

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-026511
Date Inspected: 13-Oct-2011

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

OSM Arrival Time: 730
OSM Departure Time: 1600
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 transported the Geomet A490 samples with lot #B212-033-11 to Translab. The QAI was informed that all tests should be performed on these samples in spite of their non-conforming bolt head surfaces. The QAI was informed that if the remainder of tests are acceptable, these bolt assemblies will more than likely be field released as suitable for purpose. The QAI relayed this information to the lab personnel.

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 B212-037-11 and generated a TL-102 form with the pertinent information. The QAI was informed that these fastener components are supplied for Contract Change Order 178. The QAI noted that these samples will be delivered to Translab at a later time.

Summary of Conversations:

The QAI relayed the status of the document reviews and fastener assembly sample status to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations.

WELDING INSPECTION REPORT

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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
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Reviewed By:	Levell, Bill	QA Reviewer
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