



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 19-Jan-05
 Time 9:48 AM

Dated: 19-Jan-2005

SUBMITTAL No: KFM-SUB-003680

Rev: 00

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

Co/Job # 3643726
 Contract # 04912024
 Sub/Supplier: **USI**
 Sub/Supplier No:

Subject: **USI** - Documents Clearing **USI** KFM NCR #71 (METS 57)

Special Provis. (SP) REF: 083.01
 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	19-Jan-05	1	Letter of Transmittal #235		0	Pending	1
02	19-Jan-05	1	USI - Documents Clearing USI KFM NCR #71 (METS 57)		0	Pending	5

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 : 26-Jan-2005

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

Checked & Sent By:
 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: 235

DATE: January 14, 2005

PROJECT: SFOBB Skyway Structure

JOB NO.: 23932

ATTENTION: Paul Hegarty /
Rich Bienek

TO: KFM

220 Burma Road

Oakland, CA 94607

WE ARE SENDING YOU

- | | | | |
|---|---------------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> ATTACHED | <input type="checkbox"/> Prints | <input checked="" type="checkbox"/> NCR Responce |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input type="checkbox"/> Change order | <input type="checkbox"/> Samples |
| | | <input type="checkbox"/> Plans | <input type="checkbox"/> Specifications |

1 Original	NCR Response	Caltrans State Letter # 5.03.01-005992	
		USI Letter # 70.011105	
		KFM NCR # 70	
1 Original	NCR Response	Caltrans State Letter # 5.03.01-006031	
		USI Letter # 71.011405	
		KFM NCR # 71	

SKYWAY BAY BRIDGE PROJECT

KIEWIT / FCI / MANSON, A JV

DATE: 1-19-05	CO. JOB # 364-3726
ROUTED BY:	NO. 04-012024
TO: RICH BIENEK	SPECIAL NOTES

INTERNAL KFM COPIES TO:

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EXTERNAL COPIES TO:

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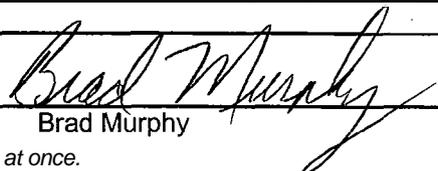
SCANNED: Y N FILED TO:

THESE ARE TRANSMITTED 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 in USI's record of subsequent action taken.

Copy To: _____

Signed: 
Brad Murphy

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



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

January 14, 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# 714.011405)

Subject: Response to Caltrans State Letter # 5.03.1-006031
KFM NCR #714

Mr. Hegarty & Mr. Bienek,

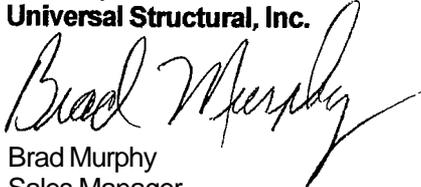
Universal Structural, Inc. received Caltrans State Letter # 5.03.1-006031, dated, 2004, Caltrans stated that:

"The State QA inspector observed USI straightening soffit plate pa19 at weld joint 102 which is a fracture critical member. The plate distorted while in the process of welding pa50 to pa19. In order to weld stiffeners pa19 and pa50, USI proceeded to use clamps and devices utilizing portable hydraulic power to straighten the distorted plate. Section 55-3.02 'Straightening of Material' of the 1999 Standard Specifications state, 'If straightening is necessary, it shall be done by methods acceptable to the Engineer. Details for methods proposed for straightening shall be submitted in writing to the Engineer prior to their use.'"

Please see the attached USI letter and photos in response to this NCR. 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



BLPH
11/8/04

DEPARTMENT OF TRANSPORTATION

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



Flex Your Power
Be Energy Efficient!

November 08, 2004

KFM, a JV
220 Burma Road
Oakland, CA 94607

KFM NCR 71

Contract: 04-012024
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-006031

Subject: USINCR No. 57: Failure to Provide Details For Proposed Method of Straightening

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

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

1. The State QA inspector observed USI straightening soffit plate pa19 at weld joint **102** which is a fracture critical member. The plate distorted **while** in the process of welding **pa50** to pa19. In order to weld stiffeners pa19 and pa50, USI proceeded to use clamps and devices utilizing portable hydraulic power to straighten the distorted plate. Section 55-3.02 'Straightening of Material' of the 1999 Standard Specifications states, "If straightening is necessary, it shall be done by methods acceptable to the Engineer. Details for methods proposed for straightening shall be submitted in writing to the Engineer prior to their use."

This NCR will be tracked as USI NCR No. 57. USI was verbally notified of this NCR by Caltrans' METS on 11/03/04. Please review and address how you plan to resolve this NCR and bring your work back into compliance with our contract.

Sincerely,

David Wu
Senior Bridge Engineer

For: **Mi.** 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



December 21, 2004

KFM
220 Burma Road
Oakland, California 94623

Attn: Mr. Paul Hegarty

Re: State letter no. 5.03. 01-006031, KFM NCR 71, **USI** NCR No. 57,
regarding Soffit plates pa19 and pa20 fabrication steps.

Mr. Hegarty & Mr. Bienek,

We are in receipt of the above referenced letter stating that **USI** failed to provide details for proposed method of straightening. In this instance of pa19 at weld joint 102, **USI** restrained the joint where weld distortion was being encountered. This was the first joint where this particular configuration was being welded. More distortion was found than what was originally thought. This was primarily due to the weld prep used by the detailer on the shop drawing. This preparation has subsequently been revised to a prep that **will** have an equal amount of heat input on both sides of the weld to reduce distortion. Additional restrains will also be used to limit distortion.

The procedure used by **USI** to restrain the weld joint is not straightening. It is our position that straightening is defined as yielding the material so it takes a permanent shape. This would be done using heating methods to reshape the material. In this case, no heat was used; the material was brought back into alignment by mechanical means to assure compliance with dimensional tolerances for both the weld and stiffeners that would be fit at later date. The material was not yielded, in other words, if the restraints were to be removed, the material would have returned to its shape before restraints were applied. This was checked to make sure we were not yielding the material. This is the same distortion that would have been encountered had the restraints been applied prior to the start-up of welding on this particular joint.

All issues on State letter no. 5.03. 01-006031, regarding Dimensional Checks are in accordance with USI Fabrication Plan and the contract specifications and are in compliance.

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

Sincerely,

Universal Structural, Inc.

A handwritten signature in black ink, appearing to read 'Ralph Seeley', with a long horizontal flourish extending to the right.

Ralph Seeley
Plant Manager

cc: **file**

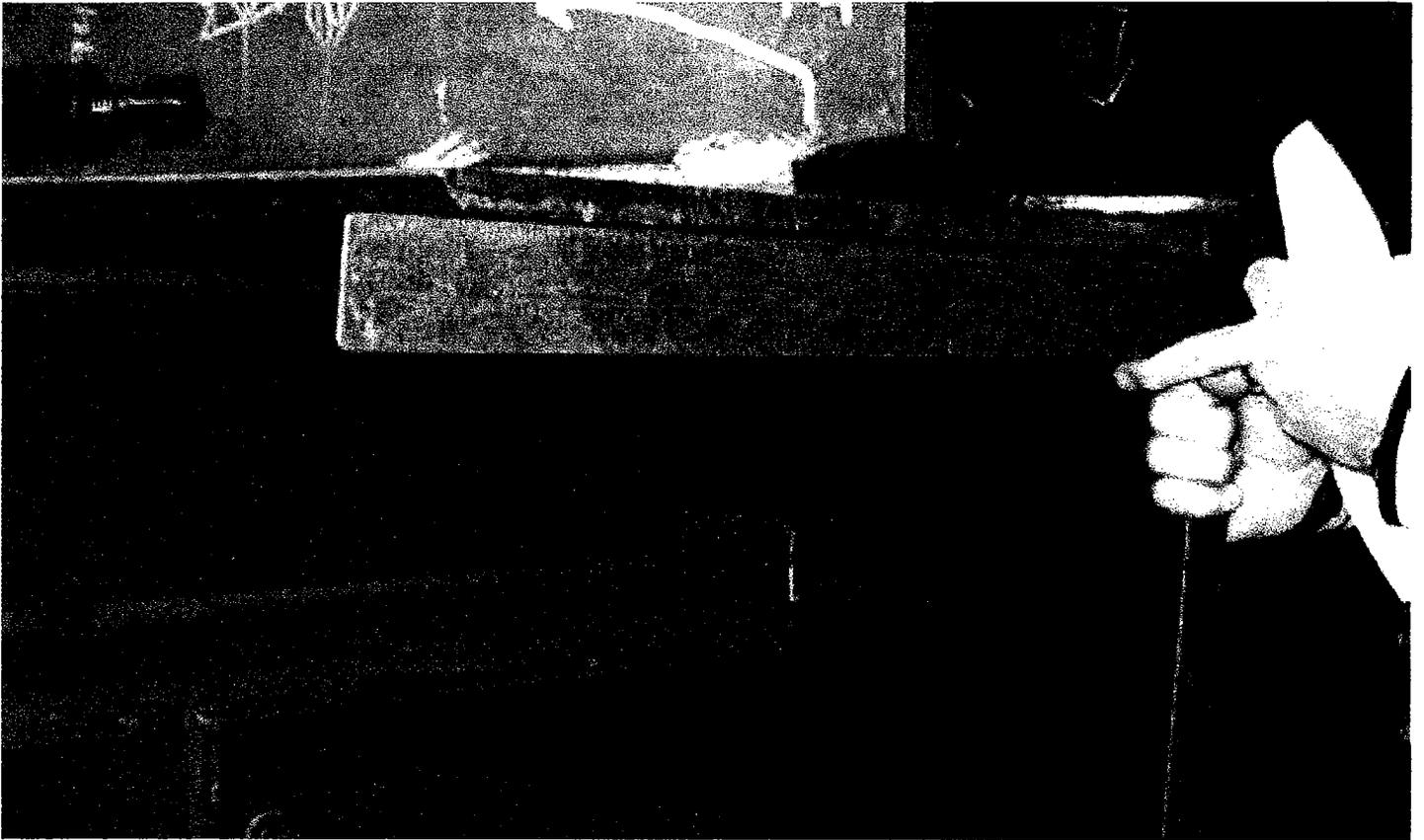
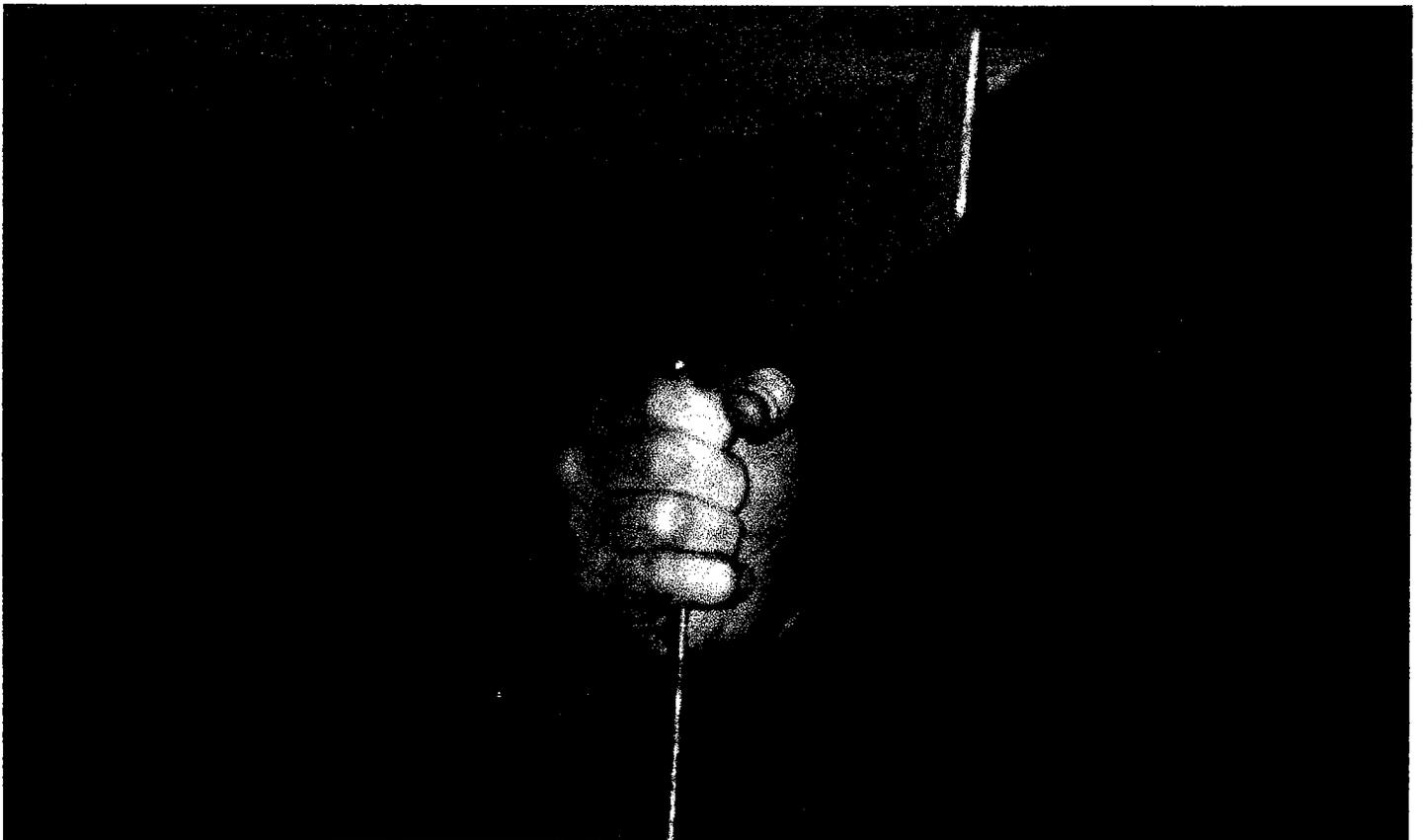


Photo taken after clamps were taken off, 11/05/2004



DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
Be Energy Efficient!*

February 14, 2005

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 # 5.03.1-006879

Subject: Response to KFM-SUB-003680R00: USI Documents Clearing USI KFM NCR #71 (METS #57)

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

The Engineer has reviewed KFM-SUB-003680R00: USI Documents Clearing USI KFM NCR #71 (METS #57). The Engineer agrees the Contractor has sufficiently addressed this NCR. As a result, USI NCR No. 57 is resolved.

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

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