

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-000558**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 12-Dec-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** /**HSR's:** /**NCR's:** /

Item	Title	Detail
1	Meetings attended	<p>Chengwen Liu and I met with Nate Lindell, ABFJV Quality Assurance Manager, to discuss Weekly Welding Reports to fully understand the ABFJV process he uses to evaluate reports and collect data for statistical usage. Of particular interest to the Department is how ABFJV tracks welds from that require NDT, repairs or heat straightening. Mr. Lindell explained that when he received the Weekly Welding Reports he checked the documents for completeness and then checked random parameters in the documents to verify that they were consistent. The ABFJV QA staff then logged any heat straightening requests, heat straightening records, critical weld repairs and weld repairs. I asked if ABFJV had a system to track if a repair or heat straightening could be tracked to ensure that the item in question received re-inspection and NDT after the repair or straightening. Mr. Lindell responded that he had a spreadsheet which tracked all repairs, and heat straightening to include items which do not require Engineer approval. In addition, ABFJV is in the initial stage of creating a binder with all the CWR, HSR and ZPMC internal weld repairs and heat straightening events for each component. These binders will be vital in ensuring that any repairs or heat straightening on welds in a particular component have been properly re-inspected and are free of defects. The meeting concluded with Mr. Lindell sending his electronic spreadsheet which he uses to track weld repairs for the three tower mock ups and the deck.</p>

Inspected By: Ishibashi, Josh

Quality Assurance Inspector

Reviewed By: Wahbeh, Mazen

QA Reviewer