

**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-027573**Date Inspected:** 09-May-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Jobsite**CWI Name:** Steve Jensen**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:** Skyway**Summary of Items Observed:**

The Caltrans Quality Assurance Inspector (QAI) David R Gray was at the American Bridge Fluor (ABF) job site between times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

The QAI witnessed work in progress related to Contract Change Order (CCO) 179. The QAI observed ABF welder Jason Collins ID# 8128 fillet welding in the 2F and 4F positions with FCAW utilizing E71T-11 wire electrode. Bikepath Divider Rail Conduit Routing 16mm pipe sleeves were "Seal Welded" (reference note 4 of Contract Change Order No. 179 Sheet 5 of 7) to the top and bottom plates at dividers 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161 and 162. QCI Steve Jensen was observed measuring welding parameters for compliance to ABF-WPS-D11-F2201. Holes for the 16mm Pipe Sleeve were observed being drilled from panel 146 to approximately 165. The QA Inspector made subsequent observations to the end of the work shift (1430 hours) to monitor quality and noted that the work appears to be in general accordance with the project plans and specifications.

**Summary of Conversations:**

Except as noted above no significant conversations were held on this date.

**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 your project.

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# WELDING INSPECTION REPORT

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