

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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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-017340**Date Inspected:** 05-Oct-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**CWI Name:** William Norris**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) welding repair requests and ABF non-conformance reports. The QAI continued reviewing the informal copies of welding reports submittals that included welding reports for the weeks ending 8-29-2010 and 9-5-2010. The QAI continued consolidating the information from previous 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 completed reviewing the informal submittal packages mentioned above and noted that the included reports appear to comply with the contract requirements. The QAI met with the Quality Control (QC) Inspector William Norris and relayed these observations of the informal submittal reviews. The QAI was informed that these reports will be formally submitted at a later time. The QAI inquired with the QC Inspector, asking if he knew when these report packages, or any of the 6 previously reviewed report packages will be formally submitted to the Engineer. The QAI was informed that ABF's QC Manager Jim Bowers is responsible for the final submittal and also for generating a weld repair / reject log, as required by the contract specifications. The QAI noted that these weld repair / reject logs have not been included in the informal reviews and do not reflect the status of the welding / inspection reports that were reviewed. The QC Inspector also commented that the database of document control had been offline for several days and this may affect the time needed for the reports to be submitted. The QAI noted that at this time, there are 8 weeks of contractor's welding reports that have been informally reviewed,

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with the last reports dated 9-5-2010.

Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, the QAI had a conversation with the QC Inspector William Norris regarding the informal review of welding report submittals. The QAI relayed the status of submittal 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 |
