

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-012248**Date Inspected:** 24-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:** 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 Girders (OBG)**Summary of Items Observed:**

Quality Assurance inspector (QA) 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 1W erection preparation
2. Orthotropic Box Girder (OBG) Lift 2W erection preparation-Idle
3. Orthotropic Box Girder (OBG) Lifts 3W erection preparation-Idle
4. Orthotropic Box Girder (OBG) Lifts 4W erection preparation-Idle
5. Cross Beam 1 (CB1) erection preparation-Idle
6. Project Files and Shop Drawings

Item 1 Lift 1 West

The QA inspector periodically observed ABF personnel placing the splice plates for the closed ribs along the deck plate transverse joint at PP 13. ABF personnel are also in the process of periodically placing the components for scaffolding, welding, lighting, walkways, temporary bolts and other miscellaneous items in preparation of mobilizing lift 1 West to the erection site.

Item 2 Lift 2 West

The QA inspector did not observe any work being performed at this location during the time of review.

Item 3 Lift 3 West

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The QA inspector did not observe any work being performed at this location during the time of review.

Item 4 Lift 4 West

The QA inspector did not observe any work being performed at this location during the time of review.

Cross Beam 1 (CB1)

The QA inspector did not observe any work being performed at this location during the time of review.

Project Files and Shop Drawings

The QA inspector updated the contract files and tracking logs for QA reports, welder qualification records, welding procedure specifications, procedure qualification records, state letters and submittals on this date. In addition, the QA inspector performed shop drawing reviews and posting of comments for assigned submittals on this date.

Summary of Conversations:

No significant conversations held on this date for this contract.

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
Reviewed By:	Levell, Bill	QA Reviewer
