

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave. St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-002936**Date Inspected:** 13-Nov-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Changxing Dao, Shanghai**Quality Control Contact:** Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coatings Inspection**Bridge No:** 34-0006**Component:** Sub-Assemblies (OBG) and Office.**Bid Item:** 77, 78, 79**Lot No:****Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE III coating inspector, Mr. Kenneth W. Cason Jr. arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections is to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA NACE III coating inspector observed the following:

Sub-Assemblies (OBG)

Crash Barriers (6 Each), NOI Number 5010: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the final coat installation on Crash Barriers (6 Each). ABF and ZPMC QA/QC recorded surface dry film thickness readings (DFT) in accordance with SSPC-PA2. ABF and ZPMC QA/QC No discrepancies noted.

Crash Barrier External Surfaces (71 Each), NOI Number 4962: In preparation for finish coat Interfine 979 Polysiloxane installation and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Crash Barrier External Surfaces (71 Each), No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

Splices X38B (66 Each), X38C (78 Each), X38L (19 Each), X38H (37 Each), X40M (4 Each), X41L (4 Each), Channel (12 Each), Man Hole Cover Plates (8 Each), Cross Beam Internal Channels CATW1-P-2B (2 Each) and CATW12-P-7 (1 Each), NOI Number 5014: In preparation for undercoat installation and in accordance with

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project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Splices X38B (66 Each), X38C (78 Each), X38L (19 Each), X38H (37 Each), X40M (4 Each), X41L (4 Each), Channel (12 Each), Man Hole Cover Plates (8 Each), Cross Beam Internal Channels CATW1-P-2B (2 Each) and CATW12-P-7 (1 Each). No discrepancies noted and ABF Quality Assurance personnel instructed ZPMC to proceed with process to the next check point.

Bike Path Panels (4 Each), NOI Number 5015: In preparation for finish coat Interfine 979 Polysiloxane installation and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Bike Path Panels (4 Each). Discrepancies noted by ABF Quality Assurance personnel include minor defects in undercoating. ABF Quality Assurance personnel instructed ZPMC to re-work parts and re-submit for inspection.

Service Platform SPB4-2, SPB7-2 and SPB8-2, NOI Number 5016: In preparation for finish coat Interfine 979 Polysiloxane installation and in accordance with project specifications and SSPC-SP 1, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the surface preparation on Bike Path Panels (4 Each). Discrepancies noted by ABF Quality Assurance personnel include minor defects in the undercoating. ABF Quality Assurance personnel instructed ZPMC to re-work parts and re-submit for inspection.

Crash Barrier External Surface (71 Each), NOI Number 5017: In accordance with project specifications, this inspector along with ABF and ZPMC Quality Assurance/Control representatives observed the final coat installation on Crash Barrier External Surface (71 Each). ABF and ZPMC QA/QC recorded surface dry film thickness readings (DFT) in accordance with SSPC-PA2. ABF and ZPMC QA/QC noted minor discrepancies requiring touch up in the Interfine 979 Polysiloxane.

Office

Attend to report writing and photo documentation.

Note: Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Cason,Kenneth	Quality Assurance Inspector
Reviewed By:	Miller,Mark	QA Reviewer
