

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-000494**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 27-Nov-2007**Location:** Shanghai, China - Changxing Island**Submittals(New / Total):****CWR's:** 3 / 25**HSR's:** 0 / 17**NCR's:** 1 / 16

Item	Title	Detail
1	Quality Assurance Inspectors per shift	Day Shift: OBG and Tower- Alfredo Acuna, Larry Viars, John Tracy and Dan Hernandez Day Shift: Material Verification- Tim McClendon Swing Shift: OBG and Tower- Charlie Franco, Roscoe Dixon, Scott Croff, Ken Jobs and Bruce Berger
3	Logistics	ABF/ZPMC informed Caltrans that the night shift will not be working this evening.
4	Major component movement	Orthotropic Box Girder (OBG) observations- OBG Floor Beam- Caltrans Quality Assurance (QA) observed ZPMC personnel in the process of heat straightening OBG Floor Beam, identified as FB007-02-026, not in conformance with project specifications. A Caltrans NCR was generated on this date to document this occurrence. Tower Mock-Up- 77 Meter Elevation- Caltrans QA Inspectors observed weld repairs in progress on web plate identified as SA104 at the weld access holes. 77 Meter Elevation- Caltrans QA Inspector observed ZPMC personnel in the process of heat straightening lower diaphragm plate identified as MUSH-SA95 which was completed at the end of the day shift. 89 Meter Elevation- Caltrans QA Inspectors observed ZPMC welding personnel in the process of welding longitudinal stiffener plate identified as MP543-1 to Skin Plate E utilizing Flux Cored Arc Welding (FCAW) process. 89 Meter Elevation- Caltrans QA Inspectors observed ZPMC Non

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Destructive Test (NDT) Technician perform Magnetic Particle Testing (MT) on Skin Plate "E" sub assemblies, Partial Joint Penetration (PJP) groove welds, with no recordable indications.

Material Verification-

Material Test Report (MTR) Verifications- Caltrans QA Inspector completed the verification of the material test reports associated with batch numbers 36 and 37. The MTRs reviewed for the identified batch numbers are found to comply with project specifications.

6 Nonconformance Reports (NCRs)

A Non-Conformance Report (NCR) was generated on this date on ZPMC cold bending Seismic Performance Critical Members (SPCM). ZPMC positioned a weight atop one end of a Ortopric Box Girder (OBG) floor beam plate and lifted the other end with the aid on a magnetic clamp and overhead crane. Refer to Caltrans QA Inspectors Alfredo Acuna and Scott Croff for further details.

7 Meetings attended

Caltrans/ABF/ZPMC Issues Meeting- Caltrans METS and Construction personnel attended today's issue meeting and discussed the following items,

1) General straightening of project related material before and after fabrication and the guidelines set forth. This discussion is related to the NCR generated on this date for improper straightening of project related material.

2) ZPMC personnel questioned the status of Heat Straightening Request (HSR) numbers 13, 14, 15, 16 and 17. As of this date, verbal approval from Caltrans was given to ABF for HSR's 13 and 14. HSR numbers 15, 16 and 17 are currently under review by Caltrans.

3) ZPMC personnel questioned the status to Critical Weld Repair (CWR) numbers 2, 3, 8 and 9, all to revision 01, and 26, 28 and 29, to revision 00, associated with the Tower Mock-Up. To date, the aforementioned CWR's have been recieved by Caltrans and are currently under review.

4) ZPMC personnel questioned the status of WQCP Addendum's D-14, D-15, D-16 and D-17. At this time, verbal approval from Caltrans for WQCP addendum's D-14 and D-16 was given and WQCP addendum's D-15 and D-17 were received on this date and are currently under review.

Inspected By: Cochran,Jim

Quality Assurance Inspector

Reviewed By: McClary,David

QA Reviewer
