

**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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-018133**Date Inspected:** 09-Nov-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site

<b>CWI Name:</b>	William Norris		
<b>Inspected CWI report:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A

<b>CWI Present:</b>	Yes	No	
<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved WPS:</b>	Yes	No	N/A
<b>Delayed / Cancelled:</b>	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 related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI completed the formal review of the contractor's submittal #1536 Rev.30. See the appropriate TL-20 report for additional information. The QAI continued reviewing submittal rev. 31 & 32, the 4 informal weld report packages and consolidating the information from welding report submittals to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the contractor's welding reports.

The QAI accompanied Caltrans personnel Jason Wilcox, Philip He, ABF representative Chuck Kanapicki and Quality Control (QC) Inspector William Norris in conducting the post arrival inspection of voyage 5 OBG components. During the inspection of crossbeams 11 and 12, the QAI noted that painted surfaces have been marred from general shipping and handling. The QAI also noted a significant amount of rust is visible on the OBG splice plates and faying surfaces. There was no other shipping related damage observed during this inspection. The QAI noted that the only parts examined during this post arrival inspection are crossbeams 11 and 12. The QAI noted that at this time, OBG 9W is not ready for post arrival inspection and the contractor's personnel are working to remove the temporary shipping braces. The QAI was informed that additional post arrival inspections will be scheduled when ready. See the attached photos.

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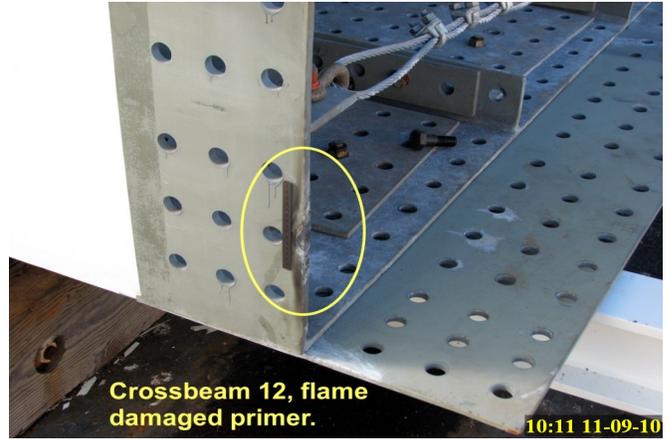
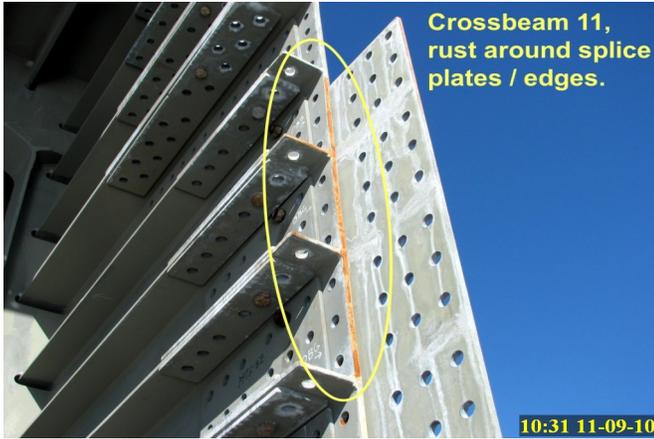
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# WELDING INSPECTION REPORT

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## Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, there were general conversations about the appearances of the components examined for the post arrival inspection. The QAI relayed the observations of post arrival inspection and the status of document reviews to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations or observations.

## 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 Mohammad Fatemi, (916) 813-3677, who represents the Office of Structural Materials for your project.

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**Inspected By:** Croff, Scott

Quality Assurance Inspector

**Reviewed By:** Levell, Bill

QA Reviewer

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