

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-011997**Date Inspected:** 09-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** Jim Bowers**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 3E erection preparation
2. Off loading temporary steel from Zhenhua Port Machinery Company (ZPMC), China
3. Contract Files and Shop Drawings

Item 1

The QA inspector noted ABF personnel are in the process of periodically placing the components for scaffolding, welding, lighting, walkways, temporary bolts and other miscellaneous items in preparation of mobilizing lift 3 East to the erection site. It was noted OBG section designated lift 2E was transported to the erection site in order to lift the section into place.

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 spent a portion of the shift updating the contract files in regards to the contractor field splice

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plan, potential incident report logs and performing shop drawing reviews for this project.



Summary of Conversations:

The QA inspector spoke with Welding Quality Control Manager (WQCM) Jim Bowers regarding the potential schedule of the joint arrival inspection for lift 4E and QA inspector access to the pier cap at the Yerba Buena Island job site. Mr. Bowers relayed the arrival inspection has been postponed until further notice as the contractor will need to complete the removal of the sea transport fastening. In addition Mr. Bowers relayed OBG lift 1E was in place at the pier cap and lift 2E was in transit and informed QA inspectors Bill Levell and Michael Foerder that access to the pier cap was limited to craft personnel at this time. This information was relayed to Caltrans Structure Materials Representative Anthony Mullen verbally.

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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