

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-030105
Date Inspected: 04-Oct-2013

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: 1800
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 of the SFOBB project.

The QAI reviewed contract documents and assisted the Structural Materials Representatives (SMRs) with pending contract documents at pier 7. The QAI used the welding report submittals and welding report packages to cross reference the welding and inspection status as reported by ABF, along with QA records to identify the overall status of work reported as complete and in progress. The QAI also continued reviewing the contractor's welding report packages for conformance with the contract requirements. This work was in progress at the end of the shift.

The QAI was informed by the Quality Control Inspector (QCI) Salvador Merino, that E2 retrofit saddle S3B is at the pier 7 warehouse. The QAI noted that the (4) temporary mounting brackets have been fillet welded and will be inspected. The QAI witnessed the QCI conducting Magnetic Particle Testing (MT) on the completed fillet welds. The QAI was informed that the welds were acceptable. The QAI conducted a visual examination of the welds and noted that they appeared to be conforming to the contract requirements. The QAI was informed that Richard Garcia had made the welds earlier today but this work was not witnessed or verified by the QAI, as there had been no notification that this work was being performed. See the attached photo.

The QAI also conducted off site inspections of contract related work. This work is documented on separate reports accordingly.

WELDING INSPECTION REPORT

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Summary of Conversations:

The QAI relayed the status of the report reviews and work in progress to the Structural Materials Representative Aaron Prchlik. 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:	Riley, Ken	QA Reviewer
