

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-029517**Date Inspected:** 08-May-2013**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1700**Contractor:** American Bridge Manufacture**Location:** Reedsport, Oregon

CWI Name:	Mike Inman and Tony Corsaletti	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:** Skyway Traveler Rail Replacement and**Summary of Items Observed:**

On this date CALTRANS OSM Quality Assurance (QA) representative was present at American Bridge Manufacture for observations related to welding, fabrication and inspection performed for the Skyway Traveler Rail Replacement and OBG Cable Safety Railing scheduled for this project. While onsite the QA Inspector observed the following.

At the time of arrival, the QA Inspector met with ABM Quality Control (QC) Inspector and discussed the welding, fabrication, inspection and other project related items scheduled for this project for this date.

Skyway Traveler Rail Replacement - CCO # 24S0

The QA Inspector periodically observed American Bridge Manufacture (MCM) welding personnel Mike Hebert and Ryan Whiteman performing base material preheating, preparation and welding operations. The welding operation was being performed by using the Flux Cored Arc Welding Gas Shielded (FCAW-G) process in the horizontal position and it was being performed to make Complete Joint Penetration (CJP) and fillet welds. The welding operation was being performed between assembly plate members (web to top / bottom flanges) to make Girder number 3031TR1 and 3033TR1 assigned for the Skyway Traveler Rail Replacement.

The QA Inspector verified the electrical welding parameters and they appeared to be in general compliance with the referenced Welding Procedure Specification (WPS) number ABM-SAS-07 and ABM-SAS-08. The QA Inspector observed QC Inspector monitoring the welding operation at this location. The welding operation between assembly members was not completed at this location during the QA Inspector's shift.

WELDING INSPECTION REPORT

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OBG Cable Safety Railing Coating - CCO # 188

The QA Inspector periodically observed ABM coating personnel performing coating operation. The coating operations were being performed on the OBG Cable Safety Railings. The QC Inspector Tony Corsaletti notified to QA Inspector that the environmental readings were taken prior to and during the coating operations. QC Inspector relayed to the QA Inspector the environmental readings were reported acceptable for the today's coating and that the data was recorded on the inspection log for future reference. The coating operation was not completed at this location during this shift.

Summary of Conversations:

As noted on the body of the report above. Other Basic communication was performed between the QA Inspector and the Quality Control Inspector during observations.

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 Gary Thomas (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By:	Medina,Ricardo	Quality Assurance Inspector
Reviewed By:	Foerder,Mike	QA Reviewer
