

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 #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-007425**Date Inspected:** 09-Jun-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Wei Wei**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**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 2:

This Caltrans QA inspector monitored activities related to end and strand stiffener replacement for Partial Joint Penetration (PJP) welds exceeding Welding Procedure Specification root gap tolerance on OBG segments 1AAW and 1AAE.

1AAW

The following base metal excavation repair areas that were tested and accepted by ZPMC MT technicians were verified and accepted by QA.

A41- SEG1C-174, 152, 90, 88, 024, 001

SEG1F-022, 023, 024, 025, 026, 027

SEG1E-415, 333, 044, 043, 253, 214

A40- SEG1E-164, 254

SEG1C-026

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A39- SEG1C-176, 97, 95
SEG1E-413, 331, 373, 445
A28- SEG1E-111, 192, 152, 242, 444, 402, 320, 362
SEG1C-015, 050, 130, 128

A24- SEG1E-148, 238
SEG1C-058

A19- SEG1E-311, 353
SEG1D-146

A13- SEG1E-137, 227, 96, 177, 429, 387, 347, 305
SEG1D-150, 151, 127, 128

A7- SEG1E-299, 341
SEG1D-108

Caltrans QA observed ZPMC repair base metal excavations of 1AAW after Caltrans MT verification. ZPMC did not have an approved CWR. ABF representative Mike Williams stated that Caltrans and ABF had verbally agreed to begin base metal repairs.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

As identified within the contents of this 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 Eric Tsang, 150 0042 2372, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
