The QAI was provided with another welding report package for informal review. The QAI continued the courtesy review of the 4 remaining weld report packages. The QAI continued consolidating the information from welding report submittals to identify missing reports of inspections. The QAI also 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 had conversations with the QC Inspector William Norris, as noted above. The QAI relayed the status of submittal and document reviews to the QAI Lead Bill Levell. 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

---

---

# WELDING INSPECTION REPORT

*( Continued Page 2 of 2 )*

---

---

Materials for your project.

---

**Inspected By:** Croff, Scott

Quality Assurance Inspector

---

**Reviewed By:** Levell, Bill

QA Reviewer