

**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:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027607**Date Inspected:** 14-May-2012**Project Name:** SAS Superstructure**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Arrival Time:** 730**OSM Departure Time:** 1800**Location:** Pier 7 Job Site**CWI Name:** N / A**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 documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI completed reviewing submittal 1536 report package revision 116. Reference the applicable TL-20 report for additional information. The QAI was provided with welding report package submittal revisions 117 and 118 for review of conformance with the contract requirements. The review was in progress until the end of the shift.

The QAI was requested to assist in identifying the quantity of water that has become entrapped in skyway bikepath panels. The QAI met with the Transportation Engineer Marcos McManus and reviewed the work in progress. The QAI was informed that the contractor has been removing water for over an hour and there was a question as to how much water appeared to be left for draining. The QAI utilized the thermal imaging camera and showed Mr. McManus that the South side of the panel appeared to have a significant quantity of water remaining. The QAI noted that water was not fully drained at the end of the shift. The QAI was informed that the drain plug was replaced and water draining will continue at a later time.

**Summary of Conversations:**

The QAI relayed the status of the document reviews and skyway work to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

**Comments**

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## WELDING INSPECTION REPORT

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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.

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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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