



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 07-Jan-05  
 Time 2:19 PM

Dated: 07-Jan-2005

SUBMITTAL No: KFM-SUB-003696

Rev: 00

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

Co/Job # 3643726  
 Contract # 04-012024  
 Sub/Supplier: USI  
 Sub/Supplier No:

Subject: USI - Documents Clearing USI WM NCR #10R1

Special Prows. (SP) REF: 083.01  
 Standard Spec. (SS) REF:

**RESUBMITTAL/SUPPLEMENTAL REF:**

We are sending the following attached items:  Attached

Via Fax

- |                                       |   |   |
|---------------------------------------|---|---|
| <input type="checkbox"/> Drawing      | <input type="checkbox"/> Plans                      | <input type="checkbox"/> Prog. Pmt      |
| <input type="checkbox"/> Samples      | <input type="checkbox"/> Certificates of Compliance | <input type="checkbox"/> Calculations   |
| <input type="checkbox"/> Payroll      | <input type="checkbox"/> Specs                      | <input type="checkbox"/> Copy of Letter |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Schedule                   | <input type="checkbox"/> Invoice        |

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	07-Jan-05	1	Letter of Transmittal#216		0	Pending	1
02	07-Jan-05	1	USI - Documents Clearing USI WM NCR #10R1		0	Pending	7

These are **transmitted** as checked below:

- |                                       |   |  |
|---------------------------------------|---|--|
| <input type="checkbox"/> For Approval | <input type="checkbox"/> For Review/comment | <input type="checkbox"/> Return For Correction |
| <input type="checkbox"/> For Your Use | <input type="checkbox"/> As Requested       | <input type="checkbox"/> For Information       |

Remarks:

CC:

Please review / approve by : 14-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: 216

DATE: January 6, 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 Responses |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input type="checkbox"/> Change order | <input type="checkbox"/> Samples                  |
|   |                                       | <input type="checkbox"/> Change order | <input type="checkbox"/> Plans                    |
|   |                                       |                                       | <input type="checkbox"/> Specifications           |

1 Original	NCR Response	Universal Structural, Inc. NCR LTR # 10R1.010605, KFM NCR # 10R1																
1 Original	NCR Response	Universal Structural, Inc. NCR LTR # 36R1.122804, KFM NCR # 36R1																
<table border="1"> <tr> <th colspan="2">SKYWAY-BAY BRIDGE PROJECT</th> </tr> <tr> <td colspan="2">KIEWIT / FCI / MANSON, A JV</td> </tr> <tr> <td>DATE: 1-7-05</td> <td>CO/IOB 364-3726</td> </tr> <tr> <td>ROUTED BY:</td> <td>NO: 04-012024</td> </tr> <tr> <td>TO: RICH BIENEK</td> <td>SPECIAL NOTES:</td> </tr> <tr> <td colspan="2">INTERNAL KFM COPIES TO:</td> </tr> <tr> <td colspan="2">EXTERNAL COPIES TO:</td> </tr> <tr> <td colspan="2">SCANNED: Y N FILED TO:</td> </tr> </table>			SKYWAY-BAY BRIDGE PROJECT		KIEWIT / FCI / MANSON, A JV		DATE: 1-7-05	CO/IOB 364-3726	ROUTED BY:	NO: 04-012024	TO: RICH BIENEK	SPECIAL NOTES:	INTERNAL KFM COPIES TO:		EXTERNAL COPIES TO:		SCANNED: Y N FILED TO:	
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ROUTED BY:	NO: 04-012024																	
TO: RICH BIENEK	SPECIAL NOTES:																	
INTERNAL KFM COPIES TO:																		
EXTERNAL COPIES TO:																		
SCANNED: Y N FILED TO:																		

- For Approval   
 For your use   
 As Requested   
 FOR BIDS DUE \_\_\_\_\_

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 96661

PO Box 1030  
Vancouver, WA 96666

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

January 5, 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# 10R1.010605)

Subject: Response to Caltrans State Letter# 5.03.01-004236, DTD 4/21/2004  
KFM NCR # 10R1

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.01-004236, dated April 21, 2004. Caltrans stated that:

***"The State has reviewed KFM-SUB002067R00: USI - NCR 10 (USI No. 04-10 Rev. 1) regarding the request to heat straighten diaphragm assembly pa88. The State will allow USI to heat straighten....."***

Please see the following information:

- Copy of Caltrans State Letter# 5.03.1-004236
- Copy of USI Letter - March 26, 2004
- Copy of USI's - NCR Number: 04-10 rev. 1
- Copy of drawing PA 88 showing ~~out~~ of tolerance dimensions
- Copy of USI's - Ultrasonic Test Report
- Copy of Caltrans State Letter# 5.03.1-003673

This NCR still needs to be closed, please review the attached information and forward onto Caltrans for a letter to close NCR-10 R I.

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



**DEPARTMENT OF TRANSPORTATION**

SFOBB - Skyway Project  
 345 Burma Road  
 Oakland, CA 94601  
 Facsimile Number: (510) 622-5165



Flex Your Power  
 Be Energy Efficient!

April 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 # 5.03.1-004236

*Subject: Response to KFM-SUB-002067R00: USI - NCR 10 (USI No. 04-10 Rev.1)*

Dear **Mr. Skoro**,  
 Attention: Paul Hegarty,

The State has reviewed KFM-SUB-002067R00: USI - NCR 10 (USI No. 04-10 Rev.1) regarding the request to heat straighten diaphragm assembly pa88. The State **will** allow USI to heat straighten **diaphragm** assembly pa88 in the presence of a State **QA** inspector. Subsequently, non-destructive testing (NDT) shall be performed in accordance with AWS D1.5 Section 6.7.3.

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

Sincerely,

David Wu  
 Senior Bridge Engineer

Mr. Douglas  
 Resident Engineer

cc: Mr. Wu, Mr. Johnson, Mr. ...  
 I. Kwong

file: 5.03.1, 9.07.8

# UNIVERSAL STRUCTURAL, INC.



March 26, 2004

Mr. Paul Hegarty  
KFM  
220 Burma Road  
Oakland, California 94623

Re: State Letter 5.03.1-003673  
METS NCR number: USI NCR No. 10

Dear **Mr.** Hegarty:

This NCR states that the Contractor was not maintaining dimensional tolerance for flatness on diaphragm pa88.

USI documented this on USI's NCR number 04-10, revision 1. A **copy**, with an attached sketch **is** being forwarded for your records.

Sincerely,

Christopher Amonson  
Quality Assurance Mgr.



Category III

HARDER MECHANICAL CONTRACTORS



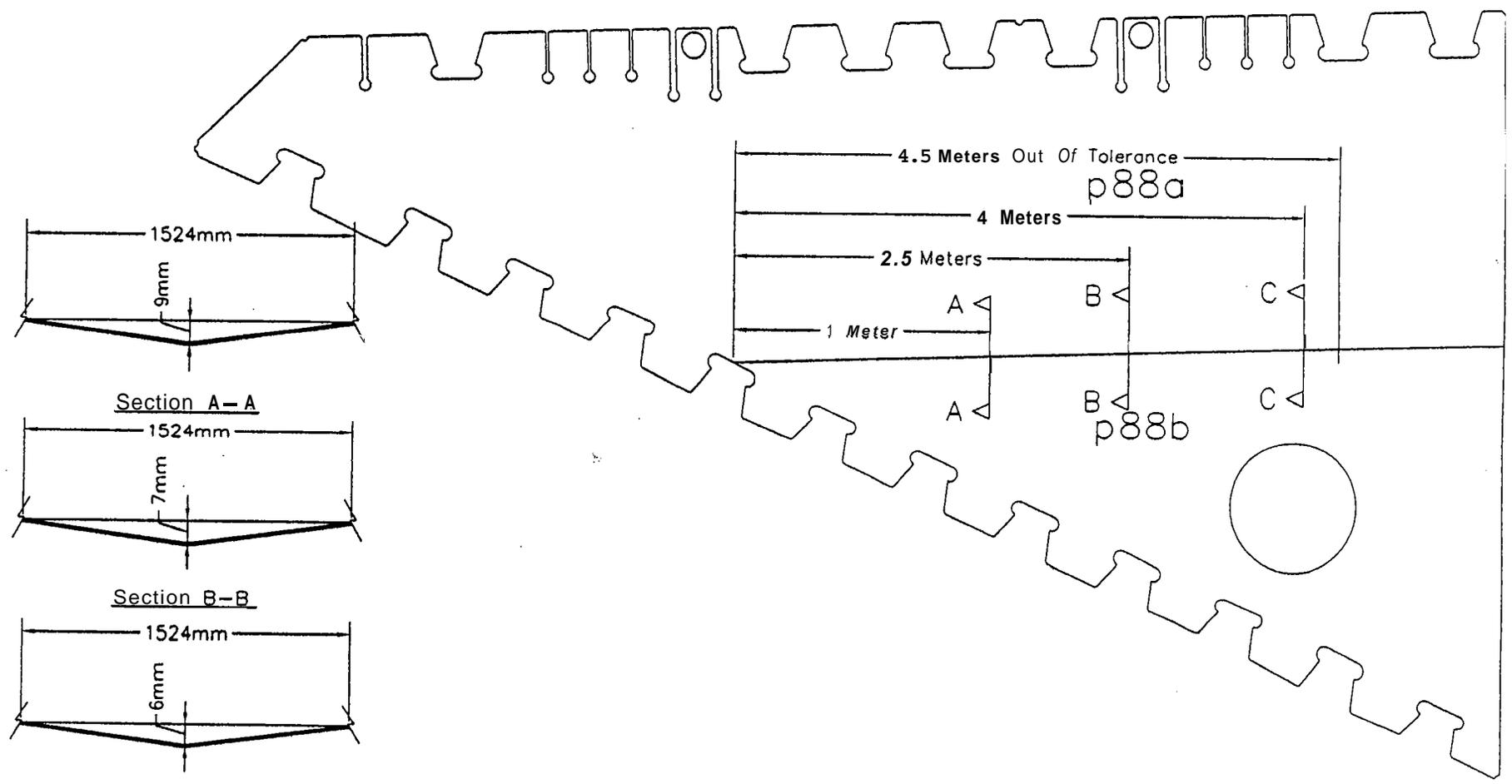
REF. CALTRANS  
NCR # 10

## Universal Structural, Inc NONCONFORMANCE REPORT

DATE: 2/16/04 Revised 3/12/04	INITIATOR: C. Amonson R. Seeley	DEPARTMENT: QC Production	NCR NUMBER: <b>04-10 rev. I</b>
JOB NUMBER: <b>23932</b>	JOB NAME : SFOBB	DRAWING 88 A/B	CODE/SPECIFICATION AWS D1.5 & Special Provisions
NONCONFORMANCE:			
<p>On Diaphragm Assembly number <b>pa88</b>:            There is angular distortion (out of flat), between sub-pieces p88a and p88b <b>as</b> shown on the attached sketch. This was caused when the weld between the sub-pieces was made. This is a non-fracture critical member. (Please Note: Out of six diaphragm assemblies, this is the only one with angular distortion from welding)</p>			
QA MANAGER C. Amonson		DATE: 3/12/04	
<p>RECOMMENDED DISPOSITION: Revised 3/12/04            The measurements indicated will need to be corrected as described in USIs' Heat Distortion Plan contained in USI Fabrication Plan already submitted. The portion of the Distortion Plan that applies to this repair is <b>as</b> follows:</p> <p>7. Should distortion be encountered that is unacceptable due to tolerances or fit up conditions, the following will apply</p> <ol style="list-style-type: none"> <li>a. Areas distorted by welding shall be straightened <b>by</b> application of a limited amount of localized heat with minimal mechanical assistance the temperature of heated areas shall not exceed <b>1100</b> degrees F. (<b>600</b> degrees C).</li> <li>b. All application of heat to base metal shall be controlled by using Temp Sticks or Thermocouples to <b>assure</b> that heat does not exceed allowable.</li> <li>c. Weld joints are to be heated on both sides, parallel to the weld. <b>This</b> line heat will be located approximately <b>1 to 3</b> inches <b>from</b> the weld joint on the outside of the surface that is distorted.</li> <li>d. Excessive distortion will require engineer approval prior to heating.</li> </ol>			
QA MANAGER C. Amonson	DATE 3/12/04	PROJECT MANAGER Brad Young	DATE 3/12/04
CUSTOMER	DATE		
QC	DATE	CUSTOMER	DATE

NCR 04-10  
REVISION 1

R  
-10 R1



PA88



**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
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February 20, 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 # 5.03.1-003673

**Subject: USI NCR No. 10 - Dimensional Tolerance for Flatness**

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

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

1. The Contractor is not maintaining dimensional tolerance for flatness per the Special Provisions on the piece **marked** diaphragm pa88. The piece is 31mm out of flatness, which exceeds the 5mm tolerance verified by Quality Control.

This NCR will be tracked as USI NCR **No. 10**. USI was verbally notified of this NCR by Caltrans' **METS** on 2/16/04. Please review and address how you plan to resolve this NCR and bring your work back into compliance with our contract.

If you have any questions, please call David **Wu** at 510-622-5104.

Sincerely,

*David W. Wu*

David Wu  
 Senior Bridge Engineer

For: Mr. Douglas Coe  
 Resident Engineer

<b>SKYWAY-BAY BRIDGE PROJECT</b>			
<small>KIEWIT / FCI / MANSON A JV</small>			
DATE: <i>2/20/04</i>	CD/JOB 364 3726		
ROUTED BY: <i>SBU</i>	NO. 04-012024		
TO: <i>R. Bienek</i>	SPECIAL NOTES: <i>Copy to Universal Structure</i>		
INTERNAL KFM COPIES TO			
<i>CA</i>			
EXTERNAL COPIES TO			
<i>USI</i>			
SCANNED: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FILED TO: <i>CT let 3613</i>		

cc: P. Lowry, D. Coe, L. Chang, I. Khinsann, V. Iyer, I. James, K. Balan, C. Permenter, D. Wu, S. Abbas, B. Chew, H. El-Natur, I. Kwong

file: 5.03.1, 9.07.8

**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

February 11, 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 # 5.03.1-006850*

*Subject: Response to KFM-SUB-003596R00: USI Documents Clearing USI KFM NCR #10R1*

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

The Engineer has reviewed KFM-SUB-003596R00: USI Documents Clearing USI KFM NCR #10R1. The Engineer agrees the Contractor has sufficiently addressed this NCR. As a result, USI NCR No. 10 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