

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 #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: 77.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Twin Brothers Marine, Port of West St Mary, LA.**Report No:** NCR-000101**Prime Contractor:** MCM Construction, Inc.**Date:** 24-Jun-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000101**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: 1.8M CISS Piles
Procedural	Procedural	Description: Inadequate visual inspection by QITI	

Reference Description:**Description of Non-Conformance:**

The QA Inspector was informed by TBM the girth seam and longitudinal seam welds for pile casing designation T20R-4 had been accepted visually by QITI QC personnel and released to QA for verification.

The QA Inspector observed and noted (2) separate locations with a 25mm separation which exhibited undercut on the inside diameter girth seam weld TG-98 to TU-5. The depth was measured and established to be 2.5mm on average with a cumulative length of 30mm.

Note: The QA Inspector on 06/21 and 06/23 observed discrepancies on pile casing releases by QITI personnel (underfill and slag inclusions) were observed by the QA Inspector which required weld repair and re-inspection by ultrasonics prior to orange tag release to the jobsite.

Applicable reference:

AWS Section 6 Part A 6.1.2.2 and Special Provisions for Oakland Touchdown Approach 04-0120L4

Who discovered the problem: QA Inspector Mike Garcia**Name of individual from Contractor notified:** TBM Mill #2 Welding Foreman Marshall Lee**Time and method of notification:** 1430 verbal notification**Name of Caltrans Engineer notified:** Mohammad Fertemi**Time and method of notification:** 1500 verbal notification**QC Inspector's Name:** Josh Suire**Was QC Inspector aware of the problem:** Yes No**Contractor's proposal to correct the problem:**

None

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 Mohammad Fatemi, who represents the Office of Structural Materials for your project.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Inspected By: Garcia, Mike

Reviewed By: Wright, Mark

QA Inspector

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 #: 04-0120L4Cty: SF/ALA Rte: 80 PM: 1.6/2.7File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Twin Brothers Marine, Port of West St Mary, LA.**Report No:** NCS-000103**Prime Contractor:** MCM Construction, Inc.**Date:** 31-Jul-2008**Submitting Contractor:** Twin Brothers Marine**NCR #:** NCR-000101**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component:
Procedural	Procedural	Descriptor:	

Date the Non-Conformance Report was written: 24-Jun-2008**Description of Non-Conformance:**

The QA Inspector was informed by TBM the girth seam and longitudinal seam welds for pile casing designation T20R-4 had been accepted visually by QITI QC personnel and released to QA for verification.

The QA Inspector observed and noted (2) separate locations with a 25mm separation which exhibited undercut on the inside diameter girth seam weld TG-98 to TU-5. The depth was measured and established to be 2.5mm on average with a cumulative length of 30mm.

Note: The QA Inspector on 06/21 and 06/23 observed discrepancies on pile casing releases by QITI personnel (underfill and slag inclusions) were observed by the QA Inspector which required weld repair and re-inspection by ultrasonics prior to orange tag release to the jobsite.

Contractor's proposal to correct the problem:

None

Corrective action taken:

MCM Submittal 650 R02

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:****Date:****Is Engineer's approval attached?** Yes No**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 Mohammad Fatemi, (916) 813-3677, who represents the Office of Structural Materials for your project.

Inspected By: Madere, Mary

Quality Assurance Inspector

Reviewed By: Wright, Mark

QA Reviewer