

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:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029113**Date Inspected:** 06-Feb-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** S.A.S. 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. Structure	

Summary of Items Observed:

The Caltrans 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 accompanied the Associate Steel Inspector (ASI) Jason Gramlick and the QAI James Doe, and began conducting a follow up survey on the skyway bikepath panels. The inspectors used the traveler platform to access the previously installed drain holes and examined the interior of the panels with a video probe. The inspectors noted that some of the panels have varying amounts of water at this time. Photos of the accessible interior compartments were taken and will be analysed for corrosion conditions. The survey was not completed during this shift.

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 the contractor's submitted Electro-Slag Welding (ESW) reports and referencing the Requests for Weld Repair (RWRs) in order to determine the status of completion of the repairs and welds' overall reported condition. The QAI continued reviewing welding report packages 142, 143 and submittal 1536R144, for contract conformance. The QAI noted that during the document reviews, previously submitted welding inspection and testing reports are being identified as needing corrections / revisions. These reports are being copied / noted and will be provided to the contractor for additional information. This work was in progress at the end of the shift.

Summary of Conversations:

The QAI relayed the status of the document / submittal reviews and survey findings to the QAI Lead Danny Reyes. Except as described above, there were no other notable conversations.

WELDING INSPECTION REPORT

(*Continued Page 2 of 2*)

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 Gary Thomas, (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Croff,Scott	Quality Assurance Inspector
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Reviewed By:	Reyes,Danny	QA Reviewer
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