DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
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Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 99.28

WELDING INSPECTION REPORT

Resident Engineer: Siegenthaler, Peter
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-025144
Date Inspected: 11-Jul-2011

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

OSM Arrival Time: 700
OSM Departure Time: 1900
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 13W

This QA Inspector witnessed the in-process high strength bolt installation on bolts connecting the Rib Stiffeners to Rib Stiffeners at the transverse splice at bottom panels between Longitudinal Diaphragms at Panel Points PP121 to PP121.5, PP122 to PP122.5, & PP123 to PP123.5, for Segment 13W. The QA Inspector verified installation of the high strength bolts on a random basis and the results appeared to be in general compliance.

The bolt sizes used were M27-3.0 x 95 RC Lot # DHGM270037.

Trial Assembly 13E

This QA Inspector witnessed the in-process high strength bolt installation on bolts connecting the Rib Stiffeners to Rib Stiffeners at the transverse splice at bottom panels between Longitudinal Diaphragms and Side Plates at Cross Beam side at Panel Points PP122 to PP122.5, PP123 to PP123.5, & PP124 to PP124.5, for Segment 13E. The QA Inspector verified installation of the high strength bolts on a random basis and the results appeared to be in general compliance.

The bolt sizes used were M27-3.0 x 95 RC Lot # DHGM270037.

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