

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016299**Date Inspected:** 17-Aug-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:** 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. components**Summary of Items Observed:**

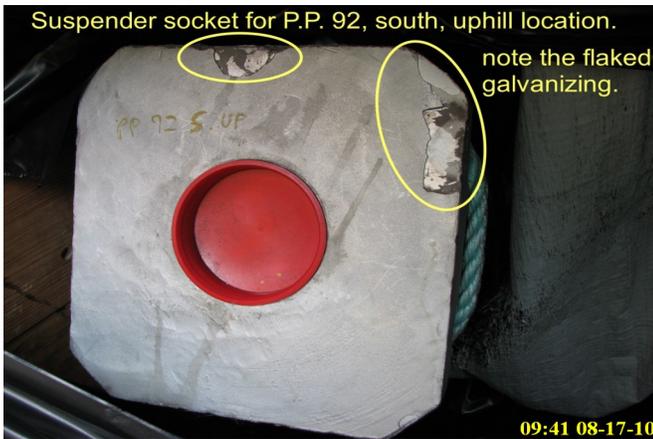
The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) revisions and weekly welding reports. The QAI conducted peer review of other QAI reports. The QAI continued consolidating the information from welding report submittals and generating a weld specific tracking list.

The QAI assisted the Structural Materials Representative Kittric Guest in conducting an inspection of suspender sockets that are visible / accessible in ABF's storage area. The QAI was informed of and made observations of a suspender socket that appears to have zinc galvanizing flaked off. The QAI used a coating thickness gauge and measured the nominal zinc coating of the suspender sockets and compared the areas that appear to have flaked off. The QAI relayed the observations / measurements of the flaked areas to the SMR. The QAI also observed that the ZPMC voyage #4 is docked at pier 7. The QAI noted that shipping fasteners and parts are being removed from the ship and parts are being unloaded. See the attached photos.

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Summary of Conversations:

As noted above, the QAI had conversations regarding the suspender sockets and galvanizing with the SMR Kittric Guest. The QAI relayed the observations 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.

Inspected By: Croff, Scott

Quality Assurance Inspector

Reviewed By: Levell, Bill

QA Reviewer
