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: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-015704
Date Inspected: 14-Jul-2010

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

OSM Arrival Time: 730
OSM Departure Time: 1600
Location: Job Site

CWI Name: Jim Bowers, Mike Johnson

	Yes	No	N/A
Inspected CWI report:	☑	☐	☐
Electrode to specification:	☐	☐	☑
Qualified Welders:	☐	☐	☑
Approved Drawings:	☑	☐	☐

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

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.

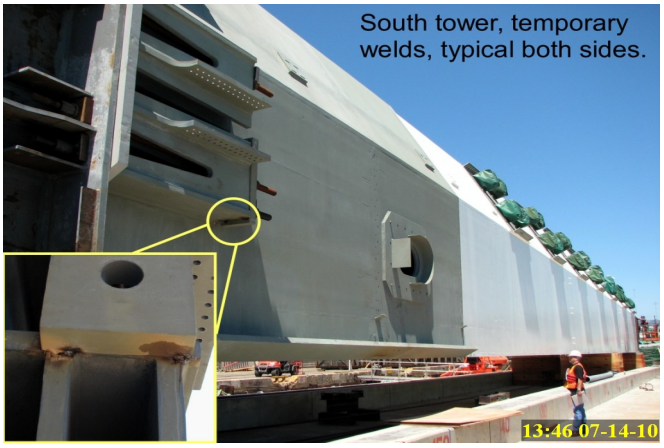
The QAI observed ABF activities at the Pier 7 location. The QAI noted that ABF personnel are welding on barges and other job related equipment. The QAI also noted that the contractor is assembling parts and loading the 1st tower shipment onto barges at Pier 7.

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 continued reviewing the contractor's welding reports and consolidating the information to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the submitted reports.

The QAI accompanied Caltrans Engineers Mark Woods, Doug Wright, the QAI Lead Bill Levell, the QAI Robert Mertz, ABF Quality Control (QC) Manager Chuck Kanapicki and the QC Inspector Mike Johnson during the post-arrival inspection of the 1st tower shipment. The items presented by ABF for examination included the 1st lift of the South tower shaft. The part was located on a barge stationed at Pier 7. The QAI noted that minor paint damage was visible at the sea fastener support locations and there appeared to be base metal damage at the C & D corner at the 43m elevation side on the tower shaft. The QAI did not observe any other apparent shipping damage. See the attached photos. The QAI supplied this information to the QAI Lead Bill Levell.

WELDING INSPECTION REPORT

(Continued Page 2 of 2)



Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. The QAI relayed the status of the submittal status and tracking status to the QAI Lead Bill Levell. The QAI discussed the apparent base metal damage that was observed on the South tower shaft. The QAI Robert Mertz informed the QAI that he has additional photos of this location. 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