

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-029855
Date Inspected: 29-Jun-2013

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

OSM Arrival Time: 930
OSM Departure Time: 1800

Location: XKT Engineering, Vallejo

CWI Name: Wayne Van de Wark
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:** Shear-Key repair retrofit items**Summary of Items Observed:**

Caltrans Quality Assurance Inspector (QAI) Monty Morris arrived at XKT facility for the purpose of witnessing fabrications of S1 & S2 Shear Key retrofit. The QC Manager was contacted by QAI regarding E2 Shear Key fabrications. The inspections performed were in accordance with the Standard Specifications and the project Special Provisions.

The welding of 3/8" diameter shear studs to the remaining 8" diameter schedule 40 pipe-sleeves was completed during this shift. This QAI witnessed the successful pre-production testing of studs welded to a sample pipe. A total of 32 of these pipe-sleeves for Shear-Key retrofit have been completed to this date.

WELDING INSPECTION REPORT

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Summary of Conversations:

There were general conversations with Quality Control personnel at the start of the shift regarding the location of the work and inspection personnel scheduled for this shift.

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

Inspected By: Morris, Monty

Quality Assurance Inspector

Reviewed By: Foerder, Mike

QA Reviewer