

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-000379**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 26-Oct-2007**Location:** Shanghai, China - Changxing Island**Submittals(New / Total):****CWR's:** 0 / 21**HSR's:** 0 / 10**NCR's:** 1 / 12

Item	Title	Detail
1	Major component movement	<p>Tower Mock Up-</p> <p>89 Meter- ZPMC Non-Destructive Testing (NDT), Ultrasonic Testing (UT) personnel were observed conducting UT inspection on Strut Assemblies identified as SA24-1, weld joint number 9 and SA24-2, weld joint number 10. Both welds are Complete Joint Penetration (CJP) groove welds. Caltrans QA personnel were informed by ZPMC QA that the aforementioned UT examination is preliminary due to the "run-off" tabs are remaining. At the conclusion of the preliminary UT examination, ZPMC UT personnel informed Caltrans QA that Strut Assembly SA24-1, weld joint number 9 was found to be in compliance with project specifications were Strut Assembly SA24-2, weld joint number 10 was found to have rejectable indications that will need to be repaired.</p> <p>89 Meter- 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>77 Meter Elevation: No fabrication noted by Caltrans QA on this date.</p> <p>OBG Closed Rib Weld Trials- ABF/ZPMC is in the process of practicing Gas Metal Arc Welding (GMAW) on the closed rib panel for practice only.</p> <p>Plate Verifications- ZPMC Batch numbers 24, 26 and 27 are currently being reviewed and verified by QA. At this time, two (2) plates are remaining to be verified for batch number 24, thirty-one (31) out of thirty-two (32) plates have been verified for batch number 26 and batch 27 has just started with only one (1) plate verified by QA.</p>

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HSR-

Heat Straighten Request numbers 9 and 10 are currently under way. On this date, Caltrans QA Inspectors observed ZPMC personnel preceded with initial heating of the identified items. ZPMC QA stated that measurements will be taken once the componets have reached ambient temperature.

2 Quality Assurance Inspectors per shift Day Shift: OBG Closed Ribs and Tower Mock Up- Alfredo Acuna, Mike Hasler, Larry Viars and Tim McClendon
Day Shift: Plate Verification- Dan Hernandez
Day Shift: Contract Review / Documentation- Sherri Brannon

Swing Shift: OBG Closed Ribs and Tower Mock Up- Charlie Franco, Roscoe Dixon and Bruce Berger

3 Key conversations Caltrans verbal approval of Heat Straighten Request (HSR) numbers 9 and 10 were given on this date.

Inspected By: Cochran,Jim

Quality Assurance Inspector

Reviewed By: McClary,David

QA Reviewer
