

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:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011833**Date Inspected:** 06-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 800**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Bernard Docena**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:** Orthotropic Box Girder (OBG) Lift 2 and 3 E**Summary of Items Observed:**

Quality Assurance inspector Michael Foerder was at the American Bridge/Flour (ABF) job site lay down yard at Pier 7 in Oakland, 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:

1. Orthotropic Box Girder (OBG) Lift 2E and 3E erection preparation
2. Off loading temporary steel from Zhenhua Port Machinery Company (ZPMC), China
3. General observation of OBG Lifts 2W and 3W

Item 1

The QA inspector noted ABF personnel are in the process of placing the components for scaffolding, welding, lighting, walkways, temporary bolts and other miscellaneous items in preparation of mobilizing lift 2 and lift 3 East to the erection site. In addition to this, the contractor has partially placed a compressed air line along the internal walkways of these OBG sections. This work progressed periodically throughout the shift.

Item 2

The QA inspector noted and periodically observed ABF personnel off loading the temporary steel from the vessel originating from Zhenhua Port Machinery Company (ZPMC), China. This work progressed throughout the shift with various craft and ship personnel.

Item 3

The QA inspector was informed on the previous day ABF may elect to prepare/perform welding repairs while

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

OBG sections 2W and 3W are on the barge. The QA inspector periodically reviewed this location throughout the shift and noted no work was being performed by any ABF personnel.



Summary of Conversations:

The QA inspector spoke with ABF personnel Katherine Quillin and QCM Jim Bowers in which Ms. Quillin relayed no work would be performed at the site the following day on Sunday. The QA inspector spoke with Mr. Bowers via phone in which the QCM relayed no work requiring quality control functions would be performed on Sunday but unloading of the vessel and erection preparation may still take place. Late in the shift the QA inspector spoke with Ms. Quillin regarding the contractor's schedule on Sunday in which she relayed the contractor would not be performing any work and the contractor was only working 8 hours on this date. This information was relayed to the lead QA inspector Bill Levell via phone message.

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:	Foerder, Mike	Quality Assurance Inspector
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Reviewed By:	Levell, Bill	QA Reviewer
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