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 #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.28

WELDING INSPECTION REPORT

Resident Engineer: Pursell, Gary
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-012451
Date Inspected: 07-Mar-2010

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, China

CWI Name: Zhon Cheng

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 Components

Summary of Items Observed:

On this date Caltrans OSM Quality Assurance (QA) Inspector, Hiranch Patel, was present during the times noted above for observations relative to the work being performed.

Bay#15, CB#5
This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member is identified as OBG Components. The weld designations reviewed are as follows:
-(CB202A-005-004, 003, 012, 024, 009, 022, 015, 006)
-(DP202-005-041, 042)
-(DP203-005-041, 042)
-(DP205-005-011, 012)
-(DP204-005-009, 010)
-(SP206-005-050, 051)
-(SP201-005-023, 024, 025, 026)
-(SP203-005-050, 051)
-(SP202-005-022, 023, 028, 029)
-(BP201-005-007, 008, 011, 012)
-(BP203-005-009, 010, 015, 016)
-(BP205-005-003, 004, 005, 006)
-(FB203-005-023, 024)

WELDING INSPECTION REPORT

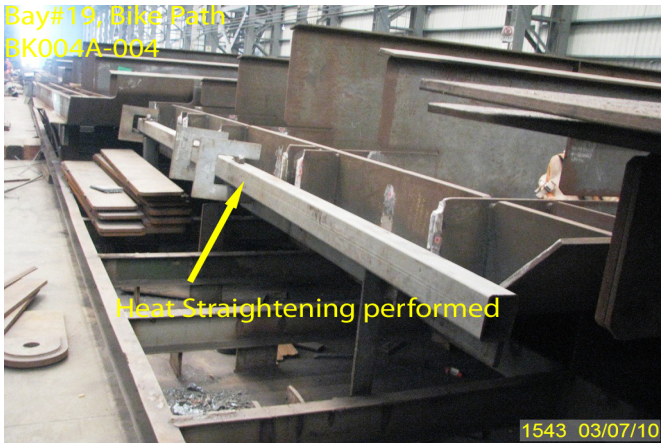
(Continued Page 2 of 2)

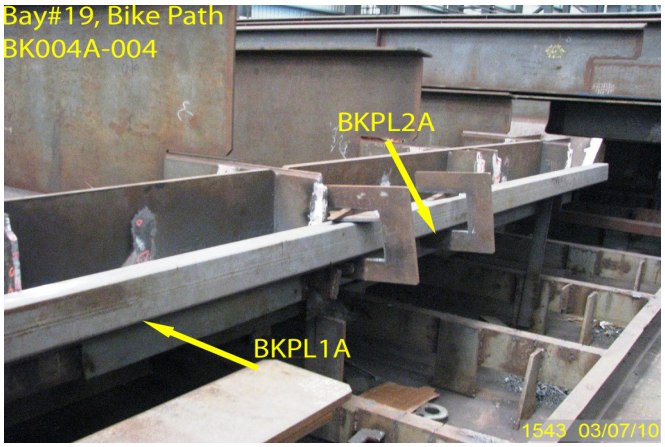
Bay#19

During random in process inspection of Bike Path, BK4A-004, this QA inspector observed that ZPMC personal performed heat straightening on BKPL1A and BKPL2A west side. After removing the outer plates X11 by carbon arc gouging, BKPL1A and BKPL2A distorted up to 2mm. These plates are non SPCM, according to approved drawings.

For further information, please see the attached pictures below.

Unless otherwise noted, all observed on this date appeared to generally comply with applicable contract documents.





Summary of Conversations:

No relevant conversations.

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 150-0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Patel,Hiranch	Quality Assurance Inspector
Reviewed By:	McClendon,Timothy	QA Reviewer