

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
 690 Walnut Ave. St. 150
 Vallejo, CA 94592-1133
 (707) 649-5453
 (707) 649-5493

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-000413**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 29-Oct-2007**Location:** Shanghai, China - Changxing Island**Submittals(New / Total):****CWR's:** 0 / 24**HSR's:** 1 / 11**NCR's:** 0 / 12

Item	Title	Detail
1	Major component movement	<p>Tower Mock Up-</p> <p>89 Meter- The continuation of the welding of Longitudinal Stiffener plates for skin plates C and D are currently being welded. ZPMC elected to use Flux Core Arc Welding (FCAW) process to complete the aforementioned welds. At this time, approximately 1/3 of the welding is completed on said stiffener plates.</p> <p>89 Meter Skin Plate "D"- ZPMC personnel are currently welding and then preceding with backgouging to sound metal on the reverse side to complete the upper and lower</p> <p>OBG Closed Rib Weld Trials- At 1300 hours, ABF/ZPMC representatives presented the second OBG Closed Rib Weld Trail panel to Caltrans for dimensional verification of the Partial Joint Penetration (PJP) groove weld joints. The Caltrans verification consisted of verifying the five (5) pre-selected U-Ribs, identified as U-73, U-01, U-75, U-02 and U-05, with one of the five U-Ribs, identified as U-05, selected for flatness. The average PJP weld joint consisted of a root face dimension measuring 1.5 to 2.1mm and a bevel angle measuring 28.5° to 25.5°. The flatness verification completed on U-Rib 05 was found by Caltrans QA to measure from 0 to 3mm.</p> <p>Plate Verifications- As of Sunday, October 28, 2007, the physical verification of ZPMC Batch numbers 24, 26, 27, 28 and 29 are completed by Caltrans QA personnel. The plates presented to Caltrans, in the aforementioned ZPMC batch numbers, were found to comply with project specifications. At this time, the Material Test Reports (MTR) associated with the aforementioned ZPMC Batch numbers are currently under review by Caltrans Quality Assurance for compliance with project specifications.</p>

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HSR- Heat Straighten Request (HSR) number 11 was given verbal approval for ZPMC to proceed as documented. At this time, ZPMC has not started with this request.

77 Meter Elevation: No fabrication noted by Caltrans QA on this date.

2	Quality Assurance Inspectors per shift	Day Shift: OBG Closed Ribs Weld Trails- Alfredo Acuna and Larry Viars Day Shift: Tower Mock Up- Mike Hasler and Dan Hernandez Day Shift: Contract Review / Documentation- Sherri Brannon and Tim McClendon
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Swing Shift: OBG Closed Ribs and Tower Mock Up- Charlie Franco, Roscoe Dixon, David Smith and Bruce Berger

3	Key conversations	At 0800 hours, ABF Quality Assurance Manager (QAM) Steve Lawton informed this Quality Assurance Inspector that ABF/ZPMC would like to give Caltrans the opportunity to complete the necessary dimensional verifications associated with the Orthotropic Box Girder (OBG) weld trial panel at 1300 hours.
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Verbal notification was given at 1630 hours to ABF Quality Assurance Manager (QAM) Steve Lawton for Heat Straightening Request number 11, dated Monday, October 29, 2007.

ABF Quality Assurance Manager (QAM) notified Caltrans that the fitting and tack welding of the second Orthotropic Box Girder (OBG) weld trial panel is going to start on Tuesday, October 30, 2007 at 0800 hours.

4	Heat Straightening Requests (HSRs)	ZPMC presented Caltrans Quality Assurance (QA) Heat Straightening Request (HSR) number 11 for review and response. This HSR was found to be in compliance with project specifications.
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Inspected By:	Cochran,Jim
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Quality Assurance Inspector

Reviewed By:	McClary,David
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QA Reviewer
