

**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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029281**Date Inspected:** 07-Mar-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 600**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1630**Contractor:** American Bridge Manufacturing**Location:** Reedsport, OR

<b>CWI Name:</b>	David Speakman		
<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:** Electric Panel Support**Summary of Items Observed:**

The Caltrans Quality Assurance Inspector (QAI) Jamie Schlarb was at the offsite fabrication facility of American Bridge Manufacturing (ABM) between times noted above in order to monitor Quality Control functions and the in process work being performed by ABM personnel. The following items were observed:

The QAI witnessed work in progress related to CCO 61 (Electric Panel Support):

This QAI observed ABM personnel performing fit up and tack welding operations of multiple parts for the Electric Panel Support (#1F1 Frame Assembly). The ABF approved drawing numbers utilized were sheet number CCO61-1. The parts fit were mark #pa1, pc1, and pb1. The ABM Welder was Ben Price (ID# 88) and utilizing ABM FCAW WPS #ABM-SAS-09.

The QAI observed ABM Certified Welding Inspector (CWI), David Speakman & Assistant Quality Control Inspector (QCI) Tony Corsaletti monitored the fit up and welding operations, checking pre-heat and interpass temperatures, perform dimensional and visual inspection. The QAI observed that items witnessed appeared to be in conformance with the approved drawings noted above, the standard specification and special provisions.

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# WELDING INSPECTION REPORT

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## Summary of Conversations:

None unless noted above.

## 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>	Schlarb, Jamie	Quality Assurance Inspector
<b>Reviewed By:</b>	Riley, Ken	QA Reviewer

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