

**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 #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Casey, William**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-027732**Date Inspected:** 05-Jun-2012**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1100**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** See Below**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/Tower**Summary of Items Observed:**

At the start of the shift this Quality Assurance Lead Inspector (QAI) traveled to the SAS project site and observed the work and the inspection performed by American Bridge/Fluor Enterprises (AB/F) Quality Control (QC) personnel. The observations and inspections were performed as noted below:

A). This Quality Assurance Lead Inspector (QALI) assigned the QA Inspectors to the following, but not limited to the work station(s) listed, to observe the welding and the QC inspection of the following:

Joselito Lizardo-Tower ESW Shear Plate "P" (Observation of repair welding , QC inspection and testing), Tower 77 Meter El. (Observation of welding, QC inspection and testing of padeyes, CCO # 201) and QA/VT & MPT verification.

Will Clifford-Tower Shear Plates, ESW "H" (Observation of repair welding , QC inspection and testing) and Observation of QC/MPT of ESW excavations), and QA/VT & MPT verification.

Matt Daggett- OBG W13 (Observation of welding, QC inspection and testing of drop-in field splices) and Suspender Brackets (Observation of welding, QC inspection and testing of new stiffener plates) and QA/VT & MPT verification.

Doug Frey-OBG E13 (Observation of production welding, QC inspection and testing of structural steel floor beam members and longitudinal stiffeners) and observed QC/UT of the drop-in field splice panels.

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Rodney Patterson-Tower Shear Plate ESW "H" (Observation of repair welding and QC inspection) and QA/UT verification.

NOTE: See QA daily Weld Inspection Reports (WIR) and NDE reports for additional information and details.

This QALI performed update of the field document control tracking records regarding the Orthotropic Box Girders (OBG, Longitudinal and Transverse "A" Deck Stiffeners, Deck Access Holes). Also, this QALI performed survey and prepared update documentation of the East, West OBG drop-in panels and Tower Shear Plates.

**Summary of Conversations:**

There were general conversations with Quality Control Lead Inspector, Bonifacio Daquinag, Jr., at the start of the shift regarding the location of welding, inspection personnel scheduled for this shift.

**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.

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<b>Inspected By:</b>	Reyes,Danny	Quality Assurance Inspector
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<b>Reviewed By:</b>	Levell,Bill	QA Reviewer
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