

**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  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012309**Date Inspected:** 25-Feb-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 2330**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site

<b>CWI Name:</b>	Mike Johnson		
<b>Inspected CWI report:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A

<b>CWI Present:</b>	Yes	No	
<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved WPS:</b>	Yes	No	N/A
<b>Delayed / Cancelled:</b>	Yes	No	N/A
<b>Component:</b>	Segments E1 and E2		

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

At the start of the shift the Quality Assurance Inspector Gary Richmond traveled to the project site and observed the following work performed by American Bridge/Fluor (AB/F) personnel at the 1E/2E field splice:

Item 1: Field weld splice top plate.

Item 2: Field weld splice bottom plate.

1. Quality Assurance (QA) inspector, Gary Richmond was present during the welding on segments 1E-2E top field weld splice in accordance with welding procedure ABF-WPS-D15-F3200-2. The welders performing the work were Mitch Sittinger (0315) and Al McDaniel (2690). The weld was made on the face of the weld bevel on segment 1E using the FCAW method and was made from the center of weld A1 into the center of weld A2, the total length of the weld was 8.2 meters in length.

2. The (QA) inspector also witnessed the post weld heat treatment on segments 1E-2E, D1 & D2 segments D7-10 and 12-13. The heat was maintained at 149°C for three hours. ABF (QC) Mike Johnson was also present during these observations.

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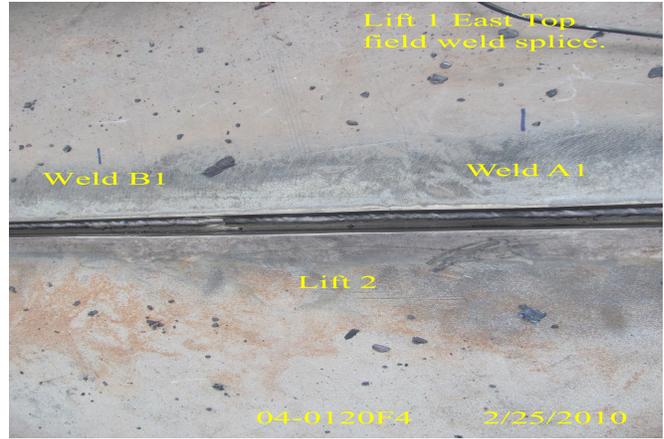
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# WELDING INSPECTION REPORT

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## Summary of Conversations:

No relevant conversations noted at this time.

## 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 Mohammed Fatemi (916)-227-5298, who represents the Office of Structural Materials for your project.

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**Inspected By:** Richmond, Gary

Quality Assurance Inspector

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**Reviewed By:** Levell, Bill

QA Reviewer