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-024596
Date Inspected: 19-Jun-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:

Inspected CWI report:	☐ Yes	☐ No	☑ N/A	**CWI Present:**	☐ Yes	☑ No	
Electrode to specification:	☐ Yes	☐ No	☑ N/A	**Rod Oven in Use:**	☐ Yes	☐ No	☑ N/A
Qualified Welders:	☐ Yes	☐ No	☑ N/A	**Weld Procedures Followed:**	☐ Yes	☐ No	☑ N/A
Approved Drawings:	☑ Yes	☐ No	☐ N/A	**Verified Joint Fit-up:**	☐ 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:

Bay Number 1

This QA Inspector conducted performance of Dimensional Inspection for measuring Bike Path Handrails for dimension clearances, plumbness and Flatness along with ABF QA Inspector for the components noted above, at the following locations:

The Bike Path Handrails were measured from Panel Points (PP) at Panel Points (PP) 020, 022, 042, & 0445. The QA Inspector measured the plumbness using carpenter square and performed flatness check using 710mm Straight Edge.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents. Reference NWIT notification no. 09513.

Bay Number 14

This QA inspector performed UT of approximately 100% of the area previously tested and accepted by ZPMC

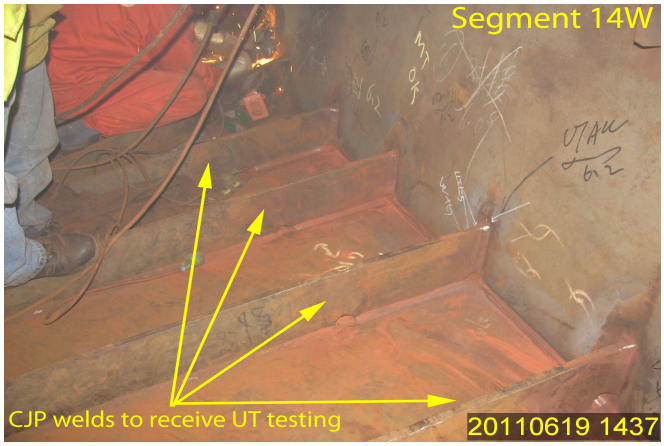
WELDING INSPECTION REPORT

(Continued Page 2 of 2)

Quality Control personnel. This QA Inspector generated an UT report for this date. All components were as listed on NWIT notification no. 09543. The member(s) is/are identified as OBG Segments & Deck Plate components identified below with the following identifying weld no.(s):

1. SEG3020C-063~081, & 108.
2. SEG3020E-063.
3. DP3183-001-014.
4. SEG3020AZ-050, 051, 055, 056, 060, 061, 065, 066, 070, 071, 075, 076, 080~086, 090, 091, 095, 096, 100, 101, 105, 106, 110, 111, 115, 116, 120, 121, 126, 129, 130, 133, 134, 137, 142, 147, 152, 157, 162, 167, 172, 177, 182, 187, 192, 197, 202, 207, 212, 217, 222, 227, 232, 237, 242, & 360~396.
5. SEG3020W-096, 102, & 108~116.
6. SEG3020T-094~102.

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