KFM
KIEWIT / FCI / MANSON, A JV

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 08-Oct-04
Time 12:41 PM

Dated: 08-Oct-2004

SUBMITTAL No: KFM-SUB-003029 **Rev:** 00

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

Co/Job # 364-3726
Contract # 04-012024
Sub/Supplier: USI
Sub/Supplier No:

Subject: USI - NCR #46 (METS #32) Response to SL 4830

Special Provis. (SP) REF: 08-3.01
Standard Spec. (SS) REF:
RESUBMITTAL/SUPPLEMENTAL REF:

We are sending the following attached items: ☑ Attached ☐ Via Fax

☐ Drawing ☑ Plans ☐ Prog. Pmt
☐ Samples ☐ Certificates of compliance ☐ Calculations
☐ Payroll ☐ Specs ☐ Copy of Letter
☐ Change Order ☐ Schedule ☐ Invoice

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	01-Oct-04	1	USI - Letter of Transmittal #84		0	Pending	1
02	01-Oct-04	1	USI - Letter Ref: USI#23932 (NCR LTR#49.100104)		0	Pending	1
03	16-Sep-04	1	USI - Letter Dated 9/16/04		0	Pending	1
04	21-Jun-04	1	State Letter # 5.03.1-004830		0	Pending	1
05	17-Jun-04	1	Quality Assurance - Nonconformance Report USI #46 (METS #32)		0	Pending	2

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 : 15-Oct-2004

Submitted By: Rich Bienek
(KFM Staff Member – Originator of Transmittal)

Checked & Sent By: SBurks
Contract Admin/DCS Staff

Universal Structural, Inc.
a subsidiary of
HARDER MECHANICAL CONTRACTORS, INC.
604 S.E. Victory Avenue, Vancouver, WA. 98661
P.O. Box 1030, Vancouver, WA. 98666
Phone: Vancouver (360) 695-1261 - Portland (503) 227-2419
Fax: (360) 696-3590

LETTER OF TRANSMITTAL

NO: 84
DATE: October 1, 2004
PROJECT: SFOBB Skyway Structure
JOB NO.: 23932
ATTENTION: Hegarty / Bienek

TO: KFM
220 Burma Road
Oakland, CA

WE ARE SENDING YOU

☐ ATTACHED ☑ NCR Responses
☐ Shop Drawings ☐ Prints ☐ Prints ☐ Samples
☐ Copy of letter ☐ Change order ☐ Change order ☐ Plans ☐ Specifications

COPIES	ITEM	DESCRIPTION / REMARKS
1 Original	NCR Response	Caltrans State Letter # 5.03.01-004830
1 Origianl	NCR Response	Caltrans State Letter # 5.03.01-005391

SKYWAY BAY BRIDGE PROJECT
KIEWIT / FCI / MANSON, A JV
DATE: 10-4-04 CO.JOB: 364-3726
ROUTED BY: NO: 04-012024
TO: SPECIAL NOTES:
RICH BIENEK
INTERNAL COPIES TO:
EXTERNAL COPIES TO:
SCANNED: Y N FILED TO:

THESE ARE TRASMITTED AS CHECKED BELOW

☐ For Approval ☑ For your use ☐ As Requested ☐ FOR BIDS DUE _____

REMARKS: Mr. Hegarty & Mr. Bienek,
Universal Structural, Inc. (USI) is in receipt of the above-mentioned Caltrans State Letter's and the following attachments; with individual cover letters is USI's record of subsequent action taken.

Copy To: _____

Signed: Brad Young
Brad Young cc/SC

If enclosures are not as noted, kindly notify us at once.

USI-NCR-46 (METS 32)

UNIVERSAL STRUCTURAL, INC.

604 S.E. Victory Ave.
Vancouver, WA 98661

P.O. Box 1030
Vancouver, WA 98666

Vancouver (360) 695-1261
Portland (503) 227-2419
FAX (360) 696-3590

October 1, 2004

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# 49.100104)

Subject: Response to Caltrans State Letter # 5.03.01-004830, DTD 06/21/2004

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.01-004830, dated June 21, 2004. Caltrans stated that:
"On 06/17/04, misalignment of welded closed ribs was observed for piece pd176 to pc176 on web pa48 due to geometry of forming. Rib pd176 is either malformed or twisted so it is longer symmetrical about the centerline. The Special Provisions (revised page no. 252, 'Design Details', paragraph G) states, "Members comprising the orthotropic box, including all internal structure, shall be within 5 mm of the theoretical location shown on the plans at any point along the member in the as-installed condition".

Please notify Caltrans and request 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.

Brad Murphy
Sales Manager

cc: Brad Young - USI
file

Category III

A Subsidiary of
HARDER MECHANICAL CONTRACTORS

September 16, 2004

KFM
220 Burma Road
Oakland, California 94623

Attn: Mr. Paul Hegarty

Re: State letter no. 5.03. 01-004830, regarding misalignment of welded closed ribs.

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. (USI) is in receipt of Caltrans State Letter # 5.03.01-004830 for possible misalignment of welded closed rib pd176 on web pa48. This particular rib section had been fit to the web plate at the time of this NCR. A stiffener is required to be fit inside the rib at the very end. Because the stiffener had not yet been fit to complete this portion of the assembly, the rib was distorted.

However, when the stiffener was inserted as required on the shop drawings and in accordance with 3.3.6 of AWS D1.5-96, all dimensions are well within tolerances. This particular NCR was written prior to the time that all fitting had been completed.

After investigation of this item, no non-conforming issues were found. All issues on State letter no. 5.03. 01-004830, regarding misalignment of welded closed ribs are in compliance.

If you have any questions or need further clarification, please contact me immediately.

Sincerely,
Universal Structural, Inc.
Ralph Seeley
Plant Manager
cc: file

P 12/04
BL PH

STATE OF CALIFORNIA-BUSINESS, TRANSPORTATION AND HOUSING AGENCY ARNOLD SCHWARZENEGGER, Governor

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

Flex Your Power
Be Energy Efficient!

June 21, 2004

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 # 5.03.1-004830

Subject: USI NCR No. 32: Misalignment of Welded Closed Ribs

Dear Mr. Skoro,
Attention: Paul Hegarty,

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

1. On 06/17/04, misalignment of welded closed ribs was observed for piece pd176 to pc176 on web pa48 due to geometry of forming. Rib pd176 is either malformed or twisted so it is no longer symmetrical about the centerline. The Special Provisions (revised page no. 252, 'Design Details', paragraph G) states, "Members comprising the orthotropic box, including all internal structure, shall be within 5 mm of the theoretical location shown on the plans at any point along the member in the as-installed condition".

This NCR will be tracked as USI NCR No. 32. USI was verbally notified of this NCR by Caltrans' METS on 06/17/04. 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.

Sincerely,

David Wu

David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

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

file: 5.03.1, 9.07.8

STATE OF CALIFORNIA—BUSINESS, TRANSPORTATION AND HOUSING AGENCY
Arnold Schwarzenegger, Governor

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

NCR 32
?

Contract #: 04-012024
Cty SF Rte 80 PM13.9/14.3,0.0/1.6
File # 10.25 B

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Universal Structural Inc, Vancouver, Wa.

Date: 6-17-04

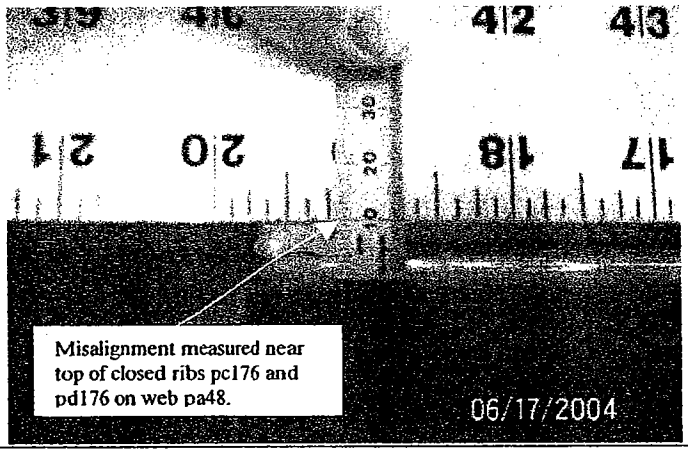
Prime Contractor: KFM/JV

Submitting Contractor: Universal Structural Inc.

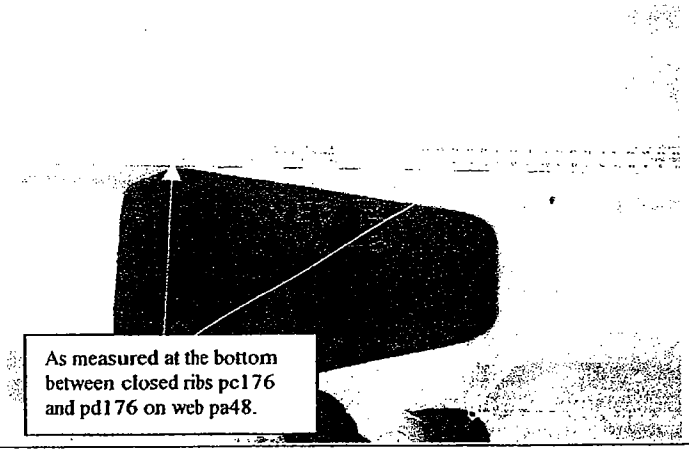
Type of problem:

Welding	☐	**Concrete**	☐	**Other**	☒
Welding:	☐	**Curing:**	☐	**Procedural:**	☐
Joint fit-up:	☐	**Coating:**	☐	**Other:**	☒
Procedural:	☐	**Procedural:**	☐		

Description of Non-Conformance: Misalignment of welded closed ribs pd176 to pc176 on web pa48 due to geometry of forming. Rib pd176 is either malformed or twisted so it is no longer symmetrical about the centerline.



Misalignment measured near top of closed ribs pc176 and pd176 on web pa48.


As measured at the bottom between closed ribs pc176 and pd176 on web pa48.

Applicable reference: Special Provisions dated 7-16-2001, revised page # 252, Design Details, paragraph G, 3.a "Members comprising the orthotropic box, including all internal structure, shall be within 5 mm of the theoretical location shown on the plans at any point along the member in the as-installed condition".

Who discovered the problem: QA Mark J. Miller

Name of individual from Contractor notified: USI QCM Mr. Chris Amonson

Time and method of notification: 6-17-04, 1100, verbal

Name of Caltrans Engineer notified: Ida Kwong

Time and method of notification: 6-21-04, 1105, verbal

QC Inspector's Name: Mr. Chris Amonson

Was the QC Inspector aware of problem: No

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Contractor's proposal to correct the problem: None 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) 344-2712who represents the Office of Structural Materials for your project.

Inspected By: Mark J. Miller — Quality Assurance Inspector

Reviewed By: David McClary — Lead QA Inspector

Hardcopy Routing Instructions:

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

Flex Your Power
Be Energy Efficient!

November 09, 2004

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 # 5.03.1-006054

Subject: Response to KFM-SUB-003029R00: USI NCR #46 (METS #32) Response to SL 4830

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

The Engineer has reviewed KFM-SUB-003029R00: USI NCR #46 (METS #32) Response to SL 4830 and agrees the Contractor has sufficiently addressed this NCR. As a result, USI NCR No. 32 (Misalignment of Closed Ribs) is resolved.

Should you have any questions, please contact David Wu at (510) 622-5104.

Sincerely,

<<< ORIGINAL SIGNED >>>

David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

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

file: 5.03.1, 9.07.8