

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:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024137**Date Inspected:** 04-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, China

CWI Name:	N/A	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 Trial Assembly	

Summary of Items Observed:

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

This QA Inspector randomly observed the following work in progress:

Orthotropic Box Girder (OBG) at Trial Assembly Areas

Segment 13AW Bearing Block Assembly (for Anchor Bolt Seat) at OBG Trial Assembly

This QA Inspector performed Dimension Control Inspection on the Bearing Block Assembly (for Anchor Bolt Seat) at OBG Trial Assembly for Segment 13AW at the following locations along with ABF QA Mr. Wang at W3 locations. The Inspection was performed against the Notification # 09358 dated June 04, 2011.

Bearing Blocks are installed at PP 119 (-1500mm), Total 4 locations at West side of the Floor Beam.

Dimension inspection was performed after passing the anchor rod at between the holes of Bearing Block to Bottom Plate and recorded the various measurements as following.

Gap between the Bearing Blocks to Floor Beam.

Mill to Bear (MTB) measured between the Stools to Bearing Block.

WELDING INSPECTION REPORT

(Continued Page 2 of 3)

Mill to Bear (MTB) measured between the Stools to Bottom Plate.

Segment 13AW Bearing Block Assembly (for Anchor Bolt Seat) at OBG Trial Assembly

This QA Inspector performed Dimension Control Inspection on the Bearing Block Assembly (for Anchor Bolt Seat) at OBG Trial Assembly for Segment 13AW at the following locations along with ABF QA Mr. Wang at Center locations. The Inspection was performed against the Notification # 09358 dated June 04, 2011.

Bearing Blocks are installed at PP 119 (-1500mm), Total 4 locations at West side of the Floor Beam. Dimension inspection was performed after passing the anchor rod at between the holes of Bearing Block to Bottom

Plate and recorded the various measurements as following.

Gap between the Bearing Blocks to Floor Beam.

Mill to Bear (MTB) measured between the Stools to Bearing Block.

Mill to Bear (MTB) measured between the Stools to Bottom Plate.

Segment 13AW Bearing Block Assembly (for Anchor Bolt Seat) at OBG Trial Assembly

This QA Inspector performed Dimension Control Inspection on the Bearing Block Assembly (for Anchor Bolt Seat) at OBG Trial Assembly for Segment 13AW at the following locations along with ABF QA Mr. Wang at W4 locations. The Inspection was performed against the Notification # 09358 dated June 04, 2011.

Bearing Blocks are installed at PP 119 (-1500mm), Total 4 locations at West side of the Floor Beam.

Dimension inspection was performed after passing the anchor rod at between the holes of Bearing Block to Bottom Plate and recorded the various measurements as following.

Gap between the Bearing Blocks to Floor Beam.

Mill to Bear (MTB) measured between the Stools to Bearing Block.

Mill to Bear (MTB) measured between the Stools to Bottom Plate.

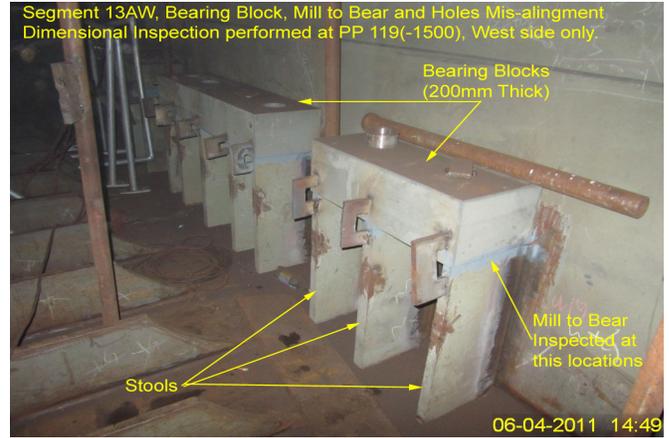
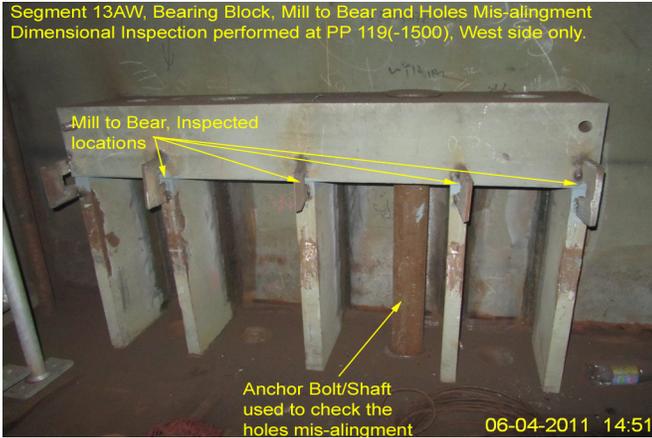
Reports was submitted to Caltrans Lead Inspector Mr. Mark Miller for review and further disposition.

Please reference the pictures attached for more comprehensive details.

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

WELDING INSPECTION REPORT

(Continued Page 3 of 3)



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 your project.

Inspected By: Math,Manjunath

Quality Assurance Inspector

Reviewed By: Miller,Mark

QA Reviewer
