

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 #: 13.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-001800**Date Inspected:** 21-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Oregon Iron Works Clackamas, Or.**Location:** Clackamas, Or.

CWI Name:	Steve Williams		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No	
Rod Oven in Use:	Yes	No	N/A
Weld Procedures Followed:	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:** Hinge K Pipe Beam (62F)**Summary of Items Observed:**

On this date, Caltrans Quality Assurance Inspector (QA) Danny C. White (B89) was present at Oregon Iron Works (OIW) for the purpose of monitoring fabrication operations of the Hinge K Pipe Beam at the OIW fabrication and welding shop in Clackamas, Oregon.

The QA Inspector was informed By OIW Welding Engineer Mr. Greg Roberts that (2) reduced section tension specimens which were cut from OIW-PQR-025 and (2) specimens of OIW-PQR-027 are in the back of his truck and ready to be shipped to PSI Incorporated for further machining. See photo below for additional information. The QA Inspector was informed by Mr. Roberts that machining will most likely start early next week.

During his shift the QA Inspector performed random observations in the fabrication and machine shops at OIW. The QA Inspector observed welding operators and machinists are performing bevel and sizing operations on stiffener plates as well as pipe components by utilizing automatic track type torches and 30 foot planer mill in the fabrication shop (Bay #1) and a vertical turret lathe (VTL) in the machine shop (Bay #5). The QA Inspector observed that OIW has drilled and tapped holes in components a106.

WELDING INSPECTION REPORT

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Summary of Conversations:

Within the body of the report.

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 Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	White,Danny	Quality Assurance Inspector
Reviewed By:	Wright,Mark	QA Reviewer
