



P.O. BOX 23223 Oakland, CA 94623  
Phone (510) 839-0120 / Fax (510) 839-0666

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

Run Date 09-Mar-05  
Time 3:50 PM

Dated: 09-Mar-2005

SUBMITTAL No: WM-SUB-004011

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 - Documents Clearing USI KFM NCR #98 (METS 83)**

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	03-Mar-05	1	Letter of Transmittal#399		0	Pending	1
02	03-Mar-05	1	USI - Documents Clearing USI KFM NCR #98 (METS 83)		0	Pending	3

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 : 16-Mar-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: 399

DATE: March 3, 2005

PROJECT: SFOBB Skyway Structure

JOB NO.: 23932

ATTENTION: Paul Hegarty / Rich Bienek

TO: KFM

220 Burma Road  
Oakland, CA 94607

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

1 Original	NCR Response	Caltrans State Letter # 5.03.01-006989 USI Letter # 98.030305, KFM NCR # 98
1 Original	NCR Response	Caltrans State Letter # 5.03.01-006990 USI Letter # 99.030305, KFM NCR #99

**SKYWAY-BAY BRIDGE PROJECT**  
KIEWIT - FCI / MANSON, A JV

DATE: 3-7-05 (C)/JOB: 164-3726

ROUTED BY: [ ] (REV: 04-01-2004)

TO: RICH BIENEK SPECIAL NOTES

INTERNAL KFM COPIES TO:


EXTERNAL COPIES TO:


SCANNED: Y N FILED TO:

THESE ARE TRANSMITTED AS CHECKED BELOW

<input type="checkbox"/> For Approval	<input checked="" type="checkbox"/> For your use	<input type="checkbox"/> As Requested	<input type="checkbox"/> 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 98661

P.O. Box 1030  
Vancouver, WA 98566

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

March 3, 2005

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# 98.030305)

Subject: Responseto Caltrans State Letter # 5.03.01-006989, DTD 2/25/05  
KFM NCR #98

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.01-006989 dated February 25, 2005.  
Caltrans stated:

*"The State QA inspector observed identified five planar type (crack-like) indications in the closed rib partial joint penetration (PJP) groove welds. These indications were found on Girder 2A wing plate pa26 (weld joints 13, 24 and 26) during a random 10% verification scan and had not been reported by quality control (QC)."*

USI confirmed that these indications were in fact rejectable and were in need of repair. The locations noted are outside of repairs area and were miss-interpreted during the original UT. USI is continuously training Level II UT inspectors in defect identification in hopes that these areas will no longer be identified incorrectly. USI has issued CWR 05-008R2 for repair; see copy. Along with submitting this CWR, all applicable information was attached to it. Please review and submit to Caltrans for 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 - USlee  
file



Category III

A Subsidiary of  
HARDER MECHANICAL CONTRACTORS



## DEPARTMENT OF TRANSPORTATION

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



Flex Your Power  
 Be Energy Efficient!

February 25, 2005

KFM, a JV  
 220 Burma Road  
 Oakland, CA 94607

*KFM NCR  
 98*

Contract: **04-012024**  
**04-SF, Ala-80-13.9/14.3, 0.0/1.6**  
 SFOBB Skyway Project  
 State Letter # 5.03.1-006989

**Subject: USINCR No. 83: Failure of QC to Report Planar Type Indications in Closed Rib PJP welds**

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

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

1. The State QA inspector identified five planar type (crack-like) indications in the closed rib partial joint penetration (PJP) groove welds. These indications were found on Girder **2A** wing plate **pa26** (weld joints **13, 24** and **26**) during a random 10% verification scan and had not been reported by quality control (QC).

This NCR will be tracked as USI NCR No. 83. USI ~~was~~ verbally notified of this NCR by Caltrans' **METS** on **02/11/05**. 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** or Patrick Lowry at (858) **344-2712**.

Sincerely,

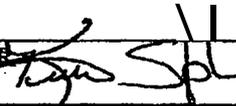
David Wu  
 Senior Bridge Engineer

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

# Universal Structural, Inc CRITICAL WELD REPAIR

DATE:	INITIATOR	DEPARTMENT	CWR NUMBER:
February 16, 2005	Tony Gross	QC	05-008R2
JOB NUMBER.	JOB NAME.	DRAWING	CODE/SPECIFICATION
23932	SFOBB	26	AWS D1.5
<p><b>NONCONFORMANCE:</b>          As shown on attached USI-QC Weld Repair Tracking sheets # 0921,0923. Volumetric indications were found in the ultrasonic test performed by CALTRANS representative Mark Wright on Wing plate pa26, weld joints #24,26. USI confirmed that these indications were in fact rejectable and in need of repair. The locations noted are outside of repairs areas and were mis-interpreted during the original ultrasonic testing. USI is continuously training Level II UT inspectors in defect identification in hopes that these areas will no longer be identified incorrectly. The attached weld map illustrates the location and sizes of the discontinuities. See attached procedure.</p>			
<p><b>RECOMMENDED DISPOSITION:</b></p> <ol style="list-style-type: none"> <li>1. Engineer to evaluate applicable repair weld map to determine repair.</li> <li>2. Repair to proceed in accordance with the attached procedure.</li> <li>3. All repairs limited to approved SAW or FCAW WPS, for this weld.</li> </ol>			
QA MANAGER	DATE	PLANT MANAGER	DATE
K. Stephenson 	2/16/05	Ralph Seeley	2/16/05
<b>DISPOSITION COMPLETED:</b>			
FINAL REVIEW			DATE

COMMENTS: Verbal OK to repair with concerns about QC  
missing rejects. 2-18-05 JH

**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

April 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 # 5.03.1-007461*

*Subject: Response to kfm-sub-002327r03, kfm-sub-003140r01, kfm-sub-003143r01, kfm-sub-004011r00, kfm-sub-004012r00, kfm-sub-003017r03, kfm-sub-004094r00, kfm-sub-004095r00, kfm-sub-004117r00, kfm-sub-004141r00*

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

The Engineer has reviewed the following submittals and takes no exceptions:

- kfm-sub-002327r03: USI Documents Clearing Heat Straightening Request 04-15R2
- kfm-sub-003140r01: USI Documents Clearing Heat Straightening Request 04-35
- kfm-sub-003143r01: USI Documents Clearing Heat Straightening Request 04-38
- kfm-sub-004011r00: USI Documents Clearing USI KFM NCR #98 (METS 83)
- kfm-sub-004012r00: USI Documents Clearing USI KFM NCR #99 (METS 84)
- kfm-sub-003017r03: USI Documents Clearing Critical Weld Repair Report 04-70R2
- kfm-sub-004094r00: USI Documents Clearing USI KFM NCR #95 (METS 80)
- kfm-sub-004095r00: USI Documents Clearing USI KFM NCR #105 (METS 90)
- kfm-sub-004117r00: USI Documents Clearing USI KFM NCR #94 (METS 79)
- kfm-sub-004141r00: USI Documents Clearing USI KFM NCR #91 (METS 76)

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, D. Salladay  
file: 5.03.1, 9.07.8