DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 1.28

WELDING INSPECTION REPORT

Resident Engineer: Casey, William
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-029373
Date Inspected: 08-Apr-2013

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: American Bridge/Fluor Enterprises, a JV

OSM Arrival Time: 700
OSM Departure Time: 1730
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

Summary of Items Observed:

Quality Assurance Inspector (QA) Fritz Belford was at the American Bridge/Fluor (ABF) job site at Yerba Buena Island in California between the times noted above in order to monitor Quality Control functions and the in process work being performed by ABF personnel. The following items were observed:

Welder Guo Wu Chen #1556:
The welder was observed welding the “K” Rail for Hinge A Expansion Joint on the East Skyway North side at Panel Point 128.7. The welder was observed welding utilizing the Welding Procedure Specification (WPS) ABF-WPS-D15-1080 Rev.1 for Shield Meal Arc Welding (SMAW) the CJP weld. The welding parameters were verified by QC Inspector Bonifacio Daquinag Jr throughout the day and appeared to be in compliance with the WPS noted above.

F.W. Spencer Welder Rick Kickvee :
The welder was observed welding 3” diameter pipe butt welds for the Bike Path air service line. The welds were identified as welds 1/CA2/125.5 /BE, 1/CA2/126.5 /BE, 1/CA2/127.5 /BE & 1/CA2/128.5 /BE. The welder was observed welding utilizing the Welding Procedure Specification (WPS) 1-12-1 for Shield Meal Arc Welding (SMAW). The welding parameters were verified by QC Inspector Bonifacio Daquinag Jr. throughout the day and appeared to be in compliance with the WPS noted above.

Non-Destructive Testing (NDT)
This QA performed Visual Testing (VT) and Magnetic Particle Testing (MPT) on the following:
Bike Path Temporary Attachment Removals at Panel Points 121 to 123:

- 5 locations Tested. (VT and MPT Acceptable)

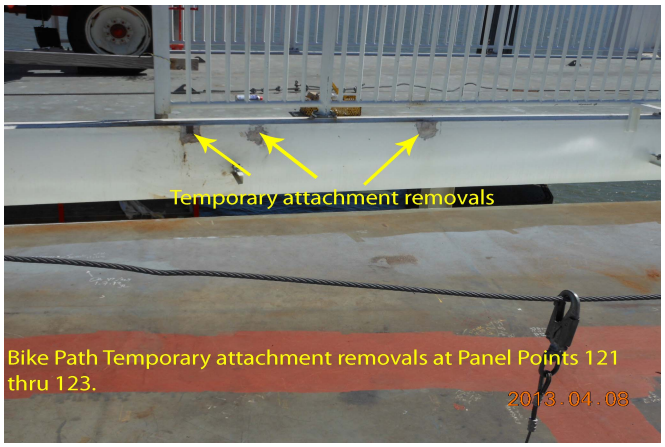
North Tower:

- 2 Chase nipple holes above the 90M level. (VT and MPT Acceptable)

See TL-6028 for MPT report information.

The completed and accepted work observed at this location appeared to be in compliance with the contract specifications.

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



Summary of Conversations:

Conversations this day as required for scope of work.

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.

WELDING INSPECTION REPORT

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Inspected By:	Belford,Fritz	Quality Assurance Inspector
Reviewed By:	Reyes,Danny	QA Reviewer