

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:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026698**Date Inspected:** 11-Nov-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 documents at pier 7. The QAI used approved weekly welding report submittals and cross referenced the welding and inspection status as reported with QA records to identify the overall weld status. The QAI continued reviewing welding report packages 87 for conformance with the contractor requirements. The QAI was provided with the informal weekly welding report package #88 and began a cursory review of the inspection reports. The QAI continued reviewing documents and compiling the weld status from submittal documentation. This work was in progress at the end of the shift.

The QAI was requested to sample fastener components that have been delivered to the Pier 7 job site. The QAI met with Caltrans Transportation Engineer Bob Brignano and was provided access to the fastener components. The QAI was also provided with copies of the pertinent manufacturing certification documents. The QAI pulled random samples to satisfy the contract requirements for verification. The QAI assigned lot numbers B212-043-11 and generated a TL-102 form with the pertinent information. The QAI noted that these samples will be delivered to Translab at a later time. See the attached photo.

The QAI observed the contractor's personnel performing work related to Contract Change Order (CCO) 178. The QAI noted that the work being performed today did not involve welding but only installation of additional traveler rail bolting. The QAI made observations of the completed Skyway belvedere modifications at Pier 6E. The QAI made observations of the completed welds on the west side cover plate and noted that the welds have markings

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and appear to be visually accepted by the Quality Control Inspector (QCI) Bernard Docena. The QAI noted that no welding is in progress on the remaining Skyway bike path belvederes. The QAI later spoke with the welder, Kevin Kananen and confirmed that all work was completed and accepted by the QCI on 11.10.2011. The QAI relayed this information to the QAI Lead Bill Levell. See the attached photo.



Summary of Conversations:

The QAI relayed the status of the document reviews, fastener assembly sample status and CCO welding 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
