

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024292**Date Inspected:** 30-May-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai**CWI Name:****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:** OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector R. Hernandez was present during the time noted above and conducted observations relative to the work being performed.

The QA Inspector randomly observed the following work in progress:

Trial Assembly Segments 14AE @ CB19E & 14AW @ CB19W

This QA inspector observed the ZPMC personnel performing drilling of FL3 top connection plates, east, and west vertical plates to receive high strength bolting holes at CB19E @ 14AE, also observed match drilling of bolt holes at CB19W @ 14W.

This QA inspector observed ZPMC personnel performing dry film thickness readings, sanding, and painting of drilled holes at CB19W for all faying surface areas connecting FL3 to future bottom plate to be installed.

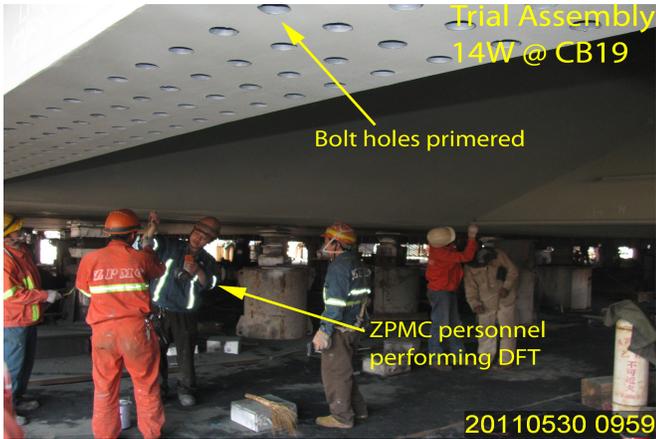
Trial Assembly 13AE~13CE, 14AE~14BE, 13AW~13CW, & 14AW~14BW

This QA inspector observed ZPMC personnel drilling into top deck panels at north and south sides of westbound and eastbound segments to accommodate future barrier railing bolting base plates. 13W through 14W @ PP118 to PP128 at east side, 14W @ PP125 to PP127 at west side, 13E through 14E @ PP121 to PP128 at west side, 13E through 14E @ PP123 to PP128 at east side.

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Unless otherwise noted above all items observed on this day appeared to be in general compliance with the applicable contract documents



Summary of Conversations:

Pertinent conversations are included in the body of the report.

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 Eric Tsang 1500-0042-02372, who represents the Office of Structural Materials for your project.

Inspected By:	Hernandez,Rene	Quality Assurance Inspector
Reviewed By:	Hall,Steven	QA Reviewer
