

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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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-017002**Date Inspected:** 27-Sep-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 revisions to the WQCP. The QAI continued reviewing informal copies of the contractor's welding report submittal #s 1536 Rev. 28 thru Rev. 32, to review for conformance to the contract requirements. The QAI was given an informal copy of the contractor's welding report submittal Rev. 33 to review for conformance to the contract requirements. The QAI continued consolidating the information from previous welding report submittals to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the contractor's welding reports.

The QAI completed reviewing the informal submittal package (weld report number 24) and noted that reports for field splice 5W/6W weld A1 do not appear to be in order with visual inspection and magnetic particle testing (MT).

The QAI also noted that reports for field splice 4W/5W weld F1 do not include daily welding reports. The QAI completed reviewing the informal package (weld report package number 25) and noted that reports for field splice 1W/2W weld B do not include VT and MT reports for the exterior. The QAI also noted that reports for field splice 2W/3W welds D1 and D2 do not include VT and MT reports for the exterior. The QAI also noted that reports for field splice 3W//4W weld B do not include VT and MT reports for the interior. The QAI noted that the remaining reports appear to be conforming to the contract requirements. The QAI met with the Quality Control (QC) Inspector William Norris and relayed these observations of the informal submittal reviews. The QAI was informed that these reports will be identified and submitted at a later time.

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# WELDING INSPECTION REPORT

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**Summary of Conversations:**

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, the QAI had a conversation with the QC Inspector William Norris regarding the informal review of welding report submittals. The QAI relayed the status of submittal 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 Materials for your project.

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<b>Inspected By:</b>	Croff,Scott	Quality Assurance Inspector
<b>Reviewed By:</b>	Levell,Bill	QA Reviewer

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