



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 12-Jan-05*  
*Time 2:15 PM*

**Dated:** 12-Jan-2005

SUBMITTAL No: KFMSUB-003636

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 #51 (METS #37)

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	DrawingNo	Rev	Status	Pages
01	12-Jan-05	1	Letter of Transmittal #156		0	Pending	1
02	12-Jan-05	1	USI - Documents Clearing USI W M NCR #51 (METS #37)		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 : 19-Jan-2005 \_\_\_\_\_

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

Checked & Sent By: SBW  
 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: 156

DATE: December 2, 2004

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	Universal Structural, Inc. NCR LTR # 49.1 12904, KFM NCR #49
1 Original	NCR Response	(Universal Structural, Inc. NCR LTR # 51.1 13004, KFM NCR #51)

SKYWAY-BAY BRIDGE PROJECT KIEWIT / ECL / MANSON, A JV	
DATE: 12-8-04	CO/JOB 364-3726
ROUTED BY:	NO 04-11-2024
TO: RICH BIENEK	SPEC. 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's and the following attachments; with individual cover letters 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

P.O. Box 1030  
Vancouver, WA 98666

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

November 30, 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# 51.113004)

Subject: Response to Caltrans State Letter # 5.03.1-004977  
KFM NCR # 51

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.1-004977, dated July 09, 2004. Caltrans stated that:

***"USI performed welding of the closed rib partial joint penetration (PJP) welds on Assembly 2A, pa22 wing plate, weld joints 4 through 17 without performing a production monitoring test as required in the approved Orthotropic Tub Girder Fabrication Procedure (KFM-SUB-000391R08)."***

USI's Fabrication Procedure Rev. 9, dated 5/7/04, under the wing plate assembly, item 18, states "Complete all required welding using approved procedure. (Note: Special attention is directed to "Closed Rib 500 mm Testing Procedure.") Under the section "Closed Rib 500 mm Testing Procedure" it states that "During production welding all welds on the rib sections shall be monitored as required in the Special Provisions to the Contract." The fabrication procedure did not require monitoring tests on the "wing plates". However, Caltrans on site representatives did require ~~these~~ tests and this NCR is an example of Caltrans position at that time. USI now has conformation from Caltrans stating that monitoring tests are only required on the deck panels.



Category III

A Subsidiary of  
HARDER MECHANICAL CONTRACTORS



**UNIVERSAL STRUCTURAL, INC.**

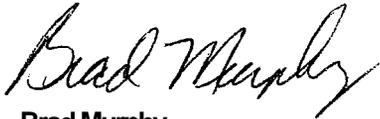
SFOBB Skyway Project  
USI # 23932

December 3, 2004

As a result, please request a State Letter from Caltrans closing this NCR.

If you have any questions or need further clarification, please contact me at your earliest possible convenience.

Sincerely,  
Universal Structural, Inc.

A handwritten signature in black ink that reads "Brad Murphy". The signature is written in a cursive, flowing style.

Brad Murphy  
Sales Manager

cc: Brad Young - USI  
file

METS NCR # 37

BLPH 7/9/04

STATE OF CALIFORNIA-BUSINESS, TRANSPORTATION AND HOUSING AGENCY

ARNOLD SCHWARZENEGGER, Governor

**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

July 09, 2004

**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 # 5.03.1-004977

*Subject: USI NCR No. 37: Performing Welding of Closed Rib PJP Weld Without Performing a Production Monitoring Test*

Dear **Mr. Skoro**,  
Attention: Paul Hegarty,

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

USI **performed** welding of the closed **rib partial** joint penetration (**PJP**) welds on **Assembly 2A**, pa22 wing plate, **weld joints 4 through 17** without performing a production monitoring test **as required** in the approved **Orthotropic Tub Girder Fabrication Procedure (KFM-SUB-000391R08)**.

This **NCR** will be tracked as **USI NCR No. 37**. USI was verbally notified of this **NCR** by Caltrans' **METS** on **07/01/04**. 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*

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 # 5.03.1-006871*

*Subject: Response to KFM-SUB-003636R00: USI Documents Clearing USI KFM NCR #51 (METS #37)*

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

The Engineer has reviewed KFM-SUB-003636R00: USI Documents Clearing USI KFM NCR #51 (METS #37). The Engineer takes exception to the Contractor's statement, "The fabrication procedure did not require monitoring tests on the "wing plates." Page 30 of 109 of the approved Fabrication Procedures at the time of the NCR (KFM-SUB-391R8) referenced the "Closed Rib 500 mm Testing Procedure" for wing plates. The Engineer is satisfied the Contractor has satisfactorily resolved this NCR as a result of State Letter #5175 approving KFM-SUB-391R9. USI NCR No. 37 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