

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-029074
Date Inspected: 29-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 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 completed reviewing submittal 1536R142 and R143. The QAI noted that there are reports of inspections of ESW connections that have not been submitted at this time. The QAI understands and requests that these reports will be submitted at a later time. The QAI also noted that there are OBG field welds that are described as Complete Joint Penetration (CJP) welds and have not been inspected according to the contract requirements. The QAI was informed that a request for information will be submitted, as the "BR1" welds do not have adequate dimensional requirements for Ultrasonic Testing. Reference the TL-20s for additional information. The QAI began reviewing the welding report package 142 & 143, for contract conformance. 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 above mentioned "BR1" welds and the reports of inspection of the welds. The QAI also relayed to the QAI, copies of additional weld inspection reports that were identified to have discrepancies. The QAI was informed that the reports will be revised and re-submitted. 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
----------------------	-------------	-----------------------------

Reviewed By:	Reyes,Danny	QA Reviewer
---------------------	-------------	-------------