



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 8:31 AM

Dated: 19-Jan-2005  
 To: Doug Coe  
 Caltrans-Skyway Project  
 345 Burma Road  
 Oakland CA 94607  
 Phone: Fax:

SUBMITTAL No: KFM-SUB-003678 Rev: 00  
 Co/Job # 364-3726  
 Contract# 04012024  
 Sub/Supplier: **USI**  
 Sub/Supplier No:

Subject: **USI** - Documents Clearing **USI** KFM NCR #45 (METS 31)

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#234		0	Pending	1
02	19-Jan-05	1	<b>USI</b> - Documents Clearing <b>USI</b> WM NCR #45 (METS 31)		0	Pending	4

These are transmitted as checked below:

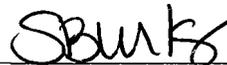
- For Approval  For Review/comment  Return For Correction
- For Your Use  As Requested  For Information

Remarks:

CC:

Please review / approve by : 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: 234

DATE: January 12, 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 type="checkbox"/> Prints | <input type="checkbox"/> NCR Responses - Re-Submit |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input type="checkbox"/> Change order | <input type="checkbox"/> Plans  | <input type="checkbox"/> Specifications            |

COPIES	ITEM	DESCRIPTION / REMARKS																
1 Original	NCR Response	Caltrans State Letter # 5.03.01-004828 USI Letter # 45.110804 KFM NCR # 45																
		<table border="1"> <tr> <td colspan="2" style="text-align: center;"><b>SKYWAY BAY BRIDGE PROJECT</b></td> </tr> <tr> <td colspan="2" style="text-align: center;">KIEWIT / FCI / MANSON, A JV</td> </tr> <tr> <td>DATE: 1-19-05</td> <td>Project: 364-3726</td> </tr> <tr> <td>ROUTED BY:</td> <td>NO. OF COPIES:</td> </tr> <tr> <td>TO: RICH BIENEK</td> <td>SPECIAL NOTES:</td> </tr> <tr> <td colspan="2" style="text-align: center;">INTERNAL KFM COPIES TO:</td> </tr> <tr> <td colspan="2" style="text-align: center;">EXTERNAL COPIES TO:</td> </tr> <tr> <td colspan="2">SCANNED: Y N FILED TO:</td> </tr> </table>	<b>SKYWAY BAY BRIDGE PROJECT</b>		KIEWIT / FCI / MANSON, A JV		DATE: 1-19-05	Project: 364-3726	ROUTED BY:	NO. OF COPIES:	TO: RICH BIENEK	SPECIAL NOTES:	INTERNAL KFM COPIES TO:		EXTERNAL COPIES TO:		SCANNED: Y N FILED TO:	
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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,

9010 E. Victoria Ave  
Portland, OR 97266

Box 1000  
J. VAN BUREN

Portland, OR 97208  
Phone (503) 257-2419  
Fax (503) 257-0990

November 8, 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# 45.110804)

Subject: Response to Caltrans State Letter # 5.03.01-004828  
KFM NCR #45

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.01-004828, dated June 21, 2004, Caltrans stated:

*"On 06/15/04 the State QA Inspector Joe Adame observed the welding and nondestructive testing of closed rib production partial joint penetration welds which is not in conformance with the Contract documents. During the QA Ultrasonic Testing (UT) of Assembly Pa 45, Weldjoint 7, QA discovered a reject able indication (less than 80% penetration) in an area previously inspected and accepted by USI Ultrasonic inspectors. The area was approximately 11mm long and 1.8 mm of incomplete penetration (77% penetration). QA plotted the area and physically marked the area in orange paint marker."*

Please see the attached letter responding 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: file



Category III

HARDER MECHANICAL CONTRACTORS





**Universal Structural, Inc.**

November 5, 2004

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

Re: Caltrans State Letter 5.03.1-004828, USI NCR No. 31

Dear Mr. Hegarty:

This NCR refers to areas marked acceptable by *QC*, for ultrasonic inspection and later found unacceptable by *QA*.

Weld was inspected for **100%** of the weld length by Ultrasonic Examination. An Ultrasonic Test Report was generated identifying this weld joint as “rejectable”.

The indications noted were verified by the **USI QC** department. This Inspector is no longer employed by Universal Structural, Inc.

**Any** subsequent repair has been put on hold per Caltrans approval of weld repair procedure, thus **USI NCR No. 31** should be closed.

\_\_\_\_\_  
\_\_\_\_\_  
|

BL FH  
6/22/04

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

KFM 45

Contract: 04-012024  
04-SF, Ala-80-13.9/14.3, 0.0/1.6  
SFOBB Skyway Project  
State Letter # 5.03.1-004828

**Subject: USI NCR No. 31: Nondestructive Testing of Closed Rib Production Partial Joint Penetration Welds Not in Conformance with Contract Documents**

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 06/15/04, the State **QA** Inspector **Joe** Adame observed the welding and nondestructive testing of closed **rib** production partial joint penetration welds which is not in conformance with the Contract documents. During **QA** Ultrasonic Testing (UT) of Assembly Pa 45, Weld joint 7, **QA** discovered a rejectable indication (less than **80%** penetration) in an area previously inspected and accepted by USI Ultrasonic inspectors. **The** area was approximately 11mm long **and has** 1.8mm of incomplete penetration (77% penetration). **QA** plotted the area and physically **marked** the area in orange paint marker.

This NCR **will** be tracked as USI NCR No. **31**. USI was verbally notified **of** this NCR by Caltrans' **METS** on 06/15/04. 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



**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 # 5.03.1-006877*

*Subject: Response to KFM-SUB-003678R00: USI Documents Clearing USI KFM NCR #45 (METS 31)*

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

The Engineer has reviewed KFM-SUB-003678R00: USI Documents Clearing USI KFM NCR #45 (METS 31). The Engineer agrees the Contractor has sufficiently addressed this NCR. As a result, USI NCR No. 31 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