

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-020859**Date Inspected:** 17-Feb-2011**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:** 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 continued reviewing and consolidating the information from welding report packages #50 & #51 to identify missing reports of inspections and general compliance to the contract requirements. The QAI continued generating a weld specific tracking list from the contractor's welding reports. The QAI generated a report tracking list to accompany the welding reports for lifting lug hole deck patches. The QAI completed transferring the reported information to the tracking list. During this process, the QAI identified additional missing reports / information that will be relayed to the contractor.

The QAI completed the courtesy review of welding report package #50. The list below are items that do not appear to conform to the contract requirements and will be forwarded to the contractor by the QAI Lead Bill Levell.

Weld Report #50

1E & 2E Pipe supports - pipe supports were not welded in conformance with RFI 1871 (dated 1.17.11)

pp 15 W3 #1, #2 & #3 - UT reports missing information (dated 1.20.11)

pp 15 W3 #4 - MT report missing information / signature (dated 1.20.11)

8E/9E A5 - 1.18.11 R3 (approved) repair in progress (excavation MT of Y=4600-4840) is not in the location of reported UT reject, Y=4564 (+35mm long)

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The QAI noted that no post arrival inspections of voyage 7 components has been scheduled at this time.

Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI relayed the status of document reviews to the QAI Lead Bill Levell and the QAI Craig Hager. The QAI also conferred with Mr. Hager regarding reports that were being reviewed. 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
