

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-010684**Date Inspected:** 10-Dec-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Huajie**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, S.Chandrakumar was present during the times noted above for observations relative to the work being performed.

BAY#13

SMAW welding of weld joint 4G-047 located on PCMK SEG068* of 11BE welder is identified as 067758. ZPMC QC is identified as Mr. Gui xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2214-TC-U4b-FCM-1.

FCAW welding of weld joint 2F-005 located on PCMK SSD19-PP102 of 11CE welder is identified as 055491. ZPMC QC is identified as Mr. Gui xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2232.

SMAW welding of weld joint 4G-243 located on PCMK SSD20-PP101 of 11CE welder is identified as 067656. ZPMC QC is identified as Mr. Gui xing hui. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2214-TC-U4b-FCM-1.

BAY#14

SMAW welding of weld joint 4G-010 located on PCMK SSD10A-PP92 of 10CW welder is identified as 067183. ZPMC QC is identified as Mr. Xu tao. The welding variables recorded by QC appeared to Comply with the

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WPS-B-T-2214-TC-U4b-FCM-1.

SMAW welding of weld joint 4F-012 located on PCMK SSD10A-PP92 of 10CW welder is identified as 067183. ZPMC QC is identified as Mr.Xu tao. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2114-FCM-1.

FCAW welding of weld joint 3G-049 located on PCMK SEG059E of 10CW welder is identified as 045175. ZPMC QC is identified as Mr. Wang xu. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2233-TC-U4b-F.

BAY#19

SAW welding of weld joint 1G-003 located on PCMK BP3018-001 of CB12 welder is identified as 062816. ZPMC QC is identified as Mr.Zheng cheng. The welding variables recorded by QC appeared to Comply with the WPS-B-T-2221-B-L2C-S-2.

Fabrication work of Bike path started .

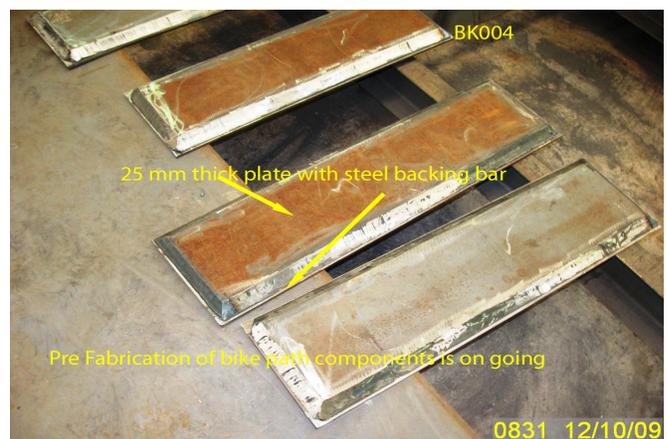
This QA inspector performed MT of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA inspector generated an MT report for this date. The members are identified as Bottom plate of cross beam. The weld designations reviewed are as follows:

Notification no is 4834.

BP026-012-001,002,003.

BP025-012-001,002,003.

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



Summary of Conversations:

No relevant Conversation.

Comments

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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-15--0042-2372, who represents the Office of Structural Materials for your project.

Inspected By:	Kumar, Chadra	Quality Assurance Inspector
Reviewed By:	Patterson, Rodney	QA Reviewer
