

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-015908**Date Inspected:** 22-Jul-2010**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, China**CWI Name:** Li Yang**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 Segment**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector Mr. M. Manikandan was present during the time noted above for observations relative to the work being performed.

ZPMC SHIP # 19 (8AW)

This QA Inspector along with Mr. Shailesh Wadkar photographed and documented at various locations on OBG 8AW prior to the shipment of (Voyage 4) en-route to Yerba Buena Island, California, USA. The following locations are where the photographs were taken and the photographs are available for review upon request.

OBG 8AW (Panel Point 60 thru Panel point 64) the following sequential members were photographed and documented:

1. Truss post – Crossbeam side of segment 8AW – PP 60.5, PP 61.5, PP 62.5 and PP 63.5.
2. Corner Assembly – Crossbeam side of segment 8AW – PP 60 to PP 64.
3. Longitudinal Diaphragm - Crossbeam side of segment 8AW – PP 60 to PP 64.
4. Chevron Diagonal members (upper and lower) - Crossbeam side of segment 8AW – PP 60 to PP 64.
5. Sea fasteners- 8AW – PP 60 to PP 64.
6. Chevron Diagonal members (upper and lower) – Bike path side of segment 8AW – PP 60 to PP 64.
7. Longitudinal Diaphragm – Bike path side of segment 8AW – PP 60 to PP 64.
8. Corner Assembly – Bike path side of segment 8AW – PP 60 to PP 64.
9. Truss post – Bike path side of segment 8AW – PP 60.5, PP 61.5, PP 62.5 and PP 63.5.

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ZPMC SHIP # 19 (8BW)

This QA Inspector along with Mr. Shailesh Wadkar photographed and documented at various locations on OBG 8BW prior to the shipment of (Voyage 4) en-route to Yerba Buena Island, California, USA. The following locations are where the photographs were taken and the photographs are available for review upon request.

OBG 8BW (Panel Point 64.5 thru Panel point 67) the following sequential members were photographed and documented:

1. Truss post – Crossbeam side of segment 8BW – PP 64.5, PP 65.5 and PP 66.5.
2. Corner Assembly – Crossbeam side of segment 8BW – PP 65 to PP 67.
3. Longitudinal Diaphragm - Crossbeam side of segment 8BW – PP 65 to PP 67.
4. Chevron Diagonal members (upper and lower) - Crossbeam side of segment 8BW – PP 65 to PP 67.
5. Sea fasteners- 8BW – PP 65 to PP 67.
6. Chevron Diagonal members (upper and lower) – Bike path side of segment 8BW – PP 65 to PP 67.
7. Longitudinal Diaphragm – Bike path side of segment 8BW – PP 65 to PP 67.
8. Corner Assembly – Bike path side of segment 8BW – PP 65 to PP 67.
9. Truss post – Bike path side of segment 8BW – PP 64.5, PP 65.5 and PP 66.5.

ZPMC SHIP # 19 (8CW)

This QA Inspector along with Mr. Shailesh Wadkar photographed and documented at various locations on OBG 8CW prior to the shipment of (Voyage 4) en-route to Yerba Buena Island, California, USA. The following locations are where the photographs were taken and the photographs are available for review upon request.

OBG 8CW (Panel Point 68 thru Panel point 71) the following sequential members were photographed and documented:

1. Truss post – Crossbeam side of segment 8CW – PP 68.5, PP 69.5 and PP 70.5.
2. Corner Assembly – Crossbeam side of segment 8CW – PP 68 to PP 71.
3. Longitudinal Diaphragm - Crossbeam side of segment 8CW – PP 68 to PP 71.
4. Chevron Diagonal members (upper and lower) - Crossbeam side of segment 8CW – PP 68 to PP 71.
5. Sea fasteners- 8CW – PP 68 to PP 71.
6. Chevron Diagonal members (upper and lower) – Bike path side of segment 8CW – PP 68 to PP 71.
7. Longitudinal Diaphragm – Bike path side of segment 8CW – PP 68 to PP 71.
8. Corner Assembly – Bike path side of segment 8CW – PP 68 to PP 71.
9. Truss post – Bike path side of segment 8CW – PP 68.5, PP 69.5 and PP 70.5.

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

Summary of Conversations:

No relevant conversations were reported on this date.

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 15000422372, who represents the Office of Structural Materials for

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your project.

Inspected By:	Manikandan,Murugan	Quality Assurance Inspector
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Reviewed By:	Peterson,Art	QA Reviewer
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