

**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-028582**Date Inspected:** 09-Oct-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** S.A.S. Job site

<b>CWI Name:</b>	N / A	<b>CWI Present:</b>	Yes	No
<b>Inspected CWI report:</b>	Yes No N/A	<b>Rod Oven in Use:</b>	Yes No N/A	
<b>Electrode to specification:</b>	Yes No N/A	<b>Weld Procedures Followed:</b>	Yes No N/A	
<b>Qualified Welders:</b>	Yes No N/A	<b>Verified Joint Fit-up:</b>	Yes No N/A	
<b>Approved Drawings:</b>	Yes No N/A	<b>Approved WPS:</b>	Yes No N/A	
		<b>Delayed / Cancelled:</b>	Yes No N/A	
<b>Bridge No:</b>	34-0006	<b>Component:</b>	S.A.S. Structure	

**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 noted that there is no welding being performed on the items related to Contract Change Order (CCO) 179.

The QAI met with the Assistant Structural Materials Representative (ASMR) Parinaz Aghili and reviewed punchlist item #3654. The QAI then went to the locations specified in the punchlist item to verify what work has been performed by the contractor. The QAI noted that the locations identified for grinding smooth appeared to be smooth with the exception of West bound #1, it could not be identified; West bound #3, is coped into stiffener plate; West bound #4, appears to be a welded repair of the bolt hole (the work does not appear to have been performed at the job site). The QAI also noted that several items were not accessible due to the placement of temporary ducts for ventilation. While the QAI was making the punchlist observations, there were gouges observed in the base / weld metals of the Parallel Wire Strands (PWS) anchorages on the East and West bound sections. The gouges have a circular pattern and cut sharply into the steel. See the attached photos. The QAI noted that additional observations will be needed to finish verifying the punchlist item.

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 log of approved welding repairs to reference with the reported status of the welds. This work was in progress until the end of the shift.

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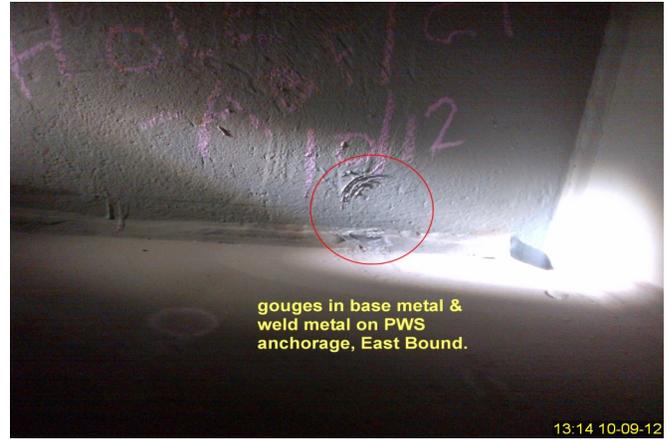
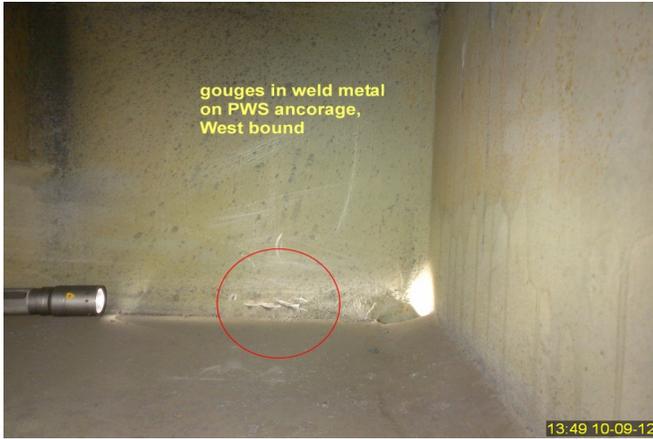
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# WELDING INSPECTION REPORT

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## Summary of Conversations:

The QAI relayed the status of the punchlist and document reviews to the QAI Lead Danny Reyes. 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.

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<b>Inspected By:</b>	Croff, Scott	Quality Assurance Inspector
<b>Reviewed By:</b>	Reyes, Danny	QA Reviewer

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