



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 08-Feb-05*  
*Time 4:42 PM*

**Dated: 08-Feb-2005**

**SUBMITTAL No: KFM-SUB-003830**

**Rev: 00**

**To: Doug Coe**  
 Caltrans-SkywayProject  
 345 Burma Road  
 Oakland CA 94607  
 Phone: Fax:

**Co/Job # 364-3726**  
**Contract# 04-012024**  
**Sub/Supplier: USI**  
**Sub/Supplier No:**

**Subject: USI - Documents Closing USI KFM NCR #54 (METS #40)**

**Special Provis. (SP) REF: 083.01**  
**Standard Spec. (SS) REF:**

**RESUBMITTAL/SUPPLEMENTAL REF:**

**We are sending the following attached items:**  Attached

V i Fax

- Drawing
- Samples
- Payroll
- Change Order

- Plans
- Certificates of Compliance
- Specs
- Schedule

- Prog. Prnt
- Calculations
- Copy of Letter
- Invoice

Item	Date	Copies	Description	Drawing No	Rev	status	Pages
01	08-Feb-05	1	Letter of Transmittal #301		0	Pending	1
02	08-Feb-05	1	USI - Documents Closing USI KFM NCR #54 (METS #40)		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 :** 15-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, MC.

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:** 301

**DATE:** February 7, 2005

**PROJECT:** SFOBB Skyway Structure

**JOB NO.:** 23932

**ATTENTION:** Rich Beinek

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

Quantity	Description	Notes
1 Original	NCR Response	Caltrans State Letter # 5.03.01-005069, USI Letter # 54.020305, KFM NCR #54
1 Original	NCR Response	(Caltrans State Letter # 5.03.01-005714, USI Letter # 57.020305, KFM NCR # 57

  

<b>SKYWAY-BAY BRIDGE PROJECT</b>	
KIEWIT / FCI / MANSON A JV	
DATE: 2-8-05	CO/JOB 364-3726
ROUTED BY:	NO 04-012024
TO: RICH BIENEK	SPECIAL NOTES
INTERNAL KFM 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 and the following attachments; with the individual cover letter is USI's record of subsequent action taken.

Copy To:

Signed:

*Brad Murphy*  
Brad Murphy

If enclosures are not as noted, kindly notify us at once.



# UNIVERSAL STRUCTURAL, INC.

604 S E Victory Ave  
Vancouver, WA 98661

PO Box 1030  
Vancouver, WA 98666

Vancouver (360) 695-1261  
Portland (503) 227-2419  
FAX (350) 696-3590

February 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# 54.020305)

Subject: Response to Caltrans State Letter # 5.03.1-005069  
KFM NCR # 54

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.1-005069, dated July 26, 2004, Caltrans stated that:

*"KFM's quality control manager failed to properly address the high rejection rate of flux core arc welding (FCAW) performed by Steve Pulido. The State QA inspector investigated recent FCAW welding on pipe sleeve diaphragm assemblies pa57 and pa84 and observed an abnormally high rejection rate performed by the subject welder. The special Provisions, Section 8 3 (revised page no. 76) states, "The QCM shall be responsible directly to the Contractor for the quality of welding, including materials and workmanship, performed by the Contractor and subcontractors."*

The above referenced welder was removed from doing any welding on the above-mentioned assemblies. The Weld Foreman, QC Inspectors, along with the welder Steve Pulido, have been properly notified and further training in proper welding procedures was completed. USI has also implemented a procedure for welding on these pipe sleeve diaphragm (see copy of QA/QC Memorandum). 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: Brad Young - USI  
file



Category III

A Subsidiary of  
HARDER MECHANICAL CONTRACTORS



BL  
PH 7/28/04

DEPARTMENT OF TRANSPORTATION

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



Flex Your Power  
Be Energy Efficient!

July 26, 2004

KFM, a JV  
220 Burma Road  
Oakland, CA 94607

KFM NCR 54

Contract: 04-012024  
04-SF, Ala-80-13.9/14.3, 0.0/1.6  
SFOBB Skyway Project  
State Letter # 5.03.1-005069

**Subject: KFM/USI NCR No. 40: Failure of KFM's QCM to Address High Rejection Rate of Flux Core Arc Welding**

~~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 quality control manager failed to properly address **the** high rejection rate of flux **core** arc welding (FCAW) performed by welder Steve Pulido. The State QA inspector investigated recent FCAW welding on pipe sleeve diaphragm assemblies pa57 and pa84 and observed an abnormally high rejection rate performed by the subject welder. The Special Provisions, Section 8-3 (revised page no. 76) states, "The QCM shall be responsible directly to the Contractor for **the** quality of welding, including materials and workmanship, performed by the Contractor and subcontractors."

This NCR will **be** tracked as USI NCR No. 40. USI **was** verbally notified of this NCR by Caltrans' **MEIS** on 07/23/04. 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



## The Harder Companies

### QA/QC MEMORANDUM

**Date:** January 3, 2005  
**To:** Universal Structural Quality Control Department  
**From:** Mark Nastari / Corporate Quality Manager  
**Subject:** Multiple Weld Repairs on Hinge Pipe Diaphragms

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Due to the multiple ~~numbers~~ of repair attempts on the pa57 and pa84 hinge pipe diaphragms, the following plan shall be implemented immediately:

1. Each repair attempt shall be monitored III-time, including excavation by a dedicated QC Inspector.
2. Each repair cavity shall be **100%** Informational MT examined.
3. Craft shall designate a repair welder who **has** demonstrated skills in FCAW repairs.
4. For welds requiring critical repairs, all UT indications within the "6 db" acceptance criteria shall also be excavated.
5. Informational MT examination shall be performed on each and every weld pass.

  


**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