

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-000737**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 30-Apr-2008**Location:** Changxing Island, Shanghai, PRC**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Key conversations	<p>ISMR discussed Caltrans comments on "Partial Mockup Fabrication Procedure #2 for Tower Diaphragm 3B and Tower Segment" with ABF Engineers Gene Rosamilia and John Hamer and Caltrans Senior Bridge Engineer Scott Kennedy. ABF requested that they be allowed to make revisions and return the procedure by Friday, May 2nd, without an official rejection of the procedure. Caltrans Engineers agreed. The comments that Caltrans required were as follows;</p> <ol style="list-style-type: none"> 1. Describe procedure completely without referencing back to previous procedures with statements such as "welding in accordance with ZPMC disposition on weld cracking...". 2. Perform MT after each peening pass of the fillet welds. 3. Repeat all welds to demonstrate confidence in the procedure. 4. Provide WPS and PQR with the procedure. Particularly noting that welding to the diaphragm plate, which is HPS485 material requires electrodes designated with the supplementary diffusible hydrogen label of "H4" or lower. <p>ABF Mr. Hamer suggested that he believed that the mockup welds to the diaphragm plate were originally performed with 9019 electrodes and subsequent repair attempts were made with 7019 electrodes, but he was not aware of the "H4" status of those electrodes.</p> <p>ABF Mr. Rosamilia also stated that he believed that the 15mm fillet weld cracks had all been successfully demonstrated and accepted in a partial mockup, which Caltrans Engineers had not been aware of.</p>
2	Meetings attended	<p>ISMR met with ABF Nate Lindell who demonstrated an electronic version of Weekly Welding Reports. He stated that the reports would be submitted to Caltrans in hard copy format along with an Excel file for data analysis. Mr. Lindell also indicated that he would in the future provide login information for ISMR's to access software to perform routine data sorting</p>

DAILY PROJECT JOURNAL

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| 3 | Heat Straightening Requests (HSRs) | ISMR submitted TL-08-1068 to Caltrans Construction accepting TL-001128 regarding providing a blanket allowance for ZPMC to perform heat-straightening on diaphragm flange plates that required less than 5mm of adjustment per discussion with Dr. Mazen Wahbeh on April 29. |
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Inspected By: McReynolds,Robert

Quality Assurance Inspector

Reviewed By: Wahbeh,Mazen

QA Reviewer
