

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-028845
Date Inspected: 10-Dec-2012

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: As noted below.
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A
Component: Tower

Bridge No: 34-0006**Summary of Items Observed:**

Quality Assurance Inspector (QA) William Clifford 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:

This QA performed observation of excavation of Electroslag Weld (ESW) designated as ESW G. Excavation was performed at location (Y= 7800mm~8200mm).

Recorded observations at depth:

-6mm

One (1) longitudinal indication observed.

Y= 7030mm

X= -2mm

L= 9mm

-7mm

One (1) longitudinal indication observed.

Y= 7030mm

X= -2mm

L= 4mm

Excavation was extended by 100mm to (Y= 7800mm~8200mm).

WELDING INSPECTION REPORT

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-8mm

No indications observed.

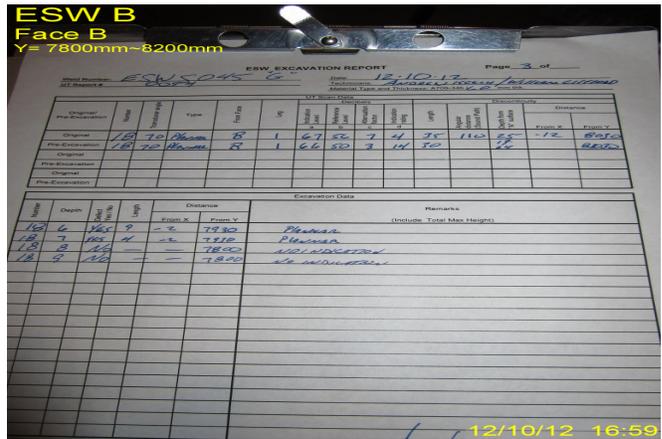
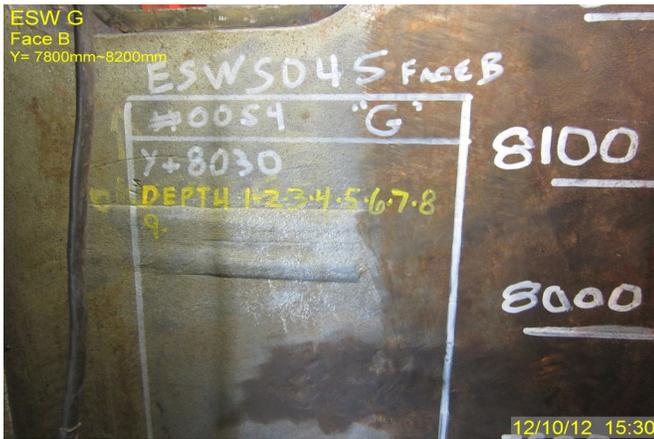
-9mm

No indications observed.

Excavation efforts have been halted due to end of shift.

Excavation was performed by ABF welding personnel using a mechanical grinder removing approximately 1mm at a time. This QA observed Quality Control Inspector Andrew Keech performing visual inspection and Magnetic Particle Testing (MT) of this excavation between passes. This QA performed visual inspection and intermittent verification MT of this excavation between passes.

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



Summary of Conversations:

Conversation was relevant to excavation performed during 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 Gary Thomas (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By: Clifford, William

Quality Assurance Inspector

Reviewed By: Reyes, Danny

QA Reviewer