

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-023160**Date Inspected:** 26-Apr-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**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:** S.A.S. components**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 reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI completed the review of re-flashed welding report submittals 1536R49 & R50. The QAI noted that there are general comments regarding the overall status of welding reports that date back to the start of job site construction. Reference the TL-20 reports for additional information. The QAI continued reviewing re-flashed submittal #58. The QAI noted that the additional reports have been submitted to address category A comments from the original submittals. The submittal reviews were in progress at the end of the shift.

The QAI was requested to sample A325 fastener assemblies that have been delivered to the contractor's job site storage area. The QAI met with Caltrans Transportation Engineer Bob Brignano and was provided with the fastener assembly's Certificate of Compliance (COC). The QAI pulled random samples to satisfy the contract requirements for check samples. The QAI assigned lot number B212-008-11 and generated a TL-102 form with the pertinent information. See the attached photos. The QAI noted that additional fasteners will be arriving and will be sampled later this week. The QAI relayed that these check samples will be sent to Translab when additional samples are taken.

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Summary of Conversations:

The QAI relayed the status of document reviews and check sampling to the QAI Lead Bill Levell. 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 Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By: Croff, Scott

Quality Assurance Inspector

Reviewed By: Levell, Bill

QA Reviewer