

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-Jun-05
Time 1:50 PM

Dated: 08-Jun-2005
To: Doug Coe
 Caltrans-Skyway Project
 345 Burma Road
 Oakland CA 94607
 Phone: Fax:

SUBMITTAL No: KFM-SUB-004644 **Rev:** 00
Co/Job # 364-3726
Contract # 04-012024
Sub/Supplier: USI
Sub/Supplier No:

Subject: USI - Closing Documents for NCR 126 (METS NCR 113)

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	06-Jun-05	1	USI - Closing Documents for NCR 126 (METS NCR 113)		0	Pending	6

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-Jun-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) 696-3590

June 2, 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# 126.060205)

Subject: Response to Caltrans State Letter #5.03.1-007621, DTD 04/29/05
KFM NCR #126

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. has received Caltrans State Letter #5.03.1-007621, dated April 29, 2005. Caltrans stated:

"Caltrans Quality Assurance (QA) observed USI had not followed the shop drawings for joint configuration on web plate Pa351 for assembly 9A. Shop drawings A9F/K state a double bevel T-joint shall be used for the web plate to soffit Pa320 joint. The as-fit configuration is a single bevel T-joint."

USI has submitted RFI# 113R2 on November 9, 2004 and received a State Letter #5.03.1-006151, dated November 29, 2005 in response. Candraft (USI's shop drawing detailer) has revised the shop drawings to reflect these changes.

Please see copy of:

- Caltrans State Letter #5.031.-007621
- USI RFI# 113R2 (with 2 attachments)
- Caltrans State Letter #5.03.1-006151

Please review 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



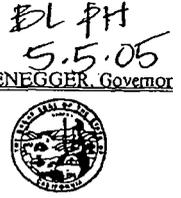
Category III

A Subsidiary of
HARDER MECHANICAL CONTRACTORS



DEPARTMENT OF TRANSPORTATION

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



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April 29, 2005

KFM NCR 126

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 # 5.03.1-007621

Subject: USI NCR No. 113: Not Following Shop Drawings

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. Caltrans Quality Assurance (QA) observed USI had not followed the shop drawings for joint configuration on web plate Pa351 for assembly 9A. Shop drawings A9F/K state a double bevel T-joint shall be used for the web plate to soffit Pa320 joint. The as-fit configuration is a single bevel T-joint.

This NCR will be tracked as USI NCR No. 113. USI was verbally notified of this NCR by Caltrans' METS on 04/26/05. 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: P. Lowry, D. Coe, I. Khinsann, D. Wu, S. Abbas, B. Chew, V. Iyer, I. Kwong, D. Salladay, H. El-Natur
file: 5.03.1, 9.07.8

REQUEST FOR INFORMATION

DATE: November 9, 2004
RFI#: 113R2
PROJECT: SFOBB (SKYWAY BRIDGE)
CONTRACTOR: KFM
ATTENTION: Paul Hegarty
REFERENCE DWG#: A3E/G Typical
ITEM: Web to Soffit Weld Change

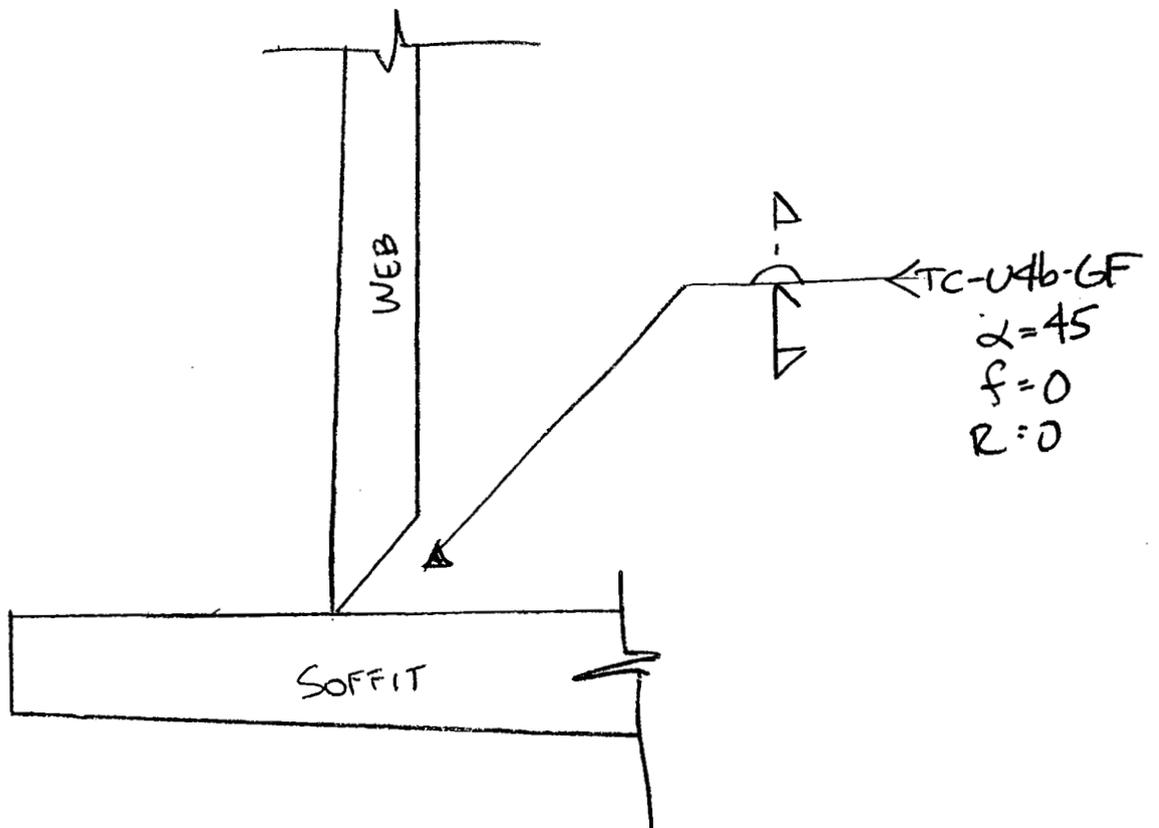
QUESTION:

Due to distortion encountered when welding the web to soffit, we would like the to change the weld joint to a TC-U4b-GF, $\alpha=45$, $f=0$, $R=0$ at locations described in the attached. Please confirm that this is acceptable.

If you have any question, please feel free to call.

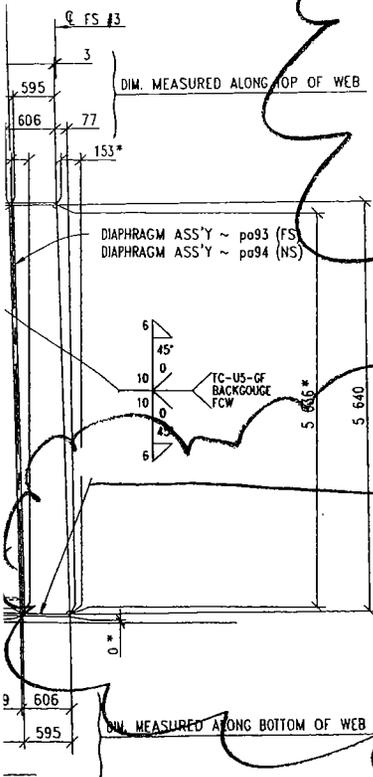
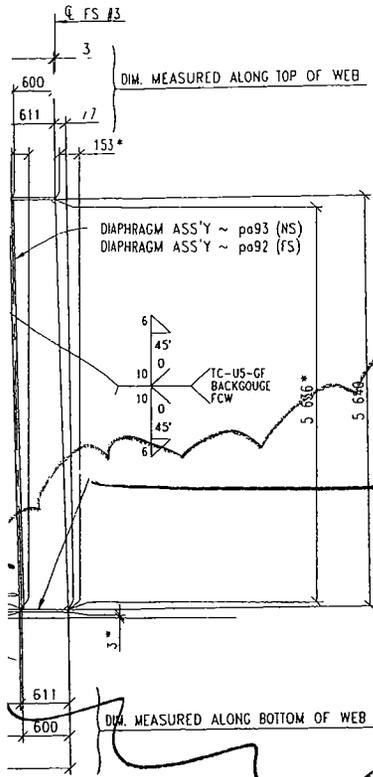
Thanks,
Brad Young

Girder	Left Web	Right Web
2A	Pa47	Pa48
6A	Pa345	Pa346
7A	Pa347	Pa348
8A	Pa349	Pa350
9A	Pa351	Pa352



BILL OF MATERIAL

MARK	QTY.	DESCRIPTION	LENGTH	UNIT	WEIGHT	S/L	REMARKS
			mm	WT.			
3A	ONE	BRIDGE SEGMENT ASSEMBLY			255 757		
pa9	1	DECK R ASS'Y			17 507		
pa10	1				29 002		
pa11	1				27 070		
pa12	1				17 268		
pa19	1	SOFFIT R			20 854		
pa23	1	L WING R ASS'Y			30 915		MAT'L SPEC A709M, GR34512
pa27	1	R WING R ASS'Y			30 917		MAT'L SPEC A709M, GR34512
pa33	1	DIAG. EDGE R ASS'Y			3 441		TTQS
pa34	1	DIAG. EDGE R ASS'Y			3 361		TTQS
pa41	1	R 13 x 390	10 982		437		MAT'L SPEC A709M, GR34512
pa42	1	R 13 x 391	10 890		434		MAT'L SPEC A709M, GR34512
pa49	1	WEB R ASS'Y			16 069		MAT'L SPEC A709M, GR34512
pa50	1	WEB R ASS'Y			15 963		MAT'L SPEC A709M, GR34512
pa75	1	DECK T-STIFF. ASS'Y			1 504		MAT'L SPEC A709M, GR34512
pa78	1	DECK T-STIFF. ASS'Y			1 504		MAT'L SPEC A709M, GR34512
pa92	1	DIAPHRAGM ASS'Y			7 289		MAT'L SPEC A709M, GR34512
pa93	1	DIAPHRAGM ASS'Y			10 064		MAT'L SPEC A709M, GR34512
pa94	1	DIAPHRAGM ASS'Y			7 361		MAT'L SPEC A709M, GR34512



EXAMPLE
DETAIL DRAWING
ONLY GIRDERS
LISTED ON THE
PRIOR SHEET
WILL BE CHANGED

EDGE DISTANCE - AS NOTED
SPACING NOT SHOWN -
CONNECTORS:
GENERAL NOTES: SEE GN1

APPROVED FOR
FABRICATION

MAR 23 2004

HOLES AS NOTED
SHOP PAINT: SEE GN1
TRANSITION SPAN
PREPARATION FOR PAINT: SEE GN1

MK	REVISION	BY	DATE
△	ADDED NOTE 5	KL	03/20
	REVISED TO SUIT CCO #21	RGV	06/03



UNIVERSAL STRUCTURAL, INC.
604 S.E. VICTORY AVE.
VANCOUVER, WASHINGTON

SHEET TITLE: "E" LINE ORTHOTROPIC STEEL TUB ASSEMBLY 3A	MATERIAL SPEC. A709M, GR345F2 U/N
PROJECT: SKYWAY STRUCTURES - CONTRACT NO. 04-012021	ERECTION DWG.
TRANSITION SPAN - BRIDGE NO. 34-0006 L/R	REF. DWG.
DISTRICT 04, ROUTE 80 : KILOMETER POST 13.9/14.3,0.0/1.6	
SAN FRANCISCO / ALAMEDA COUNTY	
CUSTOMER: KFM / A JV.	
DRAWN BY: Allen Wen	DATE: 01/21/03
CHECKED BY: [Signature]	DATE: 01/25/03
JOB NO. 23932	SHEET NO. A3E/G
	REV. [Symbol]

H A3A/G TO A3D/G, A3F/G & A3G/G INCLUSIVE

23932 - SKYWAY - USIRFI 113R2

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
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November 29, 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 # 5.03.1-006151

Subject: Response to KFM-RFI-001301R00: Web to Soffit Weld Change for Distortion Control Improvements

Dear Mr. Skoro,
Attention: Paul Hegarty,

The Engineer has reviewed KFM-RFI-001301R00: Web to Soffit Weld Change for Distortion Control Improvements regarding the request to change the web plate to soffit plate weld detail. The subject RFI is approved with concerns. While the change may improve distortion at the free end of the soffit plate, the Engineer is concerned the change may worsen the distortion in the soffit plate between the web plate and first closed rib. This may result in excessive residual stresses being locked into the plate. Please ensure adequate distortion control measures are implemented to minimize distortion and ensure material is fabricated within the tolerances of the contract requirements. The Contractor is permitted to proceed with the understanding the shop drawings will be modified to reflect this change.

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, 56.1301

DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
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July 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 # 5.03.1-008278

Subject: Response to KFM-SUB-004644R00, KFM-SUB-004673R00, KFM-SUB-004674R00, KFM-SUB-004675R00, KFM-SUB-004719R00, KFM-SUB-004773R00, KFM-SUB-004774R00, KFM-SUB-004777R00, KFM-SUB-004778R00, KFM-SUB-004780R00, KFM-SUB-004781R00, KFM-SUB-004782R00, KFM-SUB-004783R00

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

The Engineer takes no exceptions to the following submittals:

- KFM-SUB-004644R00: USI Closing Documents for NCR 126 (METS NCR 113)
- KFM-SUB-004673R00: USI Documents Clearing NCR 147 (METS NCR 140)
- KFM-SUB-004674R00: USI Documents Clearing NCR 148 (METS NCR 141)
- KFM-SUB-004675R00: USI Documents Clearing NCR 149 (METS NCR 143)
- KFM-SUB-004719R00: USI Documents Clearing NCR 89 (METS NCR 74)
- KFM-SUB-004773R00: USI Documents Clearing NCR 153 (METS NCR 142)
- KFM-SUB-004774R00: USI Documents Clearing NCR 154 (METS NCR 144)
- KFM-SUB-004777R00: USI Documents Clearing NCR 137 (METS NCR 130)
- KFM-SUB-004778R00: USI Documents Clearing NCR 155 (METS NCR 145)
- KFM-SUB-004780R00: USI Documents Clearing NCR 158 (METS NCR 148)
- KFM-SUB-004781R00: USI Documents Clearing NCR 159 (METS NCR 150)
- KFM-SUB-004782R00: USI Documents Clearing NCR 160 (METS NCR 151)
- KFM-SUB-004783R00: USI Documents Clearing NCR 166 (METS NCR 156)

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