

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.12**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000538**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 07-Dec-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Other important observations	<p>Shop floor walkthrough at around 8:30.</p> <p>OBG Deck Mock-Up: ZPMC finished the assembly of the interior and exterior splice plates to the closed ribs with drift pins and temporary bolts. No bolt installation activity was observed when I was on the shop floor.</p> <p>OBG Closed Rib Weld Trial #2: ABF / ZPMC were performing UT on all of the closed rib welds. CT QA was also performing 100% UT on the closed rib welds. Per Special Provisions, macroetch test shall be performed on the Engineer selected specimens of the closed rib welds after UT. At around 1200 hours, CT QA personnel selected the first set of macrosections for Weld Trial #2.</p> <p>OBG Bottom and Side Plate: ZPMC continued assembling and tack welding T-stiffeners to the bottom / side plate. ZPMC continued welding T-stiffeners to the bottom / side plate using Gantry welder with the new procedure. As of 07-Dec-07, ZPMC had welded fifteen bottom / side plates. It was understood that ZPMC continued adjusting the negative deflection height during the fabrication to minimize the distortion. ZPMC was also observed assembling and tack welding open stiffeners to the side plates.</p> <p>OBG Floorbeam: ZPMC was assembling and tack welding floorbeam parts FL3-1 with FL3-5.</p>
2	Major component movement	<p>At around 1200 hours, I worked with CT QA personnel to select macro specimens for the OBG Closed Rib Weld Trial #2. A set of 48 macrosections had been selected. Per Special Provisions, this set of macro specimens include 6 macors taken from each weld of 4 closed ribs. This set of macro specimens were selected by the Engineer at locations which represented the welds.</p>

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3	Meetings attended	Attended training on HSR, CWR and Weekly Welding Report.
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Inspected By: Liu, Chengwen

Quality Assurance Inspector

Reviewed By: Lowry, Patrick

QA Reviewer
