

**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-027660**Date Inspected:** 23-May-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1930**Contractor:** American Bridge/Fluor Enterprises, a JV**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 continued reviewing the informal welding report package #114, for conformance with the contract requirements.

The QAI assisted in conducting a thermal image survey of Skyway Bikepath Panels, identifying water levels and marking areas that need additional water removal / drilled plugs installed. The QAI also assisted in conducting a water intrusion test of the Skyway Bikepath Panels. The QAI noted that this work is requested per Contract Change Order (CCO) # 217. The QAI relayed the observations to the Associate Steel Inspector (ASI) Jason Gramlick and the Structural Materials Representative (SMR) Nicolai Hvass. This work was in progress until the end of the shift.

**Summary of Conversations:**

The QAI relayed the status of the document reviews and CCO 217 status to the QAI Lead Bill Levell. Except as described above, 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

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# WELDING INSPECTION REPORT

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your project.

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**Inspected By:** Croff, Scott

Quality Assurance Inspector

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**Reviewed By:** Levell, Bill

QA Reviewer