

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-001824**Date Inspected:** 26-Mar-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1100**Contractor:** Oregon Iron Works Clackamas, Or.**Location:** Clackamas, Or.**CWI Name:** Steve Williams**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:** 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 performed random observations in the fabrication and machine shops at OIW. The QA Inspector was informed that the 30 foot planer mill in the fabrication shop (Bay #1) will be working on components for this job later in the day upon completion of a rush job. The QA Inspector observed that components marked a112 and b112 appear to have the machining of both sides of the outer edge completed and have been moved to Bay #8 for storage. The QA Inspector observed that OIW appears to have moved components a112 and b112 inside of Bay #8 and appear to have been stored in accordance with contract documents. The QA Inspector performed a random check of several these components and the machining performed appears to be in conformance with contract documents.

Summary of Conversations:

At the beginning of the shift the QA Inspector met with OIW Welding Engineer Mr. Greg Roberts at Koon Hall (KH) Testing and observed that sections from procedure qualification record (PQR) OIW-PQR-025 and OIW-PQR-027 are ready to be cut and machined into the final shapes of Charpy V Notch, Macro etch, side bend and all weld metal specimens. See TL-6034 created this date for additional information.

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

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for your project.

Inspected By: White,Danny

Quality Assurance Inspector

Reviewed By: Wright,Mark

QA Reviewer