

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-029108
Date Inspected: 30-Jan-2013

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: American Bridge/Fluor Enterprises, a JV

OSM Arrival Time: 700
OSM Departure Time: 1730
Location: S.A.S. Job site

CWI Name:	William Norris	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 was requested to sample fastener components that have been delivered to the pier 7 staging area. The QAI met with the Caltrans Transportation Engineer Bob Brignano selected a representative sample of the fastener components. The QAI reviewed the supporting documentation for the fastener components and selected a sample of 5/8" bolts and washers that will be used for bikepath hand rail installation. The QAI completed a TL-102 sampling form with lot number B212-008-13. The QAI transported these samples to Translab for testing. Reference the TL-102 sample form for additional information.

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, 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 to the QAI Lead Danny Reyes. The QAI also met with the Quality Control Inspector (QCI) William Norris and discussed the additional reports that have been

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identified as needing corrections. The QAI was informed that the reports will be revised and re-submitted. 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 Gary Thomas, (916) 764-6027, who represents the Office of Structural Materials for your project.

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