

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016163**Date Inspected:** 11-Aug-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:** See 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:** SAS OBG**Summary of Items Observed:**

The Quality Assurance (QA) Inspector, Rick Bettencourt was on site at the job site between the times noted above. The QA Inspector performed verifications of the status of the QA NDT and inspection reports, the following observations were made:

The QA Inspector performed a review of the completed QA Inspection reports to determine if all of the required QA Non Destructive Testing (NDT) verification had been completed on the first three splices of the East bound span. The QA Inspector was informed by the QA Task Lead Inspector Bill Levell, ABF is attempting to have all inspections/NDT with completed inspection reports finished by the end of the week of 8/13/10. The QA Inspector reviewed all QA Inspection/NDT verification reports for skin plate welding including the following weld joints;

1E/2E 2E/3E 3E/4E

A1-A5 A1-A5 A1-A5

B1 B1 B1

C1/C2 C1/C2 C1/C2

D1/D2 D1/D2 D1/D2

E1/E2 E1/E2 E1/E2

F1 F1 F1

After the document review performed by the QA Inspector it was determined the Caltrans METS QA department had completed all of the required QA verification for the above identified skin plate transverse weld joints including the "D" stiffeners. The QA Inspector informed the QA Task Lead Inspector Bill Levell of the METS QA

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Inspection status.

In addition the QA Inspector spent the remainder of the shift updating the QA weld tracking and production status chart on the job site.

Summary of Conversations:

As noted above:

The QA Inspector called the Smith Emery Lead QC Inspector Leonard Cross to get an update to determine if any of the NDT had been completed by the Smith Emery QC Inspectors. The QA Inspector noted Mr. Cross did not answer the phone call, in addition Mr. Cross did not return the QA Inspectors phone call, so the QA Inspector was unable to determine if any weld joint was ready for QA NDT verifications.

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:	Bettencourt,Rick	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
