

**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-022743**Date Inspected:** 15-Mar-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1900**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 700**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** See below**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 Components**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance Inspector (QA Inspector) George Goulet was present during the times noted above for observations relative to the work being performed.

Bay 14

In Bay 14, the following observations were made by this QA Inspector and QA Inspector Paul Dawson:

TC-RFI-0055R0, R1, R2, R3 - Segments 14E and 14W, Anchorage Area

This QA Inspector and QA Inspector Paul Dawson performed random document review of "Team China Request for Information (TC-RFI)" document #TC-RFI-0055R0, R1, R2 and R3 and the following observations were made:

RFI-055R0 item 1 addresses OBG segment 14 East and 14 West top anchorage plates. This QA Inspector performed random visual inspections and observed both of these plates are not installed and ZPMC does not appear to have completed coping of the stiffener plates as addressed by this RFI.

RFI-055R0 item 1 addresses OBG segment 14 East vertical anchorage bearing stiffener plates. The RFI does not require field modifications and no QA inspections are needed at this time.

RFI-055R1 item 1 addresses OBG segment 14 East and 14 West top anchorage plates. ZPMC does not appear to have completed installation of the brace angles at PP125 as addressed by this RFI.

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RFI-055R1 item 2 addresses acceptability of oversize holes in OBG segment 14 East and 14 West top anchorage plates. ZPMC does not appear to have completed installation of the holes as addressed by this RFI.

RFI-055R1 item 3 addresses OBG segment 14 East and 14 West drop in stiffeners. Additional information is needed prior to QA inspections of the drop in stiffeners.

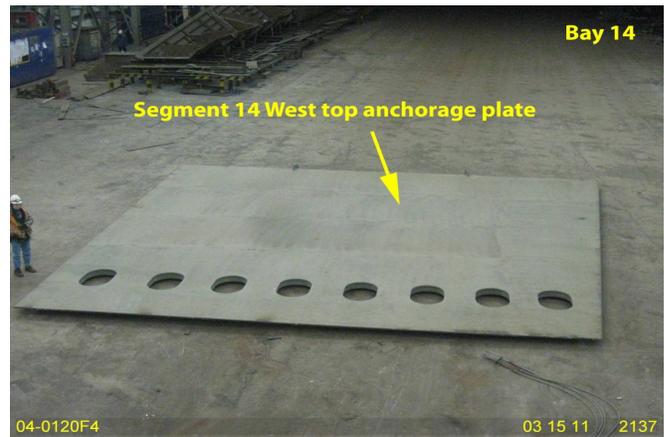
RFI-055R1 items 4 and 5 addresses OBG segment 14 East and 14 West anchor plate cope holes. Other Caltrans QA Inspectors have already completed these inspections and no additional QA inspections are required at this time.

RFI-055R1 items 6 addresses OBG segment 14 East and 14 West stiffeners to deck plate PJP welds for type 12 stiffeners. Information concerning locations of these stiffeners are required prior to QA inspections of the drop in stiffeners.

RFI-055R2 addresses OBG segment 14 East and 14 West anchor plate mill to bear sandwich plates. The RFI does not require field modifications and no QA inspections are required at this time.

RFI-055R3 addresses OBG segment 14 East and 14 West stiffener assemblies SA3347C and SA334D weld details. This RFI accepts the field installations and no additional QA inspections are required at this time.

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



## Summary of Conversations:

No significant conversations.

## 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, 150-0042-2372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Goulet, George	Quality Assurance Inspector
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<b>Reviewed By:</b>	Riley, Ken	QA Reviewer
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