

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 #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-001098**Date Inspected:** 06-Nov-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1845**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:****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:****Bridge No:** 34-0006**Component:** OBG Components**Bid Item:****Lot No:** B 278**Summary of Items Observed:**

On this day CALTRANS OSM Quality Assurance Inspector (QA) S. Manjunath. Math was present during the times noted above for observations relative to the work being performed.

Inspection for Surface Preparation and/or Coating Application.

OBG Internal Surface Inspection Request No. 1917

A joint two party inspection was performed by ABF Mr. Shi Zhaoyuan, Mr. Sun Xiong, Mr. Zhou Wei, Mr. Weichang Yun, Mr. Zhou Ounsong, Mr. David Duan, Mr. Zili Peng (International Paint) and QA for the Adhesion Test of OBG Internal Surface for Segment 6AW.

Inspection Conclusions: The inspection has been cancelled by ZPMC because they were dismantling the scaffolding pipes.

OBG Internal Surface Inspection Request No. 1918

A joint two party inspection was performed by ABF Mr. Shi Zhaoyuan, Mr. Sun Xiong, Mr. Zhou Wei, Mr. Weichang Yun, Mr. Zhou Ounsong, Mr. David Duan, Mr. Zili Peng (International Paint) and QA for the Surface Preparation of OBG Internal entire floor from the weld seam to PP 44 and PP 45 for Segment 6CW.

Inspection Conclusions: Rejected by ABF QA as they recommended Re-blasting and Caltrans QA concurred with

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the ABF QA Inspection.

OBG Internal Surface Inspection Request No. 1918A

A joint two party inspection was performed by ABF Mr. Shi Zhaoyuan, Mr. Sun Xiong, Mr. Zhou Wei, Mr. Weichang Yun, Mr. Zhou Ounsong, Mr. David Duan, Mr. Zili Peng (International Paint) and QA for the Surface Preparation of OBG Internal entire floor from the weld seam to PP 44 and PP 45 for Segment 6CW.

Inspection Conclusions: Accepted by ABF QA after minor re-blasting and blowing the dust off. Surface profile has been measured and found within the range 60 micrometer to 72 micrometer and Caltrans QA concurred with the ABF QA Inspection.

Corner Unit Assembly Inspection Request No. 1919

A joint two party inspection was performed by ABF Mr. Shi Zhaoyuan, Mr. Sun Xiong, Mr. Zhou Wei, Mr. Weichang Yun, Mr. Zhou Ounsong, Mr. David Duan, Mr. Zili Peng (International Paint) and QA for the Surface Preparation of Corner Unit Assembly Plate faying surface with PCMK as DP682A(11EW) and DP694A(11BW).

Inspection Conclusions: Accepted by ABF QA after minor re-blasting and blowing the dust off. Surface profile has been measured and found within the range 60 micrometer, 66 micrometer and 69 micrometer and Caltrans QA concurred with the ABF QA Inspection.

Splices Inspection Request No. 1920

A joint two party inspection was performed by ABF Mr. Shi Zhaoyuan, Mr. Sun Xiong, Mr. Zhou Wei, Mr. Weichang Yun, Mr. Zhou Ounsong, Mr. David Duan, Mr. Zili Peng (International Paint) and QA for the Degreasing and Cleaning of Splice with PCMK as X3P – 2050 Nos. and X37J – 217 Nos.

Inspection Conclusions: Accepted by ABF QA for Degreasing and Cleaning but recommended Edge grinding for all the Splices and Caltrans QA concurred with the ABF QA Inspection.

Corner Unit Assembly Inspection Request No. 1921

A joint two party inspection was performed by ABF Mr. Shi Zhaoyuan, Mr. Sun Xiong, Mr. Zhou Wei, Mr. Weichang Yun, Mr. Zhou Ounsong, Mr. David Duan, Mr. Zili Peng (International Paint) and QA for the Degreasing and Cleaning for Segment 7BE.

Inspection Conclusions: Accepted by ABF QA for Degreasing and Cleaning for Segment 7BE and Caltrans QA concurred with the ABF QA Inspection.

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

Summary of Conversations:

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No Relevant Conversation

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:	Math,Manjunath	Quality Assurance Inspector
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Reviewed By:	Carreon,Albert	QA Reviewer
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