



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 31-May-05  
 Time 3:50 PM

Dated: 31-May-2005

SUBMITTAL No: KFM-SUB-004574

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 NCR 109 (METS NCR 94)

Special Provis. (SP) REF: 10-1.31  
 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	27-May-05	1	USI - Documents Clearing NCR 109 (METS NCR 94)		0	Pending	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 : 07-Jun-2005

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

Checked & Sent By:   
 Contract Admin/DCS Staff



# 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

May 27, 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# 109.052705)

Subject: Response to Caltrans State Letter #5.03.1-007404, DTD 04/05/05  
KFM NCR #109

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. has received Caltrans State Letter #5.03.1-007404, dated April 05, 2005. Caltrans stated:

*"During a 10% random verification of the closed rib partial joint penetration groove welds, the State QA inspector identified lack of penetration in the closed rib partial joint penetration groove welds on web plate pa46. QA found three separate indications on weld joint 3 and one indication on weld joint 17. Quality control did not report these indications."*

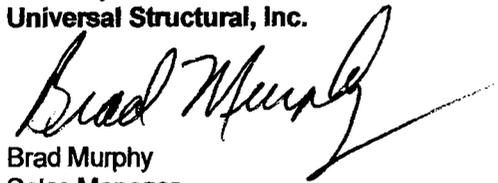
USI verified that the ultrasonic indications found by METS/Caltrans personnel. USI agrees with their findings and the responsible UT Technician has been counseled. The indications were noted, CWR produced and the repairs has been made.

Please see copy of:

- Copy of State Letter # 5.03.1-007404
- USI's copy of CWR #05-052R1A1
- Copy of USI's Ultrasonic Test Report

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: USI 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!

April 05, 2005

KFM, a JV  
220 Burma Road  
Oakland, CA 94607

Contract: 04-012024  
04-SF, A1a-80-13.9/14.3, 0.0/1.6  
SFOBB Skyway Project  
State Letter # 5.03.1-007404

KFM ncr # 109

**Subject: USI NCR No. 94: Failure to Report Lack of Penetration in Closed Rib Partial Joint Penetration Groove 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. During a 10% random verification of the closed rib partial joint penetration groove welds, the State QA inspector identified lack of penetration in the closed rib partial joint penetration groove welds on web plate pa46. QA found three separate indications on weld joint 3 and one indication on weld joint 17. Quality control did not report these indications.

This NCR will be tracked as USI NCR No. 94. USI was verbally notified of this NCR by Caltrans' METS on 03/22/05. 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,

A handwritten signature in cursive script that reads "David Wu".

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

# Universal Structural, Inc CRITICAL WELD REPAIR

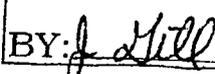
DATE:	INITIATOR	DEPARTMENT:	CWR NUMBER:
March 28, 2005	Tony Gross	QC	05-052R1A1
JOB NUMBER:	JOB NAME:	DRAWING	CODE/SPECIFICATION
23932	SFOBB	46	AWS D1.5
<b>NONCONFORMANCE:</b>			
<p>As shown on attached USI-QC Weld Repair Tracking Sheets# 1404-1405. LOP indications were found by CALTRANS representative Mr. Mark Wright, USI verified the indications are legitimate and even though USI could not obtain the same UT severity, USI agrees that the indications should have been reported. The attachments illustrate the location and sizes of the discontinuities. See attached procedure.</p> <p><i>The statement above referring to USI being unable to obtain the same severity as CALTRANS, only refers to the difference in UT equipment and operators. The areas identified were also sandblasted prior to USI evaluation. After further conversations with Mr. Mark Wright and Dave McClary, the areas were again UT'ed by Mr. Wright after blast and his findings were more in line with USI's.</i></p>			
<b>RECOMMENDED DISPOSITION:</b>			
<ol style="list-style-type: none"> <li>1. Engineer to evaluate applicable UT reports to determine repair.</li> <li>2. Repair to proceed in accordance with the attached procedure.</li> <li>3. All repairs limited to approved SAW for this weld.</li> <li>4. QCM to counsel responsible UT technician.</li> </ol>			
QA MANAGER	DATE	PLANT MANAGER	DATE
K. Stephenson 	3/28/05	Ralph Seeley	3/28/05
<b>DISPOSITION COMPLETED:</b>			
FINAL REVIEW			DATE
			MAY 25 2005

**Comments:** Verbal OK to proceed with repairs to LOP  
of 2-15 x 1 @ weld joint #3 and 2-15 x 1 @ weld  
joint # 17 only

**RECEIVED**

1515

MAR 28 2005

BY: 



**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

June 23, 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 # 5.03.1-008111*

*Subject: Response to KFM-SUB-004572R00, KFM-SUB-004573R00, KFM-SUB-004571R00, KFM-SUB-004574R00, KFM-SUB-004586R00, KFM-SUB-004587R00, KFM-SUB-004588R00*

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

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

- KFM-SUB-004572R00: USI Documents Clearing NCR 135 (METS NCR 127)
- KFM-SUB-004573R00: USI Documents Clearing NCR 136 (METS NCR 129)
- KFM-SUB-004571R00: USI Documents Clearing NCR 134 (METS NCR 121)
- KFM-SUB-004574R00: USI Documents Clearing NCR 109 (METS NCR 94)
- KFM-SUB-004586R00: USI Documents Clearing NCR 146 (METS NCR 135)
- KFM-SUB-004587R00: USI Documents Clearing NCR 145 (METS NCR 134)
- KFM-SUB-004588R00: USI Documents Clearing NCR 142 (METS NCR 131)

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, 9.06.8