

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 #: 1.28**WELDING INSPECTION REPORT**

Resident Engineer: Casey, William
Address: 333 Burma Road
City: Oakland, CA 94607

Report No: WIR-028837
Date Inspected: 08-Dec-2012

Project Name: SAS Superstructure
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Contractor: American Bridge/Fluor Enterprises, a JV

OSM Arrival Time: 700
OSM Departure Time: 1530
Location: Jobsite

CWI Name: Fred Michels
Inspected CWI report: Yes No N/A
Electrode to specification: Yes No N/A
Qualified Welders: Yes No N/A
Approved Drawings: Yes No N/A

CWI Present: Yes No
Rod Oven in Use: Yes No N/A
Weld Procedures Followed: Yes No N/A
Verified Joint Fit-up: Yes No N/A
Approved WPS: Yes No N/A
Delayed / Cancelled: Yes No N/A

Bridge No: 34-0006**Component:** OBG 13**Summary of Items Observed:**

On this date, Quality Assurance Inspector (QAI) Robert A. DeArmond was present at the San Francisco Oakland Bay Bridge job site at Yerba Buena Island to observe erection and welding activities for the San Francisco Oakland Bay Bridge (SFOBB) project. This Quality Assurance Inspector (QAI) observed the following work performed by American Bridge/Fluor Enterprises (AB/F) personnel at the locations noted below:

13WEST

Ultrasonic Testing (UT)

This QAI inspector performed UT of approximately 10% of the area previously tested and accepted by ABF Quality Control personnel. This QAI Inspector generated an UT report for this date. All components were designated by QA lead Danny Reyes. The member(s) is/are identified as OBG 13W Floor Beam Web and Flange Splice. The weld designations reviewed are as follows

13W-PP122-W2.1-BF1

Ultrasonic Testing (UT)

During the Quality Assurance Ultrasonic Testing (UT) verification of welds on floor beam flange splice, This Quality Assurance Inspector (QAI) discovered the following issues and generated an UT report for this date: One class "A" longitudinal indication; with a db rating of +6; measuring approximately 25 mm in length with a depth of 21mm. The indication was re-tested by ABF QC personnel Mr. Bernard Docena and found to be rejectable by QC.

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13W-PP122.5-W2.8-BF1

Ultrasonic Testing (UT)

During the Quality Assurance Ultrasonic Testing (UT) verification of welds on floor beam flange splice, This Quality Assurance Inspector (QAI) discovered the following issues and generated an UT report for this date: One class "A" longitudinal indication; with a db rating of +8; measuring approximately 20 mm in length with a depth of 10mm. The indication was re-tested by ABF QC personnel Mr. Bernard Docena and found to be rejectable by QC.

13W-PP123-W2.8-BF2

Ultrasonic Testing (UT)

During the Quality Assurance Ultrasonic Testing (UT) verification of welds on floor beam flange splice, This Quality Assurance Inspector (QAI) discovered the following issues and generated an UT report for this date: One class "A" longitudinal indication; with a db rating of +2; measuring approximately 40 mm in length with a depth of 12mm. The indication was re-tested by ABF QC personnel Mr. Bernard Docena and found to be rejectable by QC.

Ultrasonic Testing (UT)

This QAI inspector performed UT of approximately 10% of the area previously tested and accepted by ABF Quality Control personnel. This QAI Inspector generated an UT report for this date. The member(s) is/are identified as OBG 13W Floor Beam Flange Splice. The weld designations reviewed are as follows:

13W-PP124-W2.2-BF1

Magnetic Particle Testing (MT)

This QAI inspector performed MT of approximately 15% of the area previously tested and accepted by ABF Quality Control personnel. This QAI Inspector generated an MT report for this date. The member(s) is/are identified as OBG 13W Floor Beam Web and Flange Splice. The weld designations reviewed are as follows:

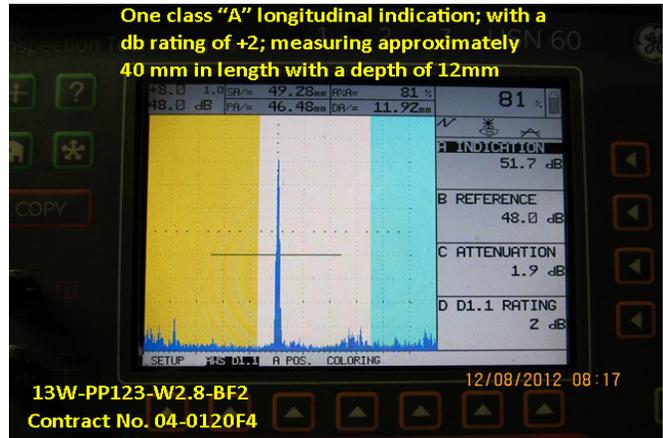
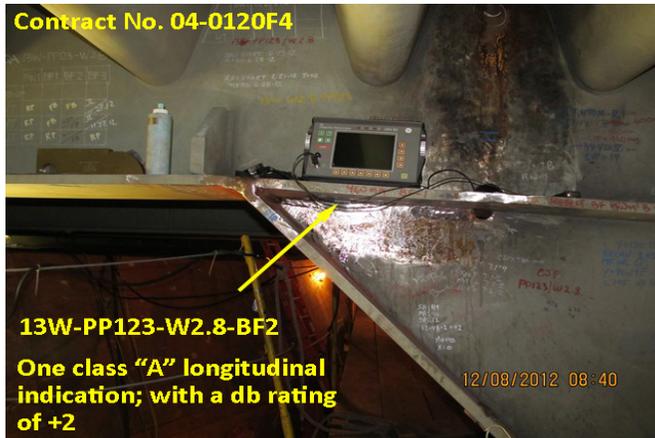
13W-PP122.5-W2.5-BF2

13W-PP123-W2.1-BW1

13W-PP123-W2.1-BF1

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Summary of Conversations:

As mentioned above between QA and QC concerning this project

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 Gary Thomas (916) 764-6027, who represents the Office of Structural Materials for your project.

Inspected By: DeArmond,Robert

Quality Assurance Inspector

Reviewed By: Reyes,Danny

QA Reviewer