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-012354
Date Inspected: 23-Feb-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: 645
OSM Departure Time: 1845
Location: Shanghai, China

CWI Name:	N/A			**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 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.

CB-4

This QA inspector witnessed MT of 100% performed by ZPMC MT technician of the base metal repair area of punch list item#465. The member is identified as OBG Cross Beam, CB4. The base metal repair locations are as below:
BP205A
BP206A

CB-4

During 100% witness of MT performed by ZPMC MT technician on CB4, this QA inspector observed one linear indication found by ZPMC MT technician. The component is bottom plate BP206A. Linear indication is approximately 5 mm in length. The member is A709 Grade 345 Seismic Performance Critical Member (SPCM). The indication was removed by grinding from the base metal and the base metal repair location is acceptable. For further information, please see attached picture.

Segment 9DE

This QA inspector performed VT of approximately 100% of the area previously tested and accepted by ZPMC Quality Control personnel. The member is identified as OBG Components. The weld designations reviewed are as follows. For further information, please see attached pictures.

WELDING INSPECTION REPORT

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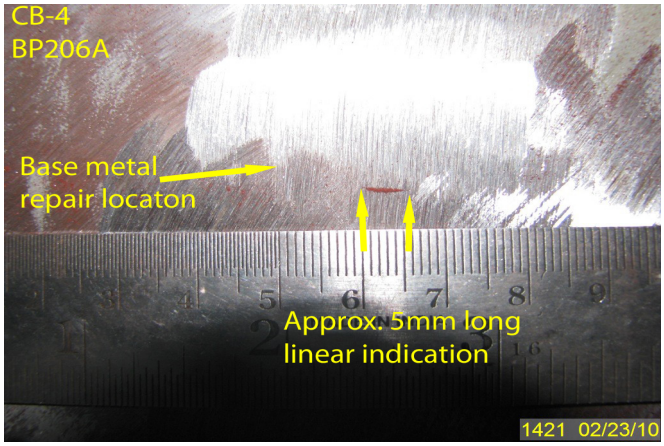
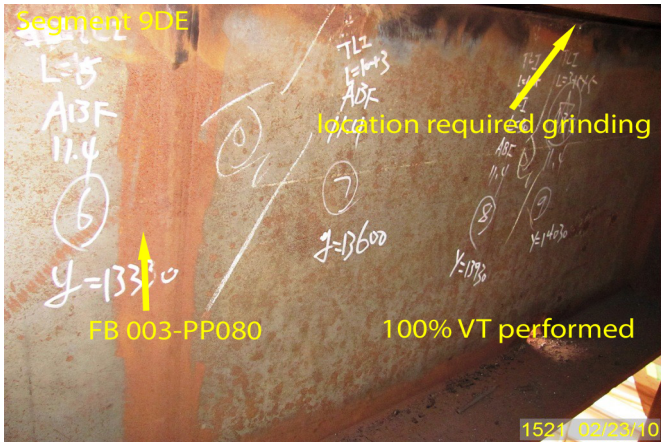
-(FB003A-005)@ PP80
-(FB040B-092)@ PP80
-(FB012A-001)@ PP80

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