

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 #: 99.28**WELDING INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-025292**Date Inspected:** 29-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai**CWI Name:****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:**

On this date Caltrans OSM Quality Assurance (QA) Inspector R. Hernandez was present during the time noted above and conducted observations relative to the work being performed.

The QA Inspector randomly observed the following work in progress:

Trial Assembly CB18

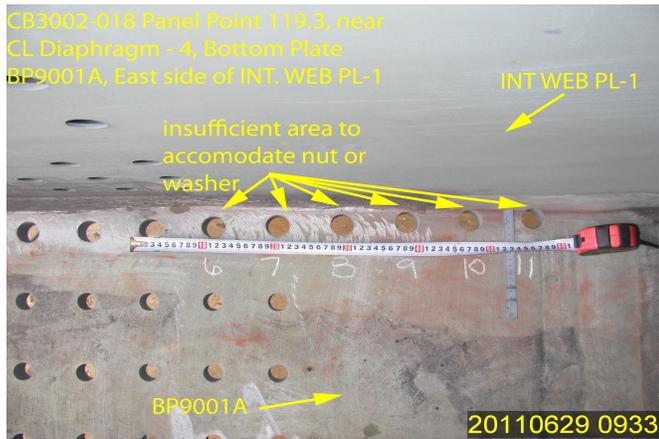
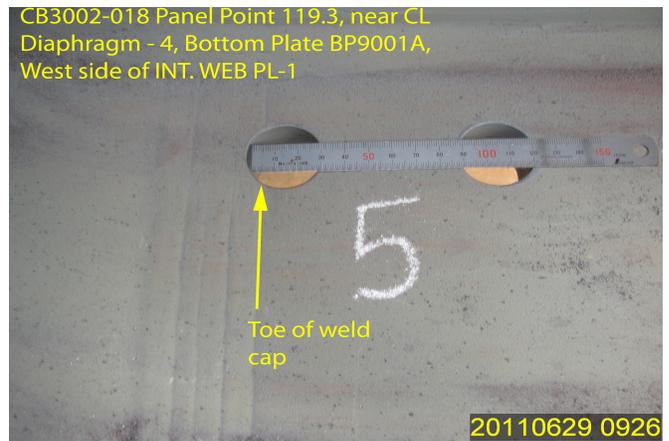
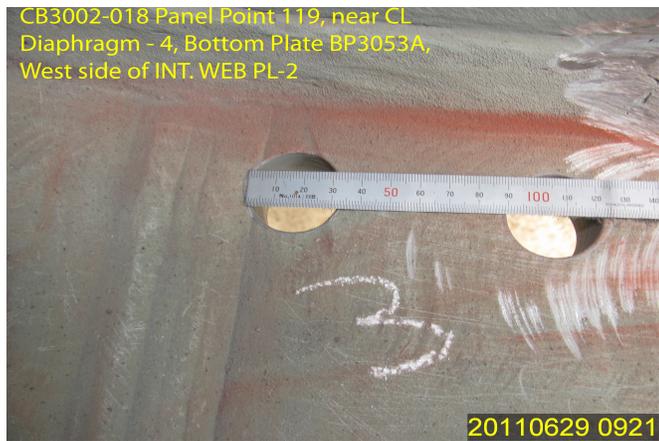
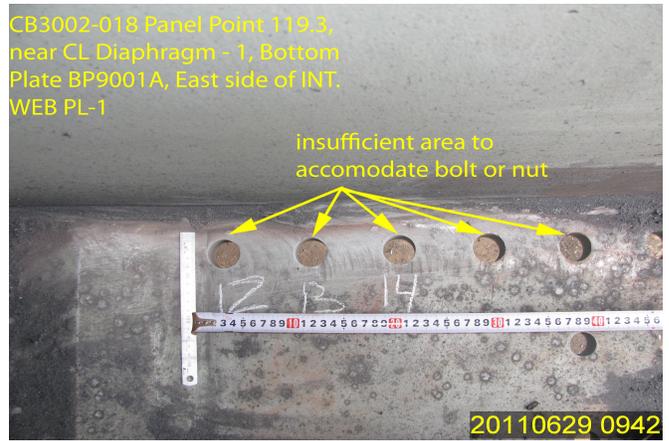
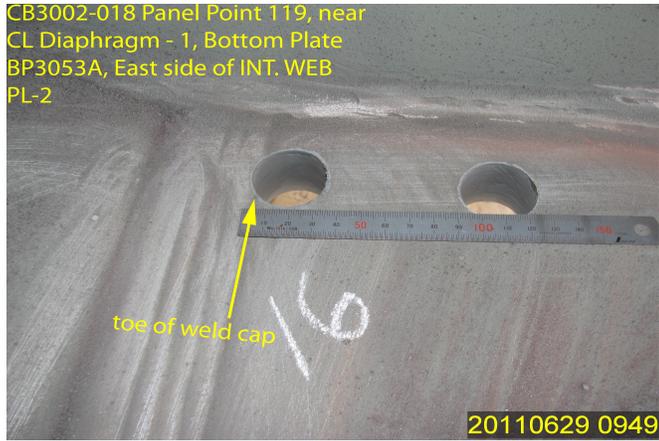
This QA inspector performed VT of bolt holes at bottom plates BP3053A & BP9001A for connecting CB3002A-018 to FL-3 at 13W & 13E at PP118.7 to 119.3. a total of 12 holes were discovered to have been drilled into existing welds at the bottom plates noted above. A total of 10 bolt holes were drilled to close the welds connecting WEB PL-3, WEB PL-2, & WEB PL-1. At these locations washers and nuts will not be able to be installed. See attached photos for exact locations and details.

This inspector entered reports previously reviewed and accepted into the PMIV database system.

Unless otherwise noted above all items observed on this day appeared to be in general compliance with the applicable contract documents

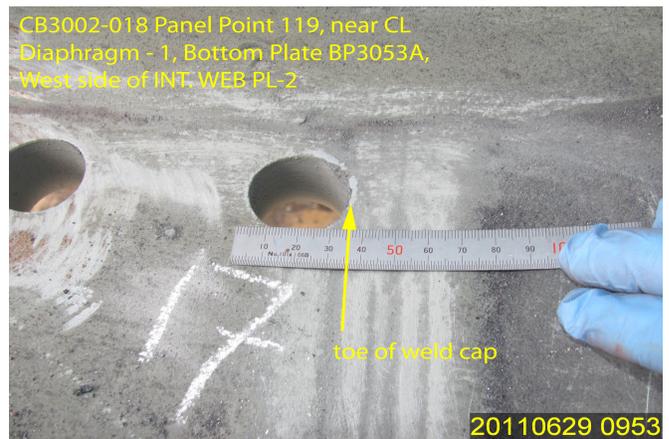
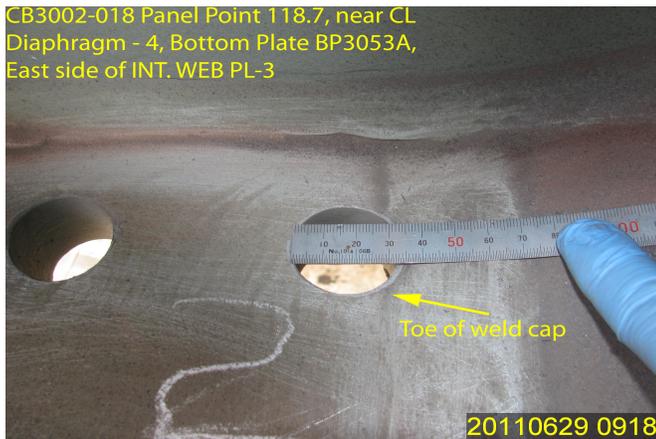
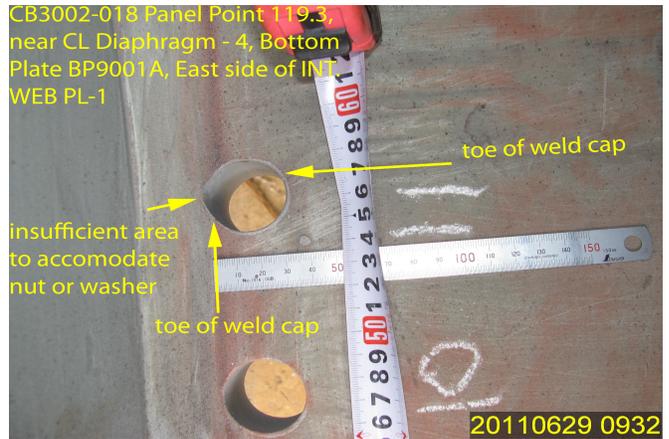
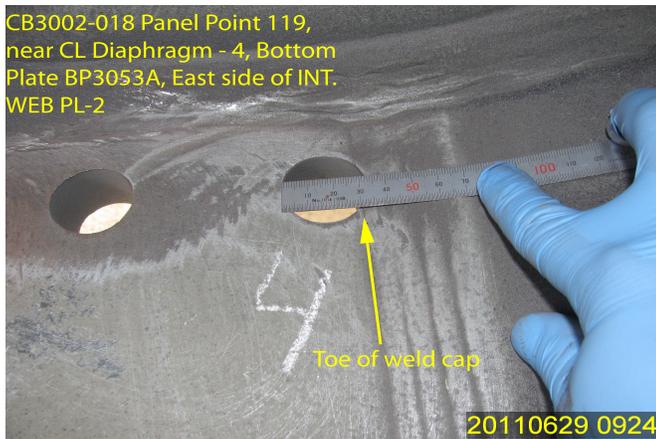
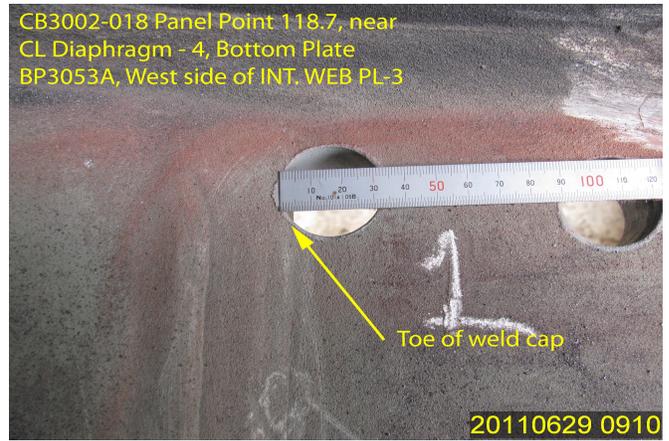
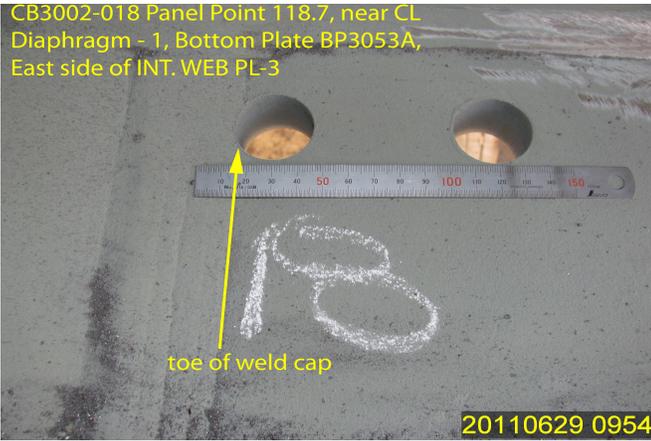
WELDING INSPECTION REPORT

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WELDING INSPECTION REPORT

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Summary of Conversations:

Pertinent conversations are included in the body of the 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 1500-0042-02372, who represents the Office of Structural Materials for your project.

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| Inspected By: | Hernandez,Rene | Quality Assurance Inspector |
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| Reviewed By: | Hall,Steven | QA Reviewer |
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