

**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-027090**Date Inspected:** 23-Jan-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:** Bernard Docena**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:** SAS project**Summary of Items Observed:**

This Quality Assurance (QA) Inspector, Craig Hager was on site at the job site between the times noted above.

This QA Inspector was on site to randomly observe Quality Control (QC) personnel perform Non-Destructive Testing (NDT) and /or monitor American Bridge/Fluor (ABF) welding operations. This Quality Assurance (QA) Inspector, Craig Hager observed the following.

Longitudinal Diaphragm Access Opening, Contract Change Order (CCO) # 202:

This QA Inspector arrived at the Warehouse at Pier #7 and observed QC Inspector Bernard Docena perform a visual inspection and Magnetic Particle Testing (MT) on Splice Plate-A, assembly #1., which had additional welding performed the previous shift by ABF welding personnel Gilbert Peralta (#9453). This QA Inspector was informed that QC Inspector Bernard Docena had accepted the visual and MT inspections. This QA Inspector performed a random visual inspection and the work observed appeared to comply with the contract requirements.

This QA Inspector informed Structural Material Representative (SMR) Bahjat Dagher of the work performed. This QA Inspector and SMR Bahjat Dagher had previously had a conversation regarding the drawing being used for the fabrication of the Splice Plates in CCO202. SMR Bahjat informed this QA Inspector an Incident Report was required regarding the drawing being used for fabrication. See Incident Report this date for details.

This QA Inspector received the following Weekly Welding Report submittal; ABF-SUB-001905R78 and ABF-SUB-001905R79. This QA Inspector performed a review of the documents to determine compliance with the Welding Quality Control Plan (WQCP) submitted by the contractor, compliance with the applicable contract

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requirements and to determine if any Quality Control (QC) documents were missing. This QA Inspector documented the findings and informed QA Inspector Bill Levell of the findings. This QA Inspector completed a Review of Contractor's Submittal (TL-20) report for the submittal.

### **Summary of Conversations:**

This QA Inspector had general conversations with American Bridge/Fluor (ABF) personnel, QC personnel and Caltrans personnel during this shift. Except as described above there were no 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 your project.

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

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