

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-014666**Date Inspected:** 04-Jun-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 630**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1500**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site

CWI Name: Mike Johnson
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** Orthotropic Box Girders**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 observed ABF activities at the Pier 7 location. The QAI did not observe any Quality Control (QC) Inspectors present. The QAI noted that ABF personnel are welding on barges and other job related equipment. The QAI also noted that the contractor is assembling parts of the temporary trestle and Favco crane at Pier 7. The QAI did not observe any personnel welding on bridge components (OBG 6W). The QAI noted that this work was in progress until the end of the shift.

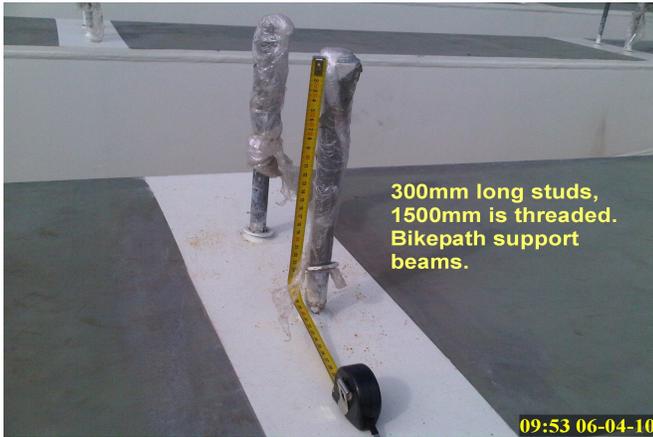
The QAI accompanied the Quality Control (QC) Inspector Mike Johnson and conducted a survey of the as received bike path support beams. The QAI was directed to measure the bike path panel mounting studs' fillet weld sizes, as they have been reported to be less than originally specified in the contract documents. The QAI and the QC Inspector conducted the survey on a total of 10 beams, 4 fillet welded studs on each beam (not previously checked by ABF). The QAI also reviewed the first 10 beams that were examined only by ABF's QC department. The QAI noted that 7 of the 10 beams' fillet weld sizes appeared to correspond with the information supplied by ABF, with the 3 remaining beams appearing to have less than reported fillet weld sizes. The QAI relayed these observations to the Lead QAI Bill Levell. The QAI was asked to generate a report document with the fillet weld sizes and locations. This work was in progress at the end of the shift.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP and newly issued ABFJV non-conformance reports. The QAI

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updated the records of the non-conforming incident reports, requested weld repairs and also the contractor's submitted requests for information.



Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. 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
