

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-026252**Date Inspected:** 07-Sep-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** John Pagliero**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 Sections**Summary of Items Observed:**

This Quality Assurance (QA) Inspector, Craig Hager was on site at the job site between the times noted above. This QA Inspector was on site to randomly observe Quality Control (QC) personnel perform Non-Destructive Testing (NDT) and monitor American Bridge/Fluor (ABF) welding operations. This Quality Assurance (QA) Inspector, Craig Hager observed the following.

Self Anchored Suspension (SAS) Tower, Electro Slag Welding (ESW):

ESW weld location W: This QA Inspector was informed by QC Inspector John Pagliero that he had completed a preliminary visual inspection from Y-300 thru Y-4000 on the outside face (face B) and requested that a QA Inspector perform a preliminary visual verification. This QA Inspector confirmed with Lead QA Inspector Danny Reyes a preliminary visual verification was warranted. This QA Inspector performed a preliminary visual verification and the work performed appeared to comply with the contract requirements.

ESW weld location B: This QA Inspector randomly observed ABF personnel Jeff Stone using a grinder to remove various Magnetic Particle Testing (MT) indications marked by various QC Inspection personnel above the 9-meter elevation level. The grinding observed did not appear to be deeper than approximately 10 mm. The work observed appeared to comply with the contract requirements.

ESW weld location E: This QA Inspector randomly observed ABF personnel Alex Blanco using a grinder to remove various MT indications marked by various QC Inspection personnel above the 9-meter elevation level. The grinding observed did not appear to be deeper than 10 mm. The work observed appeared to comply with the

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contract requirements. This QA Inspector also randomly observed ABF personnel Devon Murphy using a power wire wheel to clean the face of the weld at the 3-meter elevation level in preparation for additional QC Inspections.

This QA Inspector was informed by Structural Material Representative (SMR) Kittric Guest via phone conversation this date that load-4 of the four loads of high strength PWS Anchor Rods previously released by this QA Inspector in Glasgow MO at Monnig Industries had been in a traffic accident on the way to the jobsite and requested a copy of all the certification packages for the material released (4-loads consisting of 14 certification packages from Dyson Corporation and 4 certification packages from Monnig Industries). This QA Inspector made the copies as requested and delivered them to SMR Kittric Guest.

Summary of Conversations:

This QA Inspector had general conversations with American Bridge/Fluor (ABF) and Caltrans personnel during this shift. Except as described above and noted above there were no notable conversations.

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 Nina Choy (510) 385-5910, who represents the Office of Structural Materials for your project.

Inspected By:	Hager,Craig	Quality Assurance Inspector
Reviewed By:	Levell,Bill	QA Reviewer
