

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 MATERIALS ENGINEERING AND TESTING 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
 FAX: (707) 649-5493



Contract # : 04-0120S4
 Cty SF Rte 80 PM 12.7/13.2
 File # 01 .25 B

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Yerba Buena Island Transition Structure**Date:** Oct. 12, 2010**Prime Contractor:** MCM Construction**NCR #001****Submitting Contractor:** MCM Construction**Type of problem:****Welding** **Concrete** **Other** **Welding:** **Curing:** **Procedural:** **Bridge No.** 34-0006**Joint fit-up:** **Coating:** **Other:** **Component:** Bid Item 81 -Pile Anchorage Plates**Procedural:** **Procedural:** _____

Description of Non-Conformance: The Contractor did not provide Material Test Reports (MTR), an Inspection Request (TL-38), nor a Certificate of Compliance for the fabricated steel pile anchorage plates. The material was neither inspected nor tagged by METS for release to the jobsite. In addition, working drawings for the plates were not submitted to the Engineer prior to fabrication.



Applicable reference: Standard Specifications Section 55-1.03 Inspection, and Section 55-1.02 Working Drawings, Section 5-1.02 Working Drawings, and AWS D1.1, 2006

Who discovered the problem: QA Kevin Carpenter**Name of individual from Contractor notified:** Chris Smith, Project Engineer**Time and method of notification:** Oct. 12, 2010 15:00 phone (via Elizabeth Moore)**Name of Caltrans Engineer notified:** Chetan Sihra, Asst. Structure Rep by Elizabeth Moore, SMR**Time and method of notification:** Oct. 12, 2010 16:00 phone**QC Inspector's Name:** n/a**Was the QC Inspector aware of problem:** n/a

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Contractor's proposal to correct the problem: Chris Smith of MCM has sent the following message to Andrew Wehrenberg, MCM's welding quality control manager (WQCM).

Andy, Can we send out a memo to the fabrication yard stating that "All permanent material, fabricated or otherwise, that is ordered for Job 331 (or any bay bridge contract) SHALL have material certs and SHALL be inspected and tagged by Caltrans prior to shipment to the jobsite. This is a contract requirement."

The Contractor has also submitted an MTR for the anchorage plate material to the Engineer via email. METS is reviewing it.

Comments: This report is for the purpose of determining general 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 Nina Choy, (510) 385-5910,, who represents the Office of Structural Materials for your project.

Inspected By: Kevin Carpenter

Quality Assurance Inspector

Reviewed By: Bill Levell

Lead QA Reviewer



Main Office

P.O. BOX 620 / 6413 32nd Street / North Highlands / CA 95660
(916) 334-1221 Estimating / Engineering FAX (916) 334-0562
Accounting FAX (916) 334-8355

Southern California Regional Office

P.O. BOX 867 / 19010 Slover Ave. / Bloomington / CA 92316
(909) 875-0533 Engineering / Accounting FAX (909) 875-2243

October 28th, 2010

State Of California
Department of Transportation
325 Burma Road
Oakland CA 94607

Letter 331-058

Attention: Rajesh Oberoi,
Senior Resident Engineer

Re: Contract No. 04-0120S4
YBI Transition Structures 1
*NCR #1 – STL 215 Revised
Response*

Gentlemen:

I am hereby retracting MCM-LTR-055. Please accept this letter in lieu of the previously submitted response.

We are in receipt of STL 215, NCR No. 1. Please find our response to each of the bullet points in the aforementioned letter.

- *1st Bullet: Pile anchor plates have been fabricated without submitting Form TL-38, "Inspection Request" as required per Standard Specifications Section 55-1.03, "Inspection." Form TL-38 is required to be submitted 10-days prior to start of fabrication.*
 - o This issue has been resolved.
 - o MCM has issued an internal memo to the fabrication yard instructing them to submit TL-38's for any and all fabrication that is for this project. No exceptions!

- *2nd Bullet: Pile anchor plates have been fabricated without approved working drawings as required per Standard Specification Section 1-1.02, "Working Drawings."*
 - o This issue has been resolved.
 - o The shop drawing was transmitted to the state in MCM-TRN-0089 R01. I have also included a snap shot of the detail for your use.

- *3rd Bullet: Pile anchor plates have been delivered to the jobsite without certified mill test reports and certificate of compliance as required per Standard Specifications Section 55-1.103, "Inspection."*
 - o See MCM-TRN-0089 R01, wherein MCM provides mill test reports and a COC.
 - o This issue has been resolved.



Main Office

P.O. BOX 620 / 6413 32nd Street / North Highlands / CA 95660
(916) 334-1221 Estimating / Engineering FAX (916) 334-0562
Accounting FAX (916) 334-8355

Southern California Regional Office

P.O. BOX 867 / 19010 Slover Ave. / Bloomington / CA 92316
(909) 875-0533 Engineering / Accounting FAX (909) 875-2243

Sincerely,

MCM CONSTRUCTION, INC.

A handwritten signature in blue ink that reads 'C. Smith'. The signature is written in a cursive style and is positioned above a horizontal line.

Christopher Smith
Project Engineer

cc: G. Allen, A. Wehrenberg, Job 331 File

DEPARTMENT OF TRANSPORTATION

325 Burma Road
Oakland, CA 94607
PHONE (510) 622-4200
FAX (510) 622-4266



*Flex your power!
Be energy efficient!*

December 6, 2010

Mr. Greg Allen
MCM Construction, Inc.
450 Burma Road
Oakland, CA 94607

04-0120S4
04-SF-80-12.7/13.2
YBITS-1
State Letter No. 0260

Subject: MCM Letter Nos. 56 and 58, Non-Conformance Report Nos. 1 and 2 Resolutions

Dear Mr. Allen,

The Department has reviewed your resolutions to Non-Conformance Report (NCR) Nos. 1 and 2, dated October 28 and 27, 2010, respectively. Your corrective procedures to the contract non-compliance issues are acceptable.

The Department considers the above-mentioned NCRs closed.

For further questions you may contact Jacquelyn Wong at 510-867-6152.

Sincerely,

A handwritten signature in blue ink, appearing to read "Mehran Ardakanian".

Mehran Ardakanian, P.E.
Senior Structures Representative
For
Rajesh Oberoi, P.E.
Senior Resident Engineer

file: 5.20, 9.02.06, 9.02.08

cc: M. Ardakanian, R. Oberoi, G. Klebanov, D. Quintana, C. Sihra, J. Wong

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
 MATERIALS ENGINEERING AND TESTING 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
 FAX: (707) 649-5493



Contract # : 04-0120S4
 Cty ALA Rte 80 PM 1.6/2.7
 File # 1.25A

QUALITY ASSURANCE - NONCONFORMANCE RESOLUTION

Location: Yerba Buena Island Transition Structure

Date: 01/08/2014

Prime Contractor: MCM Construction Inc.

NCR# 1

Submitting Contractor: MCM Construction

Type of problem:

| | | | | | |
|----------------------|--------------------------|--------------------|--------------------------|--------------------|---|
| Welding | <input type="checkbox"/> | Concrete | <input type="checkbox"/> | Other | <input checked="" type="checkbox"/> |
| Welding: | <input type="checkbox"/> | Curing: | <input type="checkbox"/> | Procedural: | <input checked="" type="checkbox"/> |
| Joint fit-up: | <input type="checkbox"/> | Coating: | <input type="checkbox"/> | Other: | <input type="checkbox"/> <<Other Problem Type>> |
| Procedural: | <input type="checkbox"/> | Procedural: | <input type="checkbox"/> | | |

Bridge No . 34-0006

Component Bid Item 81 - Pile Anchorage Plates

Date nonconformance report was written: 10/12/2010

Description of Non-Conformance: The Contractor did not provide Material Test Reports (MTR), an Inspection Request (TL-38), nor a Certification of Compliance for the fabricated steel pile anchorage plates. The material was neither inspected nor tagged by METS for release to the jobsite. In addition, working drawings for the plates were not submitted to the Engineer prior to fabrication.

Contractor's proposal to correct the problem: Contractor to propose a resolution.

Corrective action taken: Per Letter 331-058 dated October 28th of 2010, MCM has issued an internal memo to the fabrication yard instructing them to submit TL-38's for any and all fabrication that is for this project. The shop drawing, mill test reports and certificate of compliance was transmitted to the state in MCM-TRN-0089 R01. Per State Letter No. 0260 dated December 6th of 2010, this NCR is resolved.

Did corrective action require Engineer's approval? Yes No

If so, name of the Engineer providing approval:

Date:

Is Engineer's approval attached: Yes No

Comments: This report is for the purpose of determining general 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: Courtney Goldstein

Quality Assurance Inspector

Reviewed By: Ken Riley

QA Reviewer