

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Vallejo, CA 94592-1133  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026304**Date Inspected:** 08-Sep-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2200**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC) Chanxing Island**Location:** Shanghai, China**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:** Bike Path, Traveler Rail**Summary of Items Observed:**

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

**Bay 19**

This QA Inspector observed the fit up of bottom plate BKPL9016A, BK9018A, to flat bar BKX9009C and BKPL9020A. Monitored tack welding during fit up of bottom plate by certified welder 062734 this inspector found fit up in progress performed according to approved contract documents. QC Guo Xing Hui present during welding.

**Bay 16**

This Caltrans QA inspector received ZPMC non-destructive test (NDT) notification number 09958 from ZPMC for Bay 16. This QA inspector performed ultrasonic testing (UT) verification of welds after ZPMC had performed their UT inspection. The segment is identified as Bike Path. The weld designations reviewed are as follows.

TR3004-001-001, 003, 005, 008, 014, 015, 016

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

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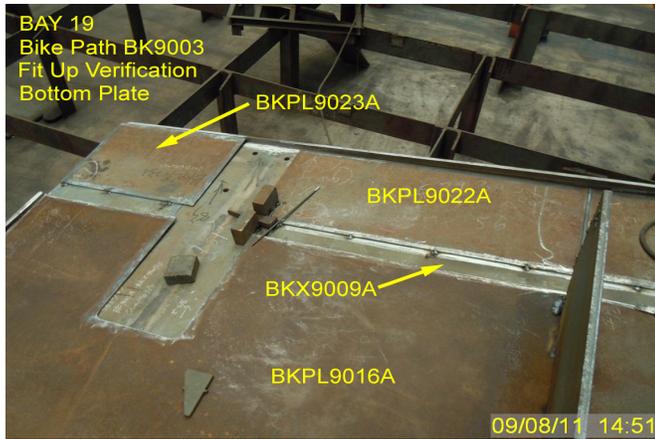
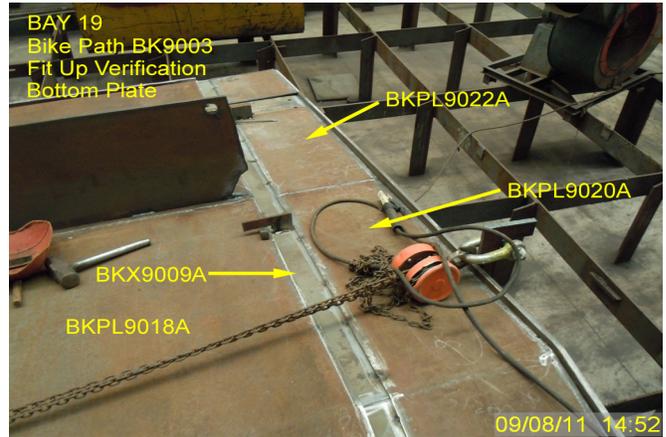
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# WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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## 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.

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**Inspected By:** Combs,Dennis

Quality Assurance Inspector

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**Reviewed By:** Riley,Ken

QA Reviewer