

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 #: 70.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-004286**Date Inspected:** 24-Oct-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 2200**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 800**Contractor:** Japan Steel Works**Location:** Muroran, Japan**CWI Name:** Pan Han**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:** Tower, Deviation and Jacking Saddles**Summary of Items Observed:**

On this date OSM Quality Assurance (QA) Representative Daniel L. Reyes was present during the welding of the structural steel components regarding the West Deviation Saddles relative to this project. The following was observed:

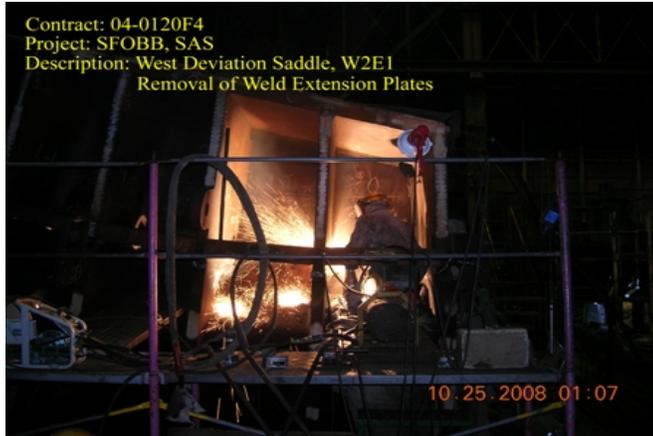
Fabrication Shop # 4

Upon the arrival at the Japan Steel Works, Ltd. (JSW) facility, The QA inspector traveled to the shop to observe the scheduled welding operation and the QC inspection of the structural steel grillage to the casting on the West Deviation Saddle identified as W2E1. The QA inspector noted the JSW welding personnel Yamashita Masao ID 73-4195, Takatoshi Inowe ID 08-5163 and Watanabe Satoru ID 08-5159 were performing the removal of weld extension plates and grinding of weld profiles on the structural steel rib to casting rib connections. The air carbon arc cutting process was utilized to remove the weld extension plates located at the ends of the Partial Joint Penetration (PJP) groove weld joints. There was no welding or shop fabrication performed as scheduled and no QC inspector was available during this shift.

The digital photographs on page 2 of this report, illustrates the observations of the activities performed on this date.

WELDING INSPECTION REPORT

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Summary of Conversations:

There were no pertinent conversations relative to the project on this date.

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 Venkatesh Iyer, (858) 967-6363, who represents the Office of Structural Materials for your project.

Inspected By: Reyes, Danny

Quality Assurance Inspector

Reviewed By: Lanz, Joe

QA Reviewer