



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 04-Aug-05  
 Time 3:19 PM

Dated: 04-Aug-2005

SUBMITTAL No: KFM-SUB-004999

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: 926

Subject: USI - Documents Clearing KFM NCR #175 (METS #162)

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	02-Aug-05	1	USI - Documents Clearing KFM NCR #175 (METS #162)		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 : 11-Aug-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) 596-3590

August 2, 2005

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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# 175.080205)

Subject: Response to Caltrans State Letter #5.03.1-008305, DTD 07/19/05  
KFM NCR #175

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. has received Caltrans State Letter #5.03.1-008305, dated July 19, 2005. Caltrans stated:

*"KFM's quality control manager and onsite representatives allowed USI to weld fillet welds in the 2F position, utilizing Lincoln Ultra-core wire without an approved welding procedure specification (WPS). USI does not have a WPS for this wire in the 1F or 2F position."*

Please review the attached letter from USI's Chris Amonson, QC Welding Engineer 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!*

July 19, 2005

KFM, a JV  
220 Burma Road  
Oakland, CA 94607

*KFM NCR  
175*

Contract: 04-012024  
04-SF, Ala-80-13.9/14.3, 0.0/1.6  
SFOBB Skyway Project  
State Letter # 5.03.1-008305

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*Subject: KFM/USI NCR No. 162: Welding Without Approved Welding Procedure Specification*

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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. KFM'S quality control manager and onsite representatives allowed USI to weld fillet welds in the 2F position, utilizing Lincoln Ultra-core wire without an approved welding procedure specification (WPS). USI does not have a WPS for this wire in the 1F or 2F position.

This NCR will be tracked as KFM/USI NCR No. 162. KFM/USI was verbally notified of this NCR by Caltrans' METS on 07/13/05. 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,

<<< ORIGINAL SIGNED >>>

David Wu  
Senior Bridge Engineer

For: Mr. Douglas Coe  
Resident Engineer

cc: P. Lowry, D. Coe, D. Wu, B. Chew, V. Iyer, I. Kwong, D. Salladay

file: 5.03.1, 9.03.8



**Universal Structural, Inc.**

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July 26, 2005

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

Re: METS NCR number: 162  
Contract 04-012024  
State Letter # 5.03.1-8305

Dear Mr. Hegarty:

This NCR states that a USI allowed production welding of horizontal fillet welds with Lincoln UltraCore electrode without an approved WPS. At the time the fillet welds were made, the parameters for voltage, amperage, and the travel speed of the arc had been established. However, macroetch tests of sample fillet welds had not yet been performed.

This has subsequently been completed and the welding procedure was submitted as WQCP addendum number 119. This addendum has been verbally approved.

Sincerely,

Christopher Amonson  
QC Welding Eng.

attachments

Date: July 25, 2005

# MEMO

To: Rich Bienek

From: Chris Amonson

Project: SFOBB

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Subject: WQCP Addendum # 119

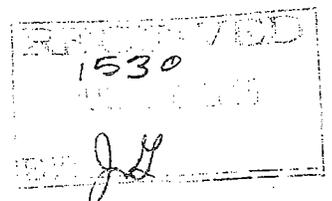
Re: Additional WPSs

This package contains the following:

- 1) Nine copies of WPS FCM-51A,52A- Fillet
- 2) Nine copies of WPS-51A,52A-Fillet
- 3) Nine copies of the supporting PQR:  
PQR-FCM-51D,52D Rev 1

(PQRs: FCM-51A Rev 2 and PQR-52A were previously submitted.)

*Verbal OK from Caltrans  
7-26-05  
JH*



**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

August 19, 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 # 5.03.1-008516*

*Subject: Response to KFM-SUB-003195R03 KFM-SUB-004086R01, KFM-SUB-004779R00, KFM-SUB-004529R01, KFM-SUB-004834R00, KFM-SUB-004831R00, KFM-SUB-004336R05, KFM-SUB-004892R00, KFM-SUB-004996R00, KFM-SUB-004997R00, KFM-SUB-004998R00, KFM-SUB-004999R00*

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

The Engineer has reviewed the following submittals which are approved:

- KFM-SUB-003195R03: USI Documents Clearing Critical Weld Repair 04-83
- KFM-SUB-004086R01: USI Documents Clearing Critical Weld Repair Report 05-88
- KFM-SUB-004779R00: USI Documents Clearing NCR 156 (METS NCR 146)
- KFM-SUB-004529R01: USI Closing Documents for KFM NCR 133 (METS NCR 120) – Response to STL 8112
- KFM-SUB-004834R00: Documents Clearing KFM USI NCR 170 (METS 160)
- KFM-SUB-004831R00: Documents Clearing KFM USI NCR 168 (METS NCR 158)
- KFM-SUB-004336R05: USI Documents Clearing CWR 05-159R5
- KFM-SUB-004892R00: USI Documents Clearing NCR 101 (METS 86)
- KFM-SUB-004996R00: USI Documents Clearing NCR 176 (METS NCR 165)
- KFM-SUB-004997R00: USI Documents Clearing KFM/OIW NCR 177 (METS NCR 164)
- KFM-SUB-004998R00: USI Documents Clearing KFM/OIW NCR 183 (METS NCR 173)
- KFM-SUB-004999R00: USI Documents Clearing KFM NCR 175 (METS 162)

State Letter #:5.03.1-008516  
KFM, a JV  
August 19, 2005  
Page 2 of 2

Contract: 04-012024  
04-SF, Ala-80-13.9/14.3, 0.0/1.6  
SFOBB Skyway Project

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

Sincerely,

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David Wu  
Senior Bridge Engineer

For: Mr. Douglas Coe  
Resident Engineer

cc: P. Lowry, D. Coe, D. Wu, B. Chew, V. Iyer, I. Kwong, D. Salladay

file: 5.03.1, 9.03.8