

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-026957**Date Inspected:** 27-Dec-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1730**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job site**CWI Name:** Salvador Marino**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:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector R. Hernandez was present during the time noted above and conducted observations relative to the work being performed.

The QA Inspector randomly observed the following work in progress:

Quality Assurance Inspector (QA) Rene Hernandez was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

At approximately 7:45am this QA arrived at the 13E to 14E - F1 location to perform QA Ultrasonic Testing (UT) of crossbeam side OBG splice seam weld previously tested and accepted by Quality Control (QC) personnel at on the previous shift (12/22/11).

At approximately 10:45am this QA arrived at the 13W to 14W – A5 location to perform QA Ultrasonic Testing (UT) of crossbeam top OBG splice seam weld previously tested and accepted by Quality Control (QC) personnel at on the previous shift (12/22/11).

At approximately 12:00pm this QA arrived at the 13W to 14W – A5 location to perform QA Magnetic Particle Testing (MT) of crossbeam top OBG splice seam weld previously tested and accepted by Quality Control (QC) personnel at on the previous shift (12/22/11).

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Conducted review and turnover of work being conducted on change order CCO193. Conducted review of drawings and details for modification of the existing bikepath expansion joints of the Skyway portion of the project. Conducted review of installation of side plate to east side of expansion joint at expansion joint "C". No welding being performed on this portion of the project at this time.

This QA verbally informed QA SPCM Lead, Daniel Reyes, of the issues noted in this report for compliance. For further details of issues of significance see QA SPCM Lead, Daniel Reyes, "Daily Inspection Report" (TL-6031) submitted for this date.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

Pertinent conversations are included in the body of the report.

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, (858) 531-0335, who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Rene	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
