



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 13-Jan-05
Time 9:30 AM

Dated: **13-Jan-2005**

SUBMITTAL No: KFMSUB-003641

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 #75 (METS 61)

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
- Samples
- Payroll
- Change Order

- Plans
- Certificates of Compliance
- Specs
- Schedule

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

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	13-Jan-05	1	Letter of Transmittal#189		0	Pending	1
02	13-Jan-05	1	USI - Documents Clearing USI KFM NCR #75 (METS 61)		0	Pending	2

These are transmitted as checked below:

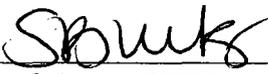
- For Approval
- For Review/comment
- Return For Correction
- For Your Use
- As Requested
- For Information

Remarks:

CC:

Please review / approve by : 20-Jan-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

OF TRANSMI

NO: 189

DATE: December 17, 2004

PROJECT: SFOBB Skyway Structure

JOB NO.: 23932

ATTENTION: Paul Hegarty /

Rich Bienek

TO: KFM

220 Burma Road

Oakland, CA

WE ARE SENDING YOU

- | | | | | |
|---|---------------------------------------|---------------------------------------|---------------------------------|---|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> ATTACHED | <input type="checkbox"/> Prints | <input type="checkbox"/> Prints | <input type="checkbox"/> NCR Responses |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input type="checkbox"/> Change order | <input type="checkbox"/> Plans | <input type="checkbox"/> Specifications |

COPIES	ITEM	DESCRIPTION/ REMARKS																
1 Original	NCR Response	Caltrans State Letter # 5.03.01-006176 KFM NCR # 74 74 75																
1 Original	NCR Response	Caltrans State Letter # 5.03.01-004893 KFM NCR # 47																
1 Original	NCR Response	Caltrans State Letter # 5.03.01-005900 KFM NCR # 65																
<table border="1"> <tr> <td colspan="2">SKYWAY BAY BRIDGE PROJECT</td> </tr> <tr> <td colspan="2">KIEWIT / FCI / MANSON, A JV</td> </tr> <tr> <td>DATE: 12-20-04</td> <td>CO/JOB 364-3726</td> </tr> <tr> <td>ROUTED BY:</td> <td>NO 04-012024</td> </tr> <tr> <td>TO: RICH BIENEK</td> <td>SPECIAL NOTES:</td> </tr> <tr> <td colspan="2">INTERNAL KFM COPIES TO:</td> </tr> <tr> <td colspan="2">EXTERNAL COPIES TO:</td> </tr> <tr> <td colspan="2">SCANNED: Y N FILED TO:</td> </tr> </table>			SKYWAY BAY BRIDGE PROJECT		KIEWIT / FCI / MANSON, A JV		DATE: 12-20-04	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:	
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TO: RICH BIENEK	SPECIAL NOTES:																	
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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 cc: SC

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

BUFH
12/1/04

DEPARTMENT OF TRANSPORTATION

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



Flex Your Power
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November 30, 2004

KFM, a JV
220 Burma Road
Oakland, CA 94607

KFM NCR # 75

Contract: 04-012024
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-006176

Subject: KFM/USI NCR No. 61: Welding of Material Not Shown on Shop Drawings or Fabrication Plans

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

This Non-Conformance Report (NCR) is issued by the State to KFM for the following reason:

1. Caltrans QA inspector observed that USI had welded temporary lifting lugs into the outer most open rib slot of pa74 and pa92 of pa23, pa76 and pa94 of pa27, and pa103 of pa28. KFM QCM and onsite representatives allowed the welding of these lugs which were not shown on the shop drawings or fabrication plans.

This NCR will be tracked as KFM/USI NCR No. 61. USI was verbally notified of this NCR by Caltrans' METS on 11/17/04. 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



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

December 15, 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 *SR*
Reference: SFOBB Skyway Project *75*
USI #23932 (NCR LTR# ~~74~~ 121504)
Subject: Response to Caltrans State Letter # 5.03.1-006176
KFM NCR # ~~74~~ *75 SR*

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.1-006176, dated November 30, 2004, Caltrans stated that:

"Caltrans QA inspector observed that USI had welded temporary lifting lugs into the outer most open rib slot of pa74 and pa92 of pa23, pa76 and pa94 of pa27 and pa103 of pa28. KFM QCM and onsite representatives allowed the welding of these lugs which were not shown on the shop drawings or fabrication plans."

These lifting lugs were shown on drawings in a place that would not have worked and would have caused a great deal of problems, not to mention a potential safety hazard. **USI** felt it was necessary to make an un-scheduled weld. The temporary lifting lugs were carefully placed in a weld zone only and were used only for lifting and placement aids. After the part was placed in its proper alignment, the lugs were immediately removed and the area ground clean. This was all done while being monitored by USI Supervision and Quality Control. Being that this was unforeseen incident, we see no reason that the fabrication plan could have reflected this. This issue is being addressed and proper procedure changes will be made if necessary. Please submit this cover letter to 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

Brad Murphy
Sales Manager



DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
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February 11, 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 # 5.03.1-006857

Subject: Response to KFM-SUB-003641R00: USI Documents Clearing USI KFM NCR #75 (METS #61)

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

The Engineer has reviewed KFM-SUB-003641R00: USI Documents Clearing USI KFM NCR #75 (METS #61). The subject RFI is not resolved. Revised page 238 of the Special Provisions require the following be described in the working drawings:

- a. Details of temporary lugs or brackets and methods of handling large elements.
- b. Details of removal of temporary connections and repair of material where these connections were installed.

The Engineer will resolve the subject NCR upon receipt and approval of the above information. Should you have any questions, please contact David Wu at (510) 622-5104 or Patrick Lowry at (858) 344-2712.

Sincerely,

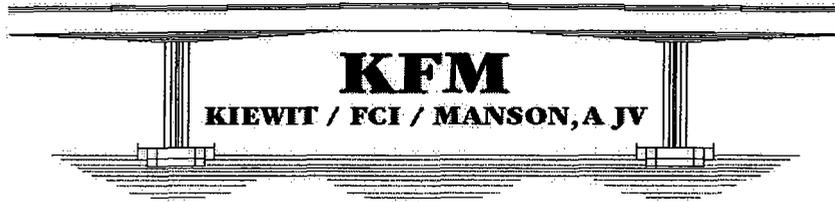
<<< ORIGINAL SIGNED >>>

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



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 11-Apr-05
Time 8:22 AM

Dated: 11-Apr-2005

SUBMITTAL No: KFM-SUB-003641

Rev: 01

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: USI-TRN-522

Subject: USI - Documents Clearing USI KFM NCR #75 (METS 61)

Special Provis. (SP) REF: 10-1.44
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		1	Letter of Transmittal #522		1	Pending	
02		1	USI - Documents Clearing USI KFM NCR #75 (METS 61)		1	Pending	

These are transmitted as checked below:

- For Approval
- For Review/comment
- Return For Correction
- For Your Use
- As Requested
- For Information

Remarks:

USI - Documents Clearing USI KFM NCR #75 (METS 61)

CC:

Please review / approve by : 13-Apr-2005

Submitted By: Paul Hegarty
(KFM Staff Member - Originator of Transmittal)

Checked & Sent By: [Signature]
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

April 7, 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# 75R1.040705)

Subject: Response to Caltrans State Letter # 5.03.1-006875, DTD 2/11/05
KFM NCR # 75

6857

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.1-006857, dated February 11, 2005, Caltrans stated that:

"The Engineer has reviewed KFM-SUB-003641R00: USI Documents Clearing USI KFM NCR #75 (METS #61). The subject RFI is not resolved. Revised page 238 of the Special Provisions require the following be described in the working drawings:

- a. Details of temporary lugs or brackets and methods of handling large elements.*
- b. Details of removal of temporary connections and repair of material where these connections were installed."*

At the time of this occurrence, USI believed it was following AWS D1.5 welding practices. However, after further review and in a continuing effort to work with and to eliminate any concerns that METS/Caltrans might have, USI would like to incorporate the attached "Wing Lifting Detail Procedure" into Rev 15 of the Fabrication Procedure (see attachment). If this *procedure* is acceptable to METS/Caltrans, please close this NCR and USI will initiate this *procedure* into Rev. 15 of the Fabrication Procedure.

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



Brad Young - USI
file

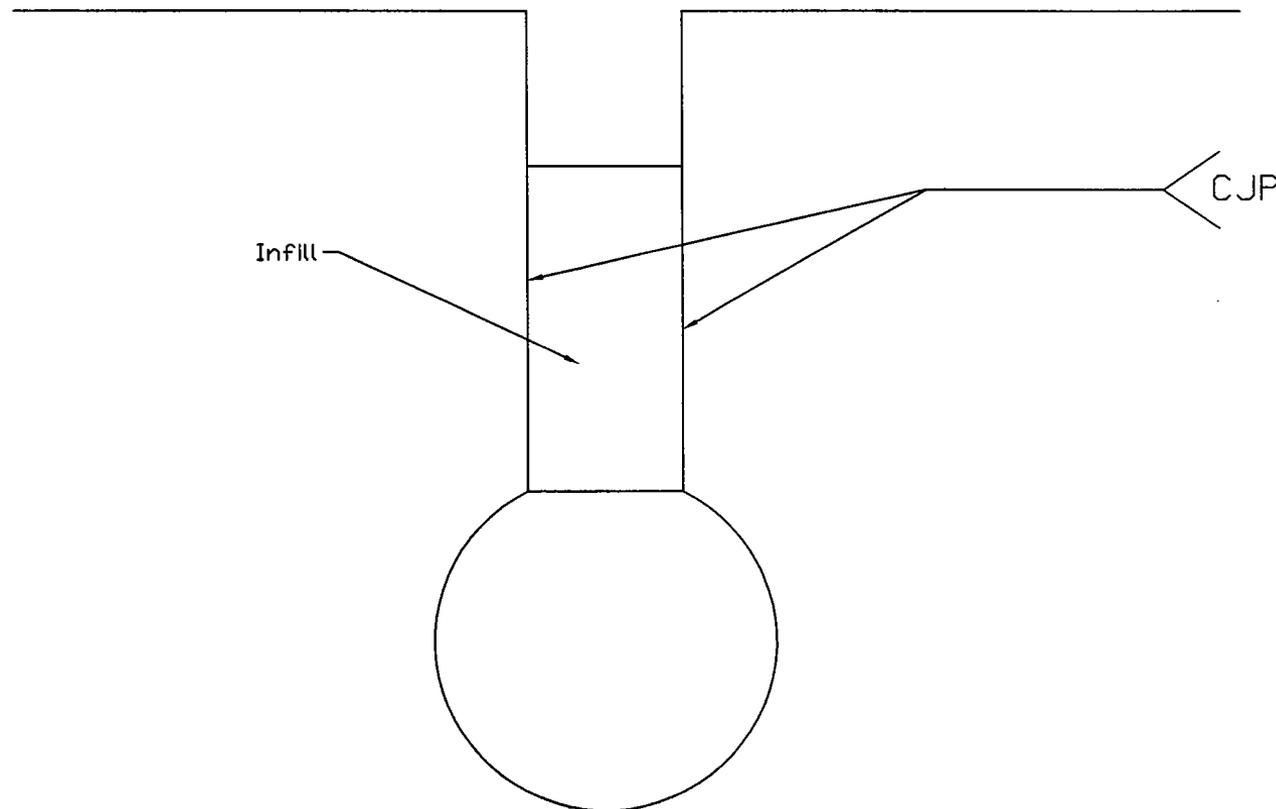
Category III

A Subsidiary of
HARDER MECHANICAL CONTRACTORS



Wing lifting details

When lifting each wing, there may be temporary infills welded into the slotted area to reinforce the T-Stiffener or Diaphragm. These temporary attachments shall be welded in the designed weld zone of the slot. After the wings have been lifted into place, the temporary infill will be removed. The affected area that was welded will be visually inspected and tested by Magnetic Particle examination.



DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
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May 03, 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 # 5.03.1-007654

Subject: Response to KFM-SUB-003179R03, KFM-SUB-003291R01, KFM-SUB-003317R02, KFM-SUB-003440R01, KFM-SUB-003641R01, KFM-SUB-003666R01, KFM-SUB-003704R03, KFM-SUB-003766R01, KFM-SUB-003851R01

Dear Mr. Skoro,
Attention: Paul Hegarty,

The Engineer has reviewed

- KFM-SUB-003179R03: USI Documents Clearing Critical Weld Repair Report 04-87R1
- KFM-SUB-003291R01: USI Documents Clearing Critical Weld Repair Report 04-100
- KFM-SUB-003317R02: USI Documents Clearing Critical Weld Repair Report 04-107R1
- KFM-SUB-003440R01: USI Closing Documents for Heat Straightening Request 04-50
- KFM-SUB-003641R01: USI Closing Documents Clearing USI KFM NCR #75 (METS 61)
- KFM-SUB-003666R01: USI Closing Documents for Heat Straightening Request 05-04
- KFM-SUB-003704R03: USI Closing Documents for Critical Weld Repair Report 05-016R2
- KFM-SUB-003766R01: USI Closing Documents for Critical Weld Repair Report 05-028
- KFM-SUB-003851R01: USI Closing Documents for Heat Straightening Request 05-10

The subject submittals are approved. 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