

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

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-027324**Date Inspected:** 14-Mar-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1200**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** jobsite**CWI Name:** Salvador Merino**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:** SAS project**Summary of Items Observed:**

This Quality Assurance (QA) Inspector, Craig Hager was on site at the job site between the times noted above.

This QA Inspector was on site to randomly observe Quality Control (QC) personnel perform Non-Destructive Testing (NDT) and /or monitor American Bridge/Fluor (ABF) welding operations. This Quality Assurance (QA) Inspector, Craig Hager observed the following.

Orthotropic Box Girder (OBG) sections:

12W/13W-Longitudinal Stiffener (LS) Bottom Stiffener Flange (BSF): This QA Inspector observed ABF personnel were not present at this location this date.

13E/14E- Longitudinal Stiffener (LS): This QA Inspector observed ABF welding personnel Richard Garcia (#5892) was not present this date and that welding was not being performed.

12E/13E- Longitudinal Stiffener (LS) Bottom Stiffener Flange (BSF): This QA Inspector observed welding personnel Rory Hogan (#3186) and Jeremy Dolman (#5042) were not present this date.

This QA Inspector spoke with QC Inspectors Salvador Merino and Bonifacio Daquinag Jr. regarding the inclement weather conditions, rain and high winds. Later this shift, ABF welding Supervisor Danny Ieraci (#3232) informed this QA Inspector the above mentioned welding personnel were not onsite and/or had been sent home due to the inclement weather conditions this shift and that welding had been delayed.

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F.W. Spencer: This QA Inspector observed that F.W. Spencer personnel had not arrived on site this date.

This QA Inspector observed the calibration for Ultrasonic Testing (UT) instrument was due for recalibration in several days. This QA Inspector calibrated the UT instrument, documented the calibration and emailed the applicable forms to the applicable personnel.

This QA Inspector reviewed various QA Records/Logs for tracking welds and observed updating was required. This QA Inspector updated the various QA Records/Logs.

Summary of Conversations:

This QA Inspector had general conversations with American Bridge/Fluor (ABF) personnel, QC personnel and Caltrans personnel during the shift. Except as described above there were no 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 Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Hager,Craig	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
