

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-000418**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 30-Oct-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 21**HSR's:** 0 / 10**NCR's:** 0 / 11

Item	Title	Detail
1	Major component movement	<p>OBG Production: Continue cutting floor beams and W beams.</p> <p>77m Tower Mock-up: Welding butt splice on diaphragm flanges.</p> <p>89m Tower Mock-up: Tack welding stiffener plates between diaphragms, Welding stiffener plate butt splices, Welding internal corner splice plate.</p> <p>114m Tower Mock-up: No welding observed.</p> <p>Closed-rib Weld Trial: ZPMC tack welding ribs for Weld Trial #2.</p>
2	Meetings attended	<p>Caltrans met with ABF and ZPMC at 1300 to discuss issues and the schedule for the next three days.</p> <p>Materials: The 2nd batch of check samples has been tested and approved. Caltrans received the MTR's for the 3rd batch of check samples today and is ready to proceed with sampling. ABF is currently reviewing the MTR's for Batch 30 of plate material. ABF rejected the 3rd batch of shapes consisting of A500 grade B pipes because the Mg and Si content do not comply with the ASTM specification.</p> <p>ABF spoke with ZPMC about the drilling of the 114m Tower Splice Mock-up. ABF stated that the holes should be drilled as deep as possible prior to removing the template.</p> <p>ZPMC stated they have received the Stamped "Approved" WPS's from two of the submittals they have asked about, but have not received the WPS's from three other submittals. Caltrans stated that these should have been</p>

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received by document control already, but would check to ensure this happened.

ZPMC asked about the status of the 7 CWR's they have submitted. Caltrans responded that these were received this morning and are being reviewed. Caltrans inquired about a letter from ZPMC referring to CCO 41 which eliminates some holes on the Tower and OBG for work padeyes and are being replaced by welded padeyes. The letter stated this could cause delay to the delivery of the Tower and OBG. Caltrans requested an estimate of the delay and suggested that on-site red lining of the drawings could eliminate any delay.

Caltrans asked about the status of the on-site furnace and press for forming the flanges for the Tower Diaphragms. ABF and ZPMC will check about the status of the moving of the press and the calibration of the furnaces. ABF stated that ZPMC is moving towards the amplitude based procedure for measuring the closed-rib PJP welds and that they are working with ZPMC on this issue.

3	Key conversations	Caltrans Level III David McClary met with ABF Level III Steve Lawton to discuss the progress ABF has made on the Closed-rib PJP UT procedure. Mr. Lawton stated that ZPMC's Level III Steven Kang had looked at the mechanical testing performed and measures some of the samples very differently than either ABF or Caltrans. Mr. Lawton is schedule to meet with Mr. Kang to discuss. QA and ABF have scheduled to meet with Mr. Kang tomorrow to discuss UT development paths going forward.
4	Quality Assurance Inspectors per shift	6 Day Shift (Acuna, Brannon, Hasler, Hernandez, McClendon, Viars) 4 Swing Shift (Berger, Dixon, Franco, Smith)
5	Logistics	Admin staff Ms. Rain and Ms. Sophie began work on the island today. ZPMC to begin 24 hour shifts on Friday, November 2, 2007.

Inspected By: McClary,David

Quality Assurance Inspector

Reviewed By: Lowry,Patrick

QA Reviewer
