



P.O. BOX 23223 Oakland, CA 94623  
 Phone (510) 4194120 / Fax (510) 839-0666

**LETTER OF SUBMITTAL**  
 KFM Skyway Project # 04-012024

Run Date 10-Feb-05  
 Time 8:42 AM

Dated: 09-Feb-2005

SUBMITTAL No: WM-SUB-003840

Rev: 00

To: Doug Coe

Co/Job # 3643726

Caltrans-Skyway Project  
 345 Burma Road

Contract # 04-012024

Oakland CA 94607  
 Phone: Fax:

Sub/Supplier: **USI**  
 Sub/Supplier No:

Subject: **USI** - Documents Clearing USI KFM NCR #76 (METS #62)

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

RESUBMITTAL/SUPPLEMENTAL REF:

We are sending the following attached items:  Attached

Via Fax

- |                                       |   |   |
|---------------------------------------|---|---|
| <input type="checkbox"/> Drawing      | <input checked="" 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	13-Dec-04	1	Letter of Transmittal #170		0	Pendina	1
02	09-Feb-05	1	<b>USI</b> - Documents Clearing USI KFM NCR #76 (METS #62)		0	Pendina	4

These are transmitted as checked below:

- |  |   |  |
|--|---|--|
| <input checked="" 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 : 16-Feb-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: 170

DATE: December 13, 2004

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 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"/> Plans        | <input type="checkbox"/> Specifications |

COPIES	ITEM	DESCRIPTION / REMARKS																
1 Original	NCR Response	Universal Structural, Inc. NCR LTR # 75.120904, KFM NCR # 75 <i>STATE LTR# 6249</i> <i>76</i>																
<table border="1"> <tr> <td colspan="2">SKYWAY-BAY BRIDGE PROJECT</td> </tr> <tr> <td colspan="2">KIEWIT / FCI / MANSON, A JV</td> </tr> <tr> <td>DATE: <i>2-9-05</i></td> <td>PROJECT: 164-3728</td> </tr> <tr> <td>ROUTED BY:</td> <td>NO: 04-012024</td> </tr> <tr> <td>TO: <i>RICH BIENEK</i></td> <td>SPECIAL NOTES</td> </tr> <tr> <td colspan="2">INTERNAL KEM 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: <i>2-9-05</i>	PROJECT: 164-3728	ROUTED BY:	NO: 04-012024	TO: <i>RICH BIENEK</i>	SPECIAL NOTES	INTERNAL KEM COPIES TO:		EXTERNAL COPIES TO:		SCANNED: Y N FILED TO:	
SKYWAY-BAY BRIDGE PROJECT																		
KIEWIT / FCI / MANSON, A JV																		
DATE: <i>2-9-05</i>	PROJECT: 164-3728																	
ROUTED BY:	NO: 04-012024																	
TO: <i>RICH BIENEK</i>	SPECIAL NOTES																	
INTERNAL KEM COPIES TO:																		
EXTERNAL COPIES TO:																		
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 is 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.



December 9, 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# 75.120904)

Subject: Response to Caltrans State Letter # 5.03.1-006249  
KFM NCR # 75

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.1-006249, dated December 07, 2004, Caltrans stated that:  
***"KFM's QCM and onsite representatives allowed USI to perform heat Straightening without the Engineer's approval. KFM applied three progressions of heat to stiffener p166b on diaphragm pa84. State Letter No. 4599 approved up to only two applications of heat for this stiffener."***

USI takes exception to this NCR and believes it should never have been issued. This should have been resolved with simple verbal communication and dealt with accordingly. The first and second heat straightening application was applied and witness by a State Representative, per State Letter 4599 on stiffener p166b. Upon review of this piece, it was felt a third application was required to bring this piece into proper tolerance. This was approved by KFM's representative, Jim Gill, along with Caltrans Representative, Pat Lowery. Please see attached copy of this verbal and written authorization. Please submit this cover letter and copy of authorization for the 3<sup>rd</sup> heat application to 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



Category III



HARDER MECHANICAL CONTRACTORS



60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

BLPH  
12/8/04

DEPARTMENT OF TRANSPORTATION

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



Flex Your Power  
Be Energy Efficient!

December 07, 2004

KFM, a JV  
220 Burma Road  
Oakland, CA 94607

*KFM NCR 76*

Contract: 04-012024  
04-SF, Ala-80-13.9/14.3, 0.0/1.6  
SFOBB Skyway Project  
State Letter # 5.03.1-006249

*Subject: KFM/USI NCR No. 62: Performing Heat Straightening Without Engineer's Approval*

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

This Non-Conformance Report (NCR) is issued by the State to KFM for the following reason:

- 1. KFM's QCM and onsite representatives allowed USI to perform heat straightening without the Engineer's approval. KFM applied three progressions of heat to stiffener p166b on diaphragm pa84. State Letter No. 4599 approved up to only two applications of heat for this stiffener.

This NCR will be tracked as KFM/USI NCR No. 62. KFM was verbally notified of this NCR by Caltrans' METS on 12/07/04. 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  
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



NCR # 19

5-17-04  
11:30

Ed Malcolm:

You have a verbal OK from Pat Lowery to do the 3<sup>rd</sup> heat application on pc 166b

Jim Gill

Jim Gill

all F/S vertical stiffeners  
are within tolerance for square off Diaphragm  
after 3<sup>rd</sup> heat on P166b K.E. 5-17-04

REF HSR # 04-14 R1

STATE LETTER # 5.03.1-004599

## DEPARTMENT OF TRANSPORTATION

SFOBB - Skyway Project  
345 Burma Road  
Oakland CA 94607

Facsimile Number: (510) 622-5165



Flex Your Power  
Be Energy Efficient!

May 26, 2004

KFM, a JV  
220 Burma Road  
Oakland, CA 94607

SKYWAY-BAY BRIDGE PROJECT	
KIEWIT / FCI / MANSON, A JV	
DATE: 5-28-04	COJOB 364-3726
ROUTED BY: SPJ	NO 04-012024
RE: R. Bienek	SPECIAL NOTES: Copy to Universal Structural
INTERNAL KFM COPIES TO:	
QA	
EXTERNAL COPIES TO: Contract: 04-012024	
USI	04-SE A a-80-13.9/14.3, 0.0/1.6
SCANNED: (Y) N	FILED TO: SUB 8881, SFOBB Skyway Project
	Rev 91 State Letter # 5.03.1-004599

**Subject: Response to KFM-SUB-002287R01: USI - Heat Straightening Request #14 Rev.1**

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

The State has reviewed KFM-SUB-002287R01: USI - Heat Straightening Request #14 Rev.1 regarding the quest to heat straighten stiffeners on Diaphragm pa84. The subject submittal is approved as noted with the following comments:

1. The State will allow USI to apply one progression of heat in accordance with USI's "Typical T-Joint Weld Distortion Repair Procedure" to the following stiffeners: p167bc, 167fL, and 167d. Heat straightening should occur in the presence of a State QA inspector. After the first progression of heat is applied, the measurements of the affected dimensions should be communicated to the State QA inspector on the shop floor. At this time, the State may approve the second progression of heat in accordance with the "Typical Butt Weld Distortion Repair Procedure." Subsequently, non-destructive testing (NDT) shall be performed in accordance with AWS D1.5 Section 6.7.3.
2. The quantity and extent of the distortion represented by this submittal concerns the State. The distortion represented is excessive. The State understands the fabricator had not implemented new distortion control measures detailed in revision 9 of USI's fabrication procedures prior to fabricating this material. The Contractor should conduct a thorough review of their revised Distortion Control Plan to ensure such distortion in the future is eliminated or at least minimized.

The following pieces are still rejected for excessive distortion until a satisfactory proposal is received by the State: 166b, 167d, 166d, 166k, 167gL, 168b, and 167vL. If the Contractor would like to move forward with the heat straightening requests proposed in this submittal for the rejected pieces, the State will agree to witness the application of up to 2 progressions of heat. The State emphasizes the Contractor is proceeding at his own risk and the witnessing of heat straightening should in no way be interpreted as acceptance of the material.

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



**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

March 02, 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 # 5.03.1-007023*

*Subject: Response to kfm-sub-003830r00, kfm-sub-003838r00, kfm-sub-003839r00, kfm-sub-003840r00, kfm-sub-003841r00*

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

The Engineer has reviewed the following submittals below:

- kfm-sub-003830r00: USI Documents Closing USI KFM NCR #54 (METS #40)
- kfm-sub-003838r00: USI Documents Closing USI KFM NCR #79 (METS #64)
- kfm-sub-003839r00: USI Documents Closing USI KFM NCR #87 (METS #72)
- kfm-sub-003840r00: USI Documents Closing USI KFM NCR #76 (METS #62)
- kfm-sub-003841r00: USI Documents Closing USI KFM NCR #77 (METS #63)

The Engineer agrees the Contractor has sufficiently addressed the subject NCRs. As a result, USI NCR No's 40, 64, 72, 62 and 63 are 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, 9.06.8