

**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-028412**Date Inspected:** 19-Sep-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1930**Contractor:** American Bridge/Fluor Enterprises, a JV**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 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 was requested to sample fastener components that have been delivered to the pier 7 for bolt shipment 162.

The QAI selected a representative sample of the fasteners components. The QAI reviewed the supporting documentation for the fastener components and noted that the quantity listed as being supplied is more than documented as being produced for bolt lot #s 17459Z, 17464Z, 17077Z and 17079Z. The QAI relayed this information to the Caltrans Engineer Bob Brignano and was informed that the Contractor will investigate the actual quantity of bolts to determine if additional testing is necessary and if there will be adequate supply. The QAI completed a TL-102 sampling form with lot number B212-091-12, based on the documented quantities from fabrication. The QAI noted that these fasteners will be field released upon acceptable verification testing. See the attached photos.

The QAI continued reviewing welding report packages 124, 125 and 126 for comments prior to submittal. The review of welding report package 127 has not begun at this time. This work was in progress until the end of the shift.

\* The QAI also worked on the 04-0120S4 project during the time listed on this report, the hours worked will be respectively charged and the work reported to the contract.

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# WELDING INSPECTION REPORT

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## Summary of Conversations:

The QAI relayed the status of the document reviews, incident reports and bolt sampling to the QAI 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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**Inspected By:** Croff, Scott

Quality Assurance Inspector

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**Reviewed By:** Levell, Bill

QA Reviewer