



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 24-Mar-05
Time 2:58 PM

Dated: 24-Mar-2006
 To: **Doug Coe**
 Caltrans-Skyway Project
 345 Burma Road
 Oakland CA 94607
 Phone: Fax:

SUBMITTAL No: KFM-SUB-004141 Rev: 00
 Co/Job # 364-3726
 Contract# 04-012024
 Sub/Supplier: USI
 Sub/Supplier No:

Subject: USI - Documents Clearing USI W M NCR #91 (METS 76)

Special Provis. (SP) REF: 08-3.01
 Standard Spec. (SS) REF:

RESUBMITTAL/SUPPLEMENTAL REF:

We are sending the following attached items: Attached

- | | | |
|---------------------------------------|---|---|
| <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 |

V i Fax

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	24-Mar-05	1	Letter of Transmittal #467		0	Pending	1
02	24-Mar-05	1	USI - Documents Clearing USI KFM NCR #91 (METS 76)		0	Pending	5

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 : 31-Mar-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

LETTER OF TRANSMITTAL

NO: 467

DATE: March 23, 2005

PROJECT: SFOBB Skyway Structure

JOB NO.: 23932

ATTENTION: Paul Hegarty / Rich B

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 Response |
| <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	Caltrans State Letter # 5.03.1-006823 KFM / USI NCR # 91 USI LTR # 91.032205																
<table border="1"> <tr> <td colspan="2">SKYWAY-BAY BRIDGE PROJECT</td> </tr> <tr> <td colspan="2">KIEWIT / FC7 MANSON, A JV</td> </tr> <tr> <td>DATE: 3-24-05</td> <td>CL. NO: 360-3726</td> </tr> <tr> <td>ROUTED BY:</td> <td>01 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 / FC7 MANSON, A JV		DATE: 3-24-05	CL. NO: 360-3726	ROUTED BY:	01 04 012024	TO: RICH BIENEK	SPECIAL NOTES:	INTERNAL KFM COPIES TO:		EXTERNAL COPIES TO:		SCANNED: Y N FILED TO:	
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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,
Please submit the attached NCR and attachments to Caltrans for review and request a letter to close this NCR.

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

March 22, 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# 91.032205)

Subject: Response to Caltrans State Letter # 5.03.1-006823, DTD 2/07/05
KFM NCR # 91

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. received Caltrans State Letter # 5.03.1-006823, dated February 07, 2005, Caltrans stated that:

"The State QA inspector measured the width of Assembly 3A deck plate and found measurements to vary from -6 mm to -14mm. Overall width measurements taken by USI QC inspector determined the deck narrow by 12 mm. The Special Provisions....."

Please review the attached dimensional drawing for Girder 3A deck. The drawing shows the measured dimensions, along with the theoretical. At the bottom of the drawing is an explanation of how the dimensions were measured. Also attached is a copy of State Letter # 5.03.1-006823 & # 5.03.1-007105, along with a copy of the "Certificate of Calibration" for the steel tape used. 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

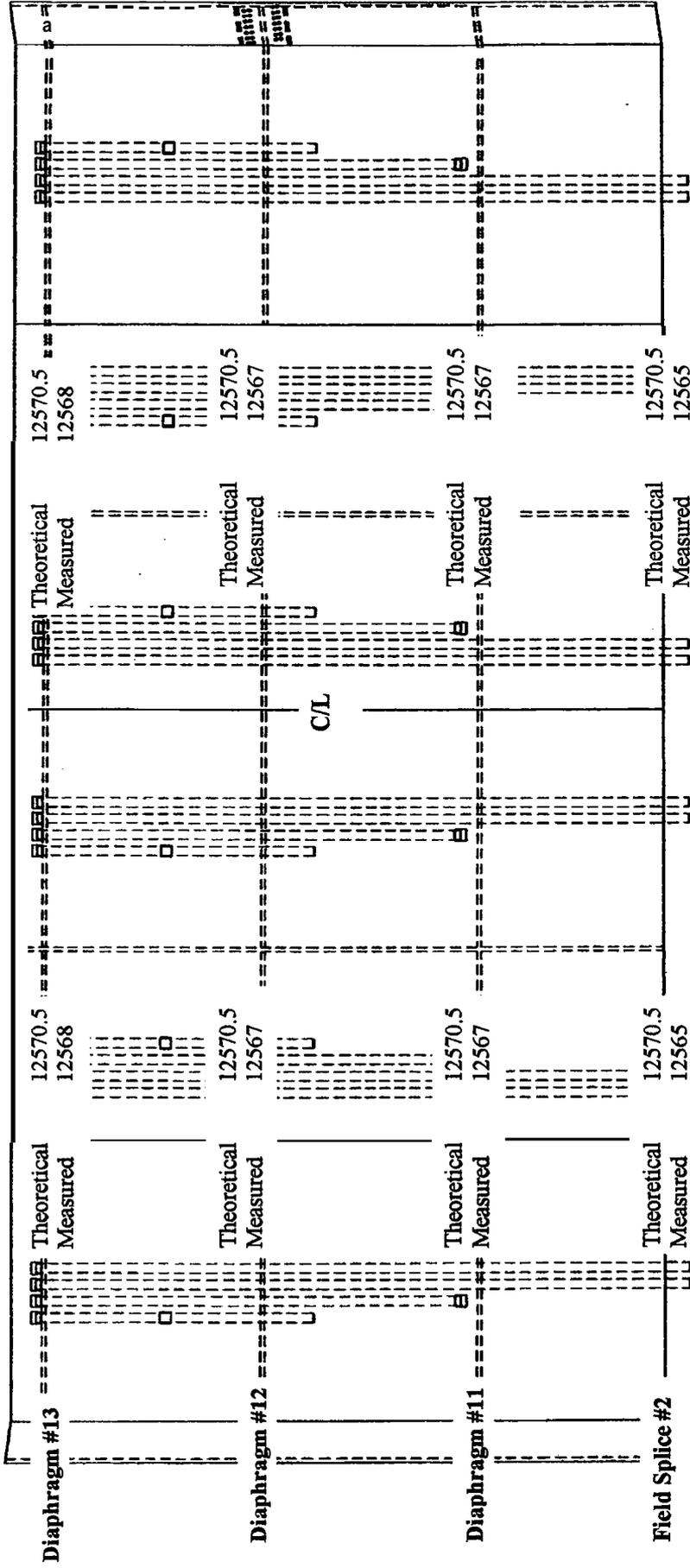


Category III

A Subsidiary of
HARDER MECHANICAL CONTRACTORS



Girder 3A



The above dimensions show the top of the deck for Girder 3A. They were measured using a steel tape laying across the top of the deck (at the girders ambient temperature). The temperature at time of measurement was 42 degrees F. The design temperature (per State Letter # 5.03.1-007105) is 20 degrees C. The steel tape was calibrated at 21 degrees C. The adjusted difference would be on the plus side, but would be negotiable. Therefore the measured dimension would stand as it is.

BLTT
2/8/05

DEPARTMENT OF TRANSPORTATION

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



Flex Your Power
Be Energy Efficient!

February 07, 2005

KFM, a JV
220 Burma Road
Oakland, CA 94607

KFM & ~ 91

Contract: **04-012024**
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-006823

Subject: USZNCR No. 76: Failure to Maintain Dimensional Tolerance

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. The State **QA** inspector measured the width of Assembly **3A** deck plate **and** found measurements to vary from **-6 mm** to **-14 mm**. Overall width measurements taken by a **USI** QC inspector determined the deck is narrow **by 12 mm**. The Special Provisions, Section **10-1.44** (Revised Page **252**) states, "Members comprising the orthotropic box, including ail internal structure, shall be within **5 mm** **of** the theoretical location shown on the plans at any point **along** the member in the as-installed condition."

This NCR will be tracked as **USI** NCR No. 76. **USI** was verbally notified of this NCR by Caltrans' **METS** on 02/02/05. 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,

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

BLPH
3/11/05

DEPARTMENT OF TRANSPORTATION

SFOBB – Skyway Project
345 B u m Road
Oakland, CA 94607
Facsimile Number: (51.0)622-5165



*Flex Your Power
Be Energy Efficient!*

March 10, 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 # 5.03.1-007105

Subject: Response to KFM-RFI-001365R00: Design Temperature

Dear Mr. Skoro,
Attention: Paul Hegarty,

The Engineer has reviewed KFM-RFI-001365R00: Design Temperature. The design temperature for geometrical dimensioning shall be the ambient temperature (20°C).

Should you have any questions, please contact David Wu at (510) 622-5104.

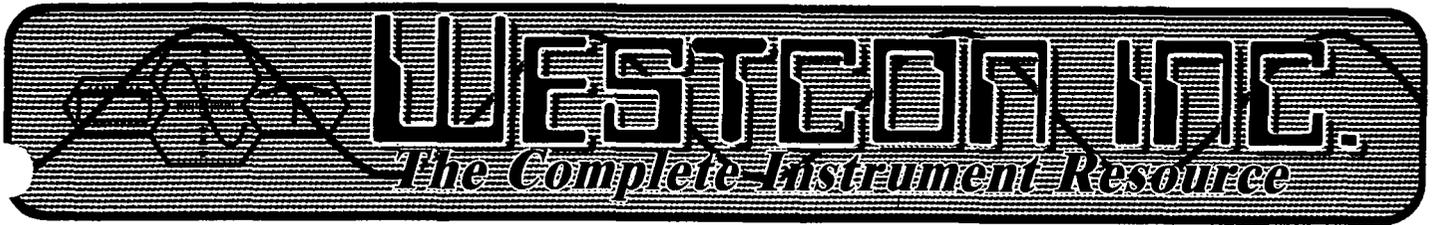
Sincerely,

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
file: 5.03.1, 9.06.8



CERTIFICATE OF CALIBRATION

Certificate #: R119979

Performed for: UNIVERSAL STRUCTURAL
604 SE VICTORY AVE.

VANCOUVER, WA 98661

Manufacturer: Lufkin
Description: 100' TAPE
Model: C216
Serial #: 29670900
Asset #: NONE

PO #: 27364
Date: Aug 12, 2004
Due: Aug 12, 2005

Temperature: 21 degrees C. Humidity: 55 % RH.

Procedure used: WCP-33 Revision 3

Comments:

This instrument WAS within applicable specifications upon arrival.

THIS CALIBRATION IS TRACEABLE TO MST TEST NO. 821/267915-03.

As requested, the instrument cited above was tested. The results of this calibration apply only to the instrument described above. This certification complies with ISO/IEC 17025 and ANSI/NC SL Z-540. All standards used are traceable to NIST or other international standards organizations, and all test uncertainty ratios are at least 4:1 unless otherwise stated. All uncertainties are calculated with K=2 for a 95% confidence level. Unless otherwise stated, this instrument meets all clauses of the manufacturer's published accuracy specifications. If a recommended recalibration date is included on this certificate, please remember that any number of factors may cause the instrument to drift out of calibration before the recommended interval has expired. This certification may not be reproduced or distributed except in whole without written authorization from Westcon, Inc.

Standards used:

Asset# Description / NIST Trace Numbers - Calibration Due Date
323 Optodyne MCV-2002W / 110403-1 821-267915-03 - 11/04/04
Quality System based on Westcon QA Manual Revision 8A of July, 2004.

Certified by:


Drake D. Dunning, Asst. Lab Manager

9/13/04
Date

This certification will automatically generate a calibration recall notice that will be mailed to you approximately one month prior to the expiration date.

DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
Be Energy Efficient!*

April 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 # 5.03.1-007461

Subject: Response to kfm-sub-002327r03, kfm-sub-003140r01, kfm-sub-003143r01, kfm-sub-004011r00, kfm-sub-004012r00, kfm-sub-003017r03, kfm-sub-004094r00, kfm-sub-004095r00, kfm-sub-004117r00, kfm-sub-004141r00

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

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

- kfm-sub-002327r03: USI Documents Clearing Heat Straightening Request 04-15R2
- kfm-sub-003140r01: USI Documents Clearing Heat Straightening Request 04-35
- kfm-sub-003143r01: USI Documents Clearing Heat Straightening Request 04-38
- kfm-sub-004011r00: USI Documents Clearing USI KFM NCR #98 (METS 83)
- kfm-sub-004012r00: USI Documents Clearing USI KFM NCR #99 (METS 84)
- kfm-sub-003017r03: USI Documents Clearing Critical Weld Repair Report 04-70R2
- kfm-sub-004094r00: USI Documents Clearing USI KFM NCR #95 (METS 80)
- kfm-sub-004095r00: USI Documents Clearing USI KFM NCR #105 (METS 90)
- kfm-sub-004117r00: USI Documents Clearing USI KFM NCR #94 (METS 79)
- kfm-sub-004141r00: USI Documents Clearing USI KFM NCR #91 (METS 76)

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