

**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-018710**Date Inspected:** 20-Dec-2010**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:** Job Site**CWI Name:** Chuck Kanapicki**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 related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI continued 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 representative Jason Wilcox and ABF representative Chuck Kanapicki in conducting the post arrival inspection of voyage 6 OBG crossbeams #13 and #14. During the inspection of the OBG crossbeams, the QAI noted that painted surfaces have been marred from general shipping and handling. The QAI noted that minor rusting is visible through the primer coating on the edges of the crossbeams at the field splice connections. The QAI noted there does not appear to be other shipping related damage. The QAI noted there are other components that have not been examined for post arrival at this time. The QAI was informed that additional post arrival inspections of components that are part of voyage 6 will be scheduled when ready. See the attached photos.

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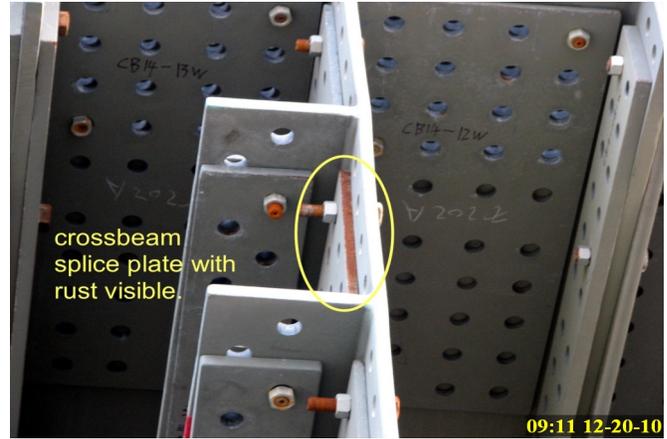
# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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crossbeam 14, general appearance



## 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 OBG components examined for the post arrival inspection and scheduling of remaining post arrival inspections. The QAI relayed the observations of post arrival inspection and the status of document reviews to the QAI Lead Bill Levell. The QAI was informed that check samples of Geomet coated fastener assemblies from shipments #4 and #5 were found to be satisfactory for use. The QAI noted that this information was relayed to the appropriate personnel at the job site. 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 Nina Choy (510)385-5910, who represents the Office of Structural Materials for your project.

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**Inspected By:** Croff, Scott

Quality Assurance Inspector

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**Reviewed By:** Levell, Bill

QA Reviewer