

**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-029629**Date Inspected:** 01-May-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** S.A.S. Job site

<b>CWI Name:</b>	N / A		
<b>Inspected CWI report:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A

<b>CWI Present:</b>	Yes	No	
<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved WPS:</b>	Yes	No	N/A
<b>Delayed / Cancelled:</b>	Yes	No	N/A

**Bridge No:** 34-0006**Component:** S.A.S. Structure**Summary of Items Observed:**

The Caltrans 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 the welding report submittals and welding report packages to cross reference the welding and inspection status as reported with QA records and to identify the overall weld status of work reported as complete and in progress. The QAI continued reviewing the contractor's reports and referencing the Requests for Weld Repair (RWRs) in order to determine the status of completion of the repairs of Electro-Slag Welds (ESW). The QAI continued reviewing welding report packages 160, 161, 162 and 163, for conformance with the contract requirements. This work was in progress at the end of the shift.

The QAI transported parts of the E2 anchor bolts to / from Anamet and Translab. Reference lot # B212-100-13 / TL-101 C710801 for additional information. See the attached photos.

\* The QAI also worked on the 04-0120S4 project during the time listed on this report, the hours worked will be respectively charged and the work reported to the contract.

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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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## Summary of Conversations:

The QAI relayed the status of the document / submittal reviews and E2 bolt samples to the QAI Lead Danny Reyes. The QAI Robert Mertz informed the QAI that ABF has a welder approved for project work, Donald Plumb is approved for Shielded Metal Arc Welding (SMAW). 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 Gary Thomas, (916) 764-6027, 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>	Reyes, Danny	QA Reviewer

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