

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.yy**DAILY PROJECT JOURNAL****Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Report No:** DPJ-000081**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Dated:** 06-Mar-2007**Location:** Changxing Island, Shanghai, China**Submittals(New / Total):****CWR's:** 0 / 0**HSR's:** 0 / 0**NCR's:** 0 / 1

Item	Title	Detail
1	Major component movement	<p>Caltrans Quality Assurance (QA) observed side bend tests on the remainder of the welder qualification tests performed on February 28th through March 1st. Additional welder qualifications are scheduled to begin on March 15th.</p> <p>Caltrans Quality Assurance (QA) witnessed the following Weld Procedure Qualification (PQR) test plates:</p> <p>1G SAW Minimum Heat Input Procedure Qualification Test Plate PQR HP-200707 - welding complete.</p> <p>1G SAW Maximum Heat Input Procedure Qualification Test Plate PQR HP-200708 - welding complete.</p> <p>1G FCAW Non-standard Joint using Ceramic Backing on 60mm plate - welding is still in process.</p>
2	Meetings attended	<p>A meeting was held between representatives of ZPMC, ABF, Caltrans, BATA and TYLin. ZPMC provided an overview of the operations on their Changxing Base related to the fabrication of the SAS Bridge. ZPMC detailed the type of work and components to be fabricated in each of their fabrication bays. The majority of fabrication on the Orthotropic Box Girders (OBG) will be performed within existing fabrication bays. The Tower construction will be performed in a shop currently under construction adjacent to the existing OBG facility. Construction of tower lifts and splicing of OBG segments into lifts will be performed in a lay down area adjacent to the Tower shop and is currently under construction.</p>
3	Other important observations	<p>ZPMC took the ABF, Caltrans, BATA and TYLin representatives on a tour of the facility. Major areas toured included the Steel receiving yard, cutting shop, pretreatment area (paint), OBG fabrication shops, and a view of the facilities currently under construction. Representatives also were taken to view the Tower Mock-up ZPMC had performed as part of their internal preparations for both the ABF and Caltrans tower mock-ups.</p>
4	Quality Assurance Inspectors per shift	<p>3 AM 0 PM</p>

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**Inspected By:** McClary,David

Quality Assurance Inspector

**Reviewed By:** Lowry,Patrick

QA Reviewer