



P.O. BOX 23223 Oakland, CA 94623
Phone (510) 419-0120 / Fax (510) 839-0666

LETTER OF SUBMITTAL
KFM Skyway Project # 04-012024

Run Date 14-Aug-06
Time 9:10 AM

Dated: 8/14/06

To: Doug Coe
Caltrans-Skyway Project
345 Burma Road
Oakland CA 94607
Phone: Fax:

SUBMITTAL No: KFM-SUB-006994 Rev: 00
Co/Job # 364-3726
Contract # 04-012024
Sub/Supplier: USI
Sub/Supplier No:

Subject: USI - Closeout Letter for NCR 249

Special Provis. (SP) REF: 10-1.44
Standard Spec. (SS) REF:

RESUBMITTAL/SUPPLEMENTAL REF:

- We are sending the following attached items: Attached Via Fax
- Contract Plans/Specs
 - Certs of Compl./Samples
 - Working Drawings
 - Drawings/Calculations
 - Schedule
 - WQCP and/or Addenda
 - Change Order
 - Progress Estimate Request
 - Weekly Weld Reports
 - Copy of Letter
 - Payroll Information
 - CWR Procedure

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	14-Aug-06	1	USI - Closeout Letter for NCR 249		0	Pending	4

These are transmitted as checked below:

- For Approval
- For Review/Comment
- Return For Correction
- For Your Use
- As Requested
- For Information

Remarks:

CC:

Please review / approve by: 21-Aug-2006

Submitted By: Dennis Winter

(KFM Staff Member - Originator of Transmittal)

Checked & Sent By:

Contract Admin/DCS Staff



Universal Structural, Inc.

July 22, 2006

Kiewit / FCI / Manson, JV (KFM)
220 Burma Road
Oakland, CA 94607
Phone: (510) 419-0120
Fax: (510) 839-0666

Attention: Paul Hegarty / Rich Bienek

Reference: SFOBB Skyway Project
USI #23932 (NCR LTR# 249.072206)

Subject: Response to Caltrans/Mets NCR# 244

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. has received Caltrans State Letter 5.03.1-009396, dated January 11, 2006. The Engineer stated:

"The width dimensions of the transition span (Assembly 9A deck plate) do not comply with the contract requirements. Overall width dimensions taken by USI show the deck to be narrow by 11mm. The State QA inspector performed a dimensional inspection and found measurements to vary from -4mm to -12mm from the approved shop drawings."

USI was aware that the Girder 9A Deck plate widths are narrow by a maximum of 12mm in one area and chose to proceed with welding of Field Splice 3. If the deck were a consistent 12mm narrow along the entire length of Girder 9A, Production would have added width the Decks. USI agrees with Caltrans that Deck width dimensions do not match the dimensions given on the approved shop drawings and requests the engineers' approval to leave as.

Attachments:

- Copy of - Caltrans State Letter 5.03.1-009396
- Copy of - Caltrans Pre-notification NCR Letter

Please review and submit to Caltrans for a letter to close this NCR. If you have any questions or need further clarification, please contact me at your earliest possible convenience.

Sincerely,
Universal Structural, Inc.

Nate Lindell
QA Manager

DEPARTMENT OF TRANSPORTATION

SFOBB - Skyway Project
345 Burma Road
Oakland, CA 94607
Facsimile Number: (510) 622-5165

COPY

Flex Your Power
Be Energy Efficient!

January 11, 2006

KFM, a JV
220 Burma Road
Oakland, CA 94607

Contract: 04-012024
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-009396

Subject: USI NCR No. 244: Assembly 9A Out of Dimensional Tolerance

Dear Mr. Zink,
Attention: Mr. Rich Bienek,

This Non-Conformance Report (NCR) is issued by the Engineer to KFM as a result of your supplier, USI, for the following reason:

1. The width dimensions of the transition span (Assembly 9A deck plate) do not comply with the contract requirements. Overall width dimensions taken by USI show the deck to be narrow by 11 mm. The State QA inspector performed a dimensional inspection and found measurements to vary from -4 mm to -12 mm from the approved shop drawings.

This NCR will be tracked as USI NCR No. 244. USI was verbally notified of this NCR by Caltrans' METS on 01/09/06. Please review and address how you plan to resolve this NCR and bring your work back into compliance with our contract.

Should you have any questions, please contact David Wu at (510) 622-5104 or Patrick Lowry at (858) 344-2712.

Sincerely,

David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

cc: P. Lowry, D. Coe, D. Wu, B. Chew, V. Iyer, I. Kwong, D. Salladay

file: 5.03.1, 9.03.8

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 # : 04-012024
Cty SF Rte 80 PM 13.9/14.3,0.0/1.6
File # 10 .25 B xxx

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Vancouver, Wa

Date: 1-9-06

Prime Contractor: KFM/ JV

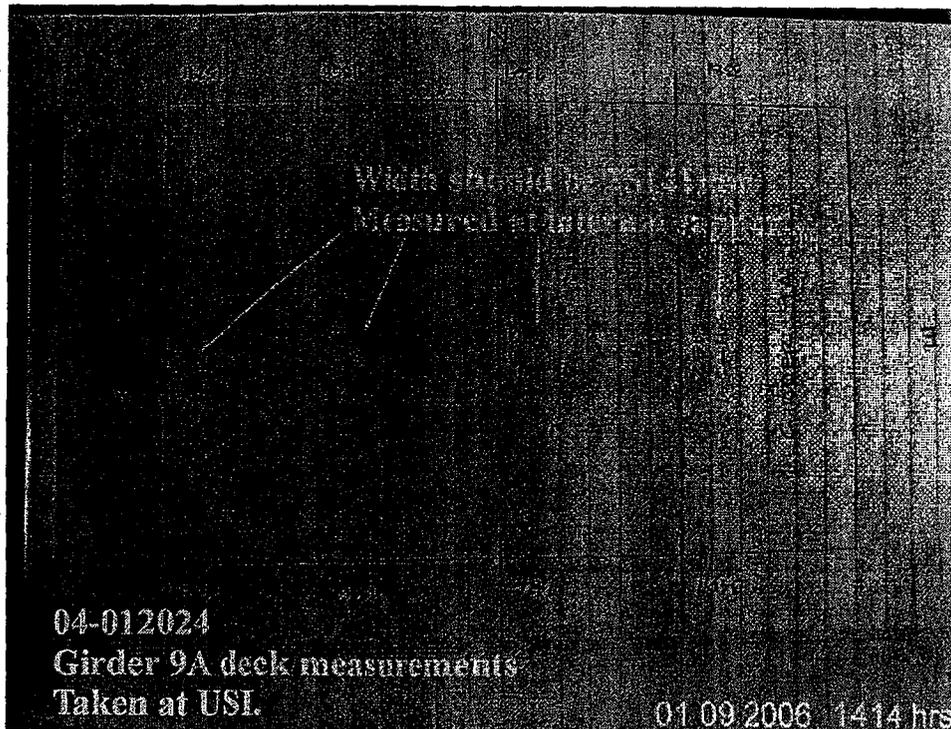
NCR# 244

Submitting Contractor: Universal Structural Inc (USI)

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 type="checkbox"/>
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input checked="" type="checkbox"/> Dimensional
Procedural:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>		

Description of Non-Conformance: Girder Assembly 9A deck plate width dimensions do not comply with the contract requirements. Overall width measurements taken by Universal Structural Inc. (USI) Quality Control show deck to be narrow by 11mm (reference USI incident report 503). Quality Assurance performed a dimensional inspection, taking measurements of deck plate widths of this assembly, and found measurements to vary from -4mm to -12mm from the approved shop drawings. See digital photograph of recorded measurements below.



QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Applicable reference: "Revised Field Edition (04-19-2002) of the Special Provisions" revised page 252; paragraph G, Dimensional Tolerances, 3. Dimensional tolerances for the fabrication, assembly and erection of the orthotropic box shall conform to the tolerances in AWS D1.5, AASHTO Sixteenth Edition 1996, Division II-Construction, Section 11.4.13-Orthotropic Deck Superstructures, and the following: a. Members comprising the orthotropic box, including all internal structure, shall be within 5mm of the theoretical location shown on the plans at any point along the member in the as-installed condition.

Who discovered the problem: Mark J. Miller

Name of individual from Contractor notified: Scott Reed

Time and method of notification: 1435 on 1-9-06, verbally,

Name of Caltrans Engineer notified: Ida Kwong

Time and method of notification: 1/10/06, email

QC Inspector's Name: QAM Keith Stephenson

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: No proposal has been submitted at this time.

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 Patrick Lowry, (858) 344-2712, who represents the Office of Structural Materials for your project.

Inspected By: Mark J. Miller

Quality Assurance Inspector

Reviewed By: David McClary

Reviewer

DEPARTMENT OF TRANSPORTATION

SFOBB – Skyway Project
345 Burma Road
Oakland, CA 94607
Facsimile Number: (510) 622-5165



*Flex Your Power
Be Energy Efficient!*

August 22, 2006

KFM, a JV
220 Burma Road
Oakland, CA 94607

Contract: 04-012024
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-010323

Subject: Response to KFM Submittal No. 6994 - USI closeout letter for NCR 249 (METS 244)

Dear Mr. Zink,
Attention: Paul Hegarty,

The Engineer has reviewed KFM Submittal No. 6994 - USI closeout letter for NCR 249 (METS 244) and it is approved.

If you have any questions, please contact David Wu at 510-622-5104 or Ady Velasco at 858-344-8746.

Sincerely,

<<< ORIGINAL SIGNED >>>

David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

cc: P. Lowry
D. Coe
V. Iyer
D. Wu
B. Chew
I. Kwong
H. El-Natur

file: 5.03.1