

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-014488**Date Inspected:** 27-May-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1630**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** 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:** Orthotropic Box Girders**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 observed ABF activities at the Pier 7 location. The QAI did not observe any Quality Control (QC) Inspectors present. On OBG lift 6W, the QAI observed ABF personnel grinding the zinc primer from the field splice weld base metal and performing general preparations for its placement. The QAI noted that ABF personnel are welding on barges and other job related equipment. The QAI also noted that the contractor is assembling parts of the temporary trestle on the barges at Pier 7. The QAI did not observe any personnel welding on bridge components.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP and newly issued ABFJV non-conformance reports. The QAI updated the records of the approved welders and inspection personnel, as currently approved by the Engineer. The QAI started reviewing the contractor's welding reports, submittal # 1536 Revision 5. The review was in progress at the end of this shift.

The QAI also was involved in a general QA meeting and there were discussions of the status of welding and inspection. The QAI relayed that the observed and previously reported information that the contractor's Quality Control personnel are documenting at each weld location and compared to status of welds as recorded by the QA, and what has been submitted formally by the contractor. The QAI incorporated this information for presentation to the Structural Materials Representatives Pat Lowry and Behrouz Bozorgnia.

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Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI also relayed the general status of work observed to the Lead QAI Bill Levell. Except as described above, there were no other notable conversations or observations.

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 Mohammad Fatemi, (916)813-3677, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
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Reviewed By:	Levell,Bill	QA Reviewer
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