

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-024426**Date Inspected:** 15-Jun-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 reviewing the informal weekly welding report packages #61, #62 and #63, for conformance with the contract requirements. The QAI was given informal weekly welding report package #64 for review. The QAI continued referencing the weld tracking lists to determine the reports' compliance. This work was in progress at the end of the shift.

The QAI checked on the status of service platforms that are at Pier 7. The QAI noted that 2 service platforms are pending repairs from damage that occurred during transportation. The QAI spoke with ABF personnel at Pier 7 and was informed that there is no welding scheduled for today. The QAI also noted that the parts have not been assembled / fit-up at this time. The QAI noted that additional post arrival inspections are needed for voyage 8 components but have not been scheduled at this time.

The QAI was requested to sample fastener components 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 components and the rocap documents. The QAI pulled random samples to satisfy the contract requirements for verification. The QAI assigned lot number B212-020-11 and generated a TL-102 form with the pertinent information. The QAI noted that these fastener assemblies will be delivered to the Translab at a later time. See the attached photos.

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Summary of Conversations:

The QAI relayed the status of document reviews and fastener component 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