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 #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 1.28

WELDING INSPECTION REPORT

Resident Engineer: Casey, William
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-026741
Date Inspected: 18-Nov-2011

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: American Bridge/Fluor Enterprises, a JV

OSM Arrival Time: 700
OSM Departure Time: 1530
Location: Job Site

CWI Name:	As noted below.		**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 Component

Summary of Items Observed:

Quality Assurance Inspector (QA) William Clifford 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:

Ultrasonic Testing

This QA performed Ultrasonic Testing (UT) on approximately 50% of the ventilation hole weld at 14E-PP125. 2-W3.7. These welds were previously accepted by QC Ultrasonic technicians in accordance with AWS D1.5-2002, section 6, table 6.3.

This QA observed no rejectable indications at the time of testing. This QA generated a TL-6027 UT report on this date. The completed work observed at this location appeared to be in compliance with the contract specifications.

This weld is a Seismic Performance Critical Member (SPCM) member.

This QA performed Ultrasonic Testing (UT) on approximately 50% of the ventilation hole weld at 14E-PP125. 7-W3.7. These welds were previously accepted by QC Ultrasonic technicians in accordance with AWS D1.5-2002, section 6, table 6.3.

This QA observed no rejectable indications at the time of testing. This QA generated a TL-6027 UT report on this date. The completed work observed at this location appeared to be in compliance with the contract specifications.

This weld is a Seismic Performance Critical Member (SPCM) member.

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

This QA performed Ultrasonic Testing (UT) on approximately 50% of the ventilation hole weld at 14E-PP125. 2-W3.2. These welds were previously accepted by QC Ultrasonic technicians in accordance with AWS D1.5-2002, section 6, table 6.3.

This QA observed no rejectable indications at the time of testing. This QA generated a TL-6027 UT report on this date. The completed work observed at this location appeared to be in compliance with the contract specifications.

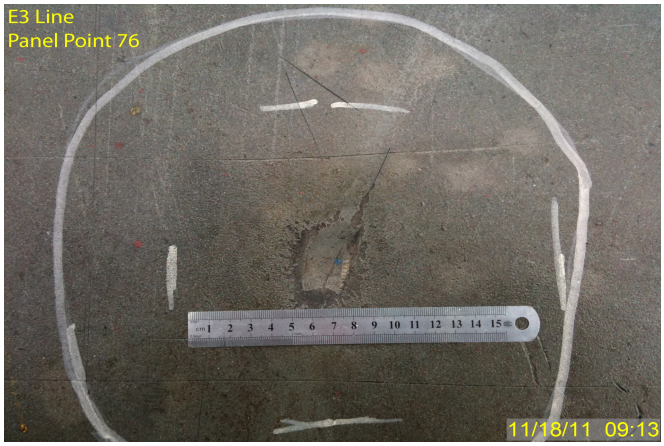
This weld is a Seismic Performance Critical Member (SPCM) member.

This QA issued an Incident Report (TL-15) for what appeared to be impact damage to the "A" deck. The damage appeared to be a sharp indention measuring approximately 10mm in depth with an area measuring approximately 25x25mm. The indention appeared to slope out from this central point to an overall diameter measuring approximately 300mm.

This indention is located near the E3 line at panel point seventy six (76).

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:

No relevant 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 SMR Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By: Clifford,William Quality Assurance Inspector

WELDING INSPECTION REPORT

(Continued Page 3 of 3)

Reviewed By: Levell,Bill QA Reviewer