



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 4:01 PM

Dated: 12-Jan-2005

SUBMITTAL No: KFMSUB-003638

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 #47 (METS #33)

Special Provis. (SP) REF: 08-3.01

Standard Spec. (SS) REF:

RESUBMITTAL/SUPPLEMENTAL REF:

We are sending the following attached items: Attached

Via Fax

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

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	17-Dec-04	1	Letter of Transmittal #189		0	Pending	1
02	12-Jan-05	1	USI - Documents Clearing USI W M NCR #47 (METS #33)		0	Pending	7

These are transmitted as checked below:

- | | | |
|---------------------------------------|---|--|
| <input 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 : 19-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

LETTER OF T

MITT

NO: 189

DATE: December 17, 2004

PROJECT: SFOBB Skyway Structure

JOB NO: 23932

ATTENTION: Paul Feurty /

Rich Bienek

TO: KFM

220 Burma Road

Oakland, CA

WE ARE SENDING YOU

ATTACHED

NCR Responses

Shop Drawings

Prints

Prints

Samples

Copy of letter

Change order

Change order

Plans

Specifications

1 Original	NCR Response	Caltrans State Letter # 5.03.01-006176, KFM NCR # 74																
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> <th colspan="2">SKYWAY BAY BRIDGE PROJECT</th> </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 012004</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 012004	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:																	
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

Copy To:

Signed:

Brad Murphy

Brad Murphy cc:SC

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



UNIVERSAL STRUCTURAL, INC.

604 S E Victory Ave
Vancouver, WA 38661

PO Box1030
Vancouver, WA 98666
December 16,2004

Vancouver (360)695-1261
Portland (503)227-2419
FAX (360) 696-359C

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# 47.121604)

Subject: Response to Caltrans State Letter # 5.03.01-004893, DTD 06/29/2004
KFM NCR # 47

Mr. Hegarty & Mr. Bienek,

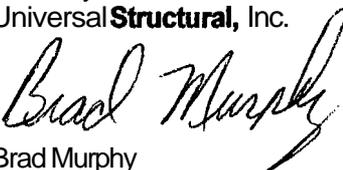
Universal Structural, Inc. received Caltrans State Letter # 5.03.01-004893, dated June 29, 2004. Caltrans stated that:

"KFM has not ensured their subcontractor(USI) has been following the approved Contract documents. The Orthotropic Tub Girder Fabrication Procedure (KFM-SUB-000391R8) Sub Assembly Detail-Soffit Plate, Wing Plates - Web Plates, page 40, 41 and 42 of 109, note 3, require the ribs to be welded from the center of each plate and progressing transversely to the outside ribs. KFM's subcontractor did not follow this progression sequence during the welding of assembly 1A."

Please see the attached USI letter and copy of pages 40, 41, 42 and 43 of 109 of Orthotropic Tub Girder Fabrication Procedure, Rev. 11 in response to this NCR. 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



December 15, 2004

KFM
220 Burma Road
Oakland, California 94623



Attn: Mr. Paul Hegarty

Re: State letter no. **5.03.1-004893** regarding **USI** NCR No. **33**: Failure to follow Fabrication Procedure regarding sequence of welding..

Dear Mr. Hegarty:

The Original Fabrication Plan, Revision **9** does indicate that the ribs sections will be welding from the center of each plate and progressing transversely to the outside ribs. Early in the process of developing the Fabrication Plan, it was thought that distortion may be encountered if the ribs were welded from one side to the other.

After the first panel was welded, it was obvious that this was not a factor in controlling distortion and the welding operators were told not to continue with the welding sequence noted in the Fabrication Plan. This requirement was subsequently revised in revision **11** to require no particular sequence of welding for rib sections.

It should be obvious to all concerned that this minor deviation was not a detriment to the quality of the final product. Since this much detail was required in order to obtain approval of the Fabrication Plan, it has become a nuisance to maintain these minor details. The Fabrication Plan, at this level, continues to be detrimental to the overall project and has no effect whatsoever to the final quality of the bridge girders.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Seeley". The signature is written in a cursive style with a large, looping initial "R".

Ralph Seeley
Plant Manager

BLPH
6/30/04

DEPARTMENT OF TRANSPORTATION

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



Flex Your Power
Be Energy Efficient!

June 29, 2004

KFM, a JV
220 Burma Road
Oakland, CA 94607

KFM NCR 47

COPY

Contract: 04-012024
04-SF, Ala-80-13.9/14.3 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-004 P98

Subject: USINCR No. 33: Failure to Follow Fabrication Procedure Regarding Sequence of Welding

Dear Mr. Skoro,
Attention: Paul Hegarty,

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

1. KFM has not ensured their subcontractor (USI) has been following the approved Contract documents. The Orthotropic Tub Girder Fabrication Procedure (KFM-SUB-000391R8) SubA: assembly Detail - Soffit Plate, Wing Plates - Web Plates, page 40, 41 and 42 of 109, note 3, require the ribs to be welded from the center of each plate and progressing transversely to the outside ribs. KFM's subcontractor did not follow this progression sequence during the welding of assembly 1A.

This NCR will be tracked as USI NCR No. 33. KFM was verbally notified of this NCR by Caltrans' METS on 06/24/04. 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.

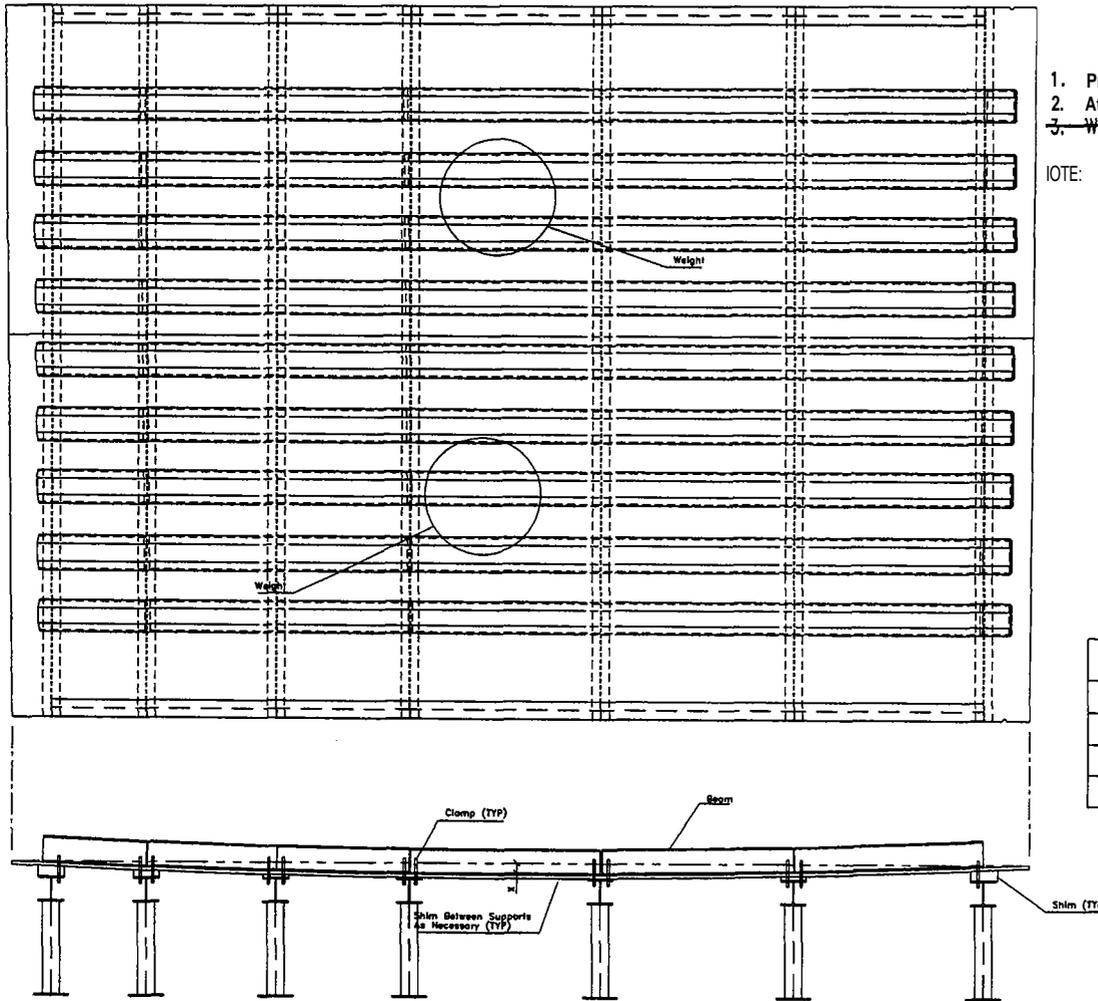
Sincerely,

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



1. Pre-Camber the soffit according to predetermined dimensions.
2. Attach restraint per Detail "A".
3. ~~Weld ribs starting from the center of the soffit transversely:--DELETED ***REV 11***~~

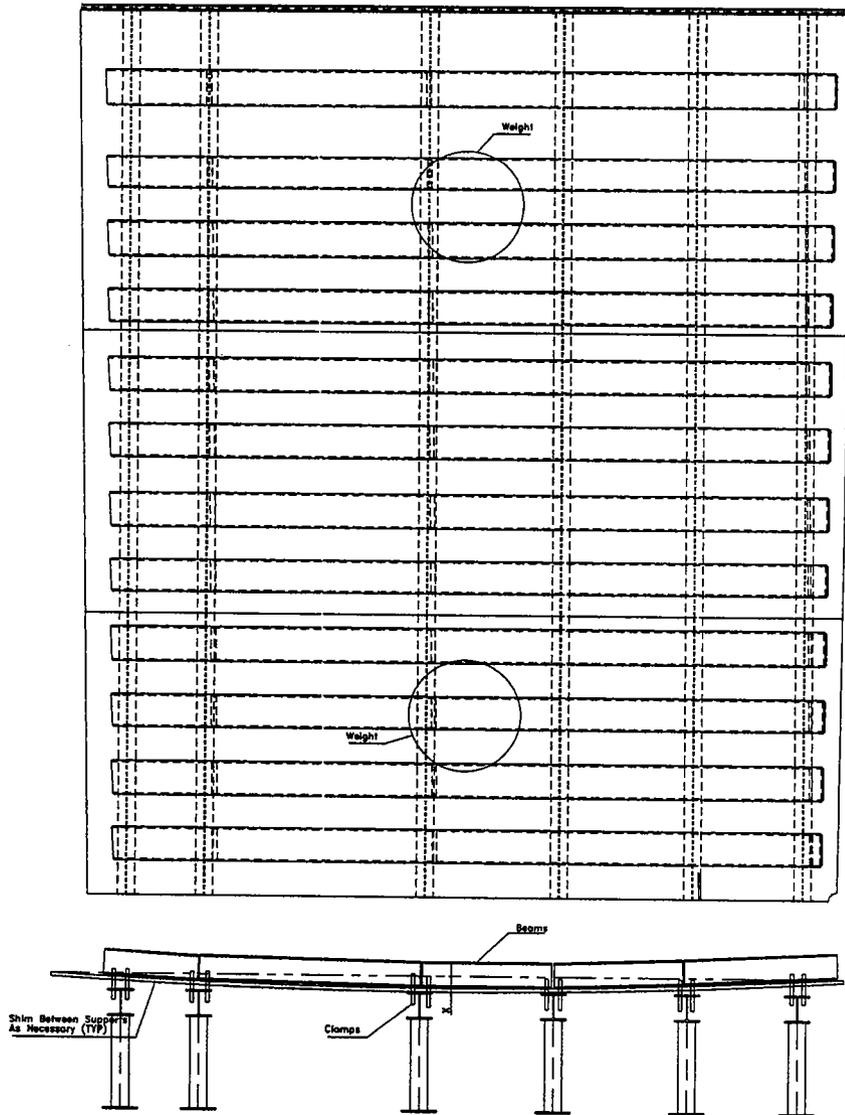
NOTE: Move weights as necessary.

Assembly	Soffit Length	X Dim
pa17	19800	19mm
pa18	11500	15mm
pa19	11500	15mm
pa20	14700	17mm

DETAIL "A"

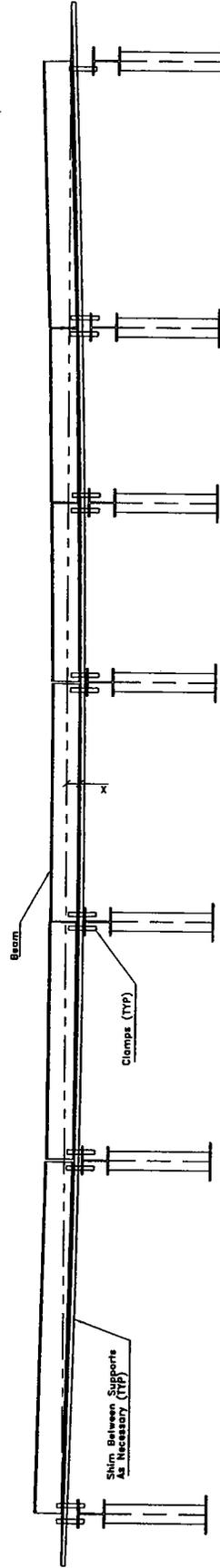
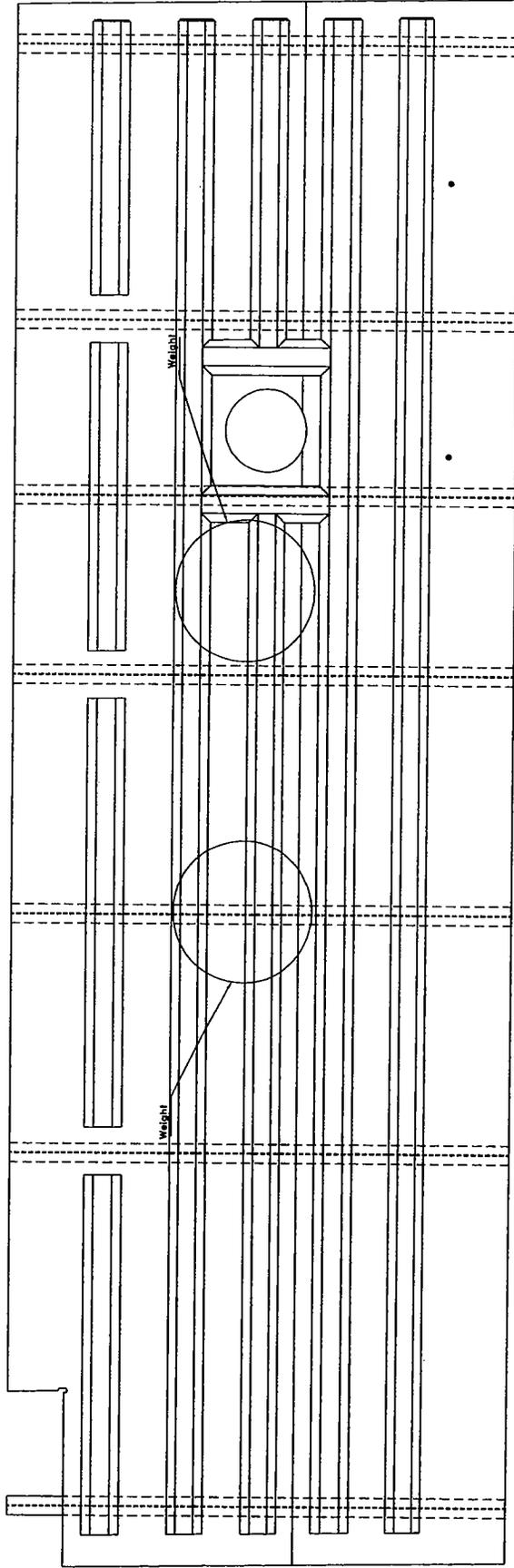
1. Pre-Camber the assembled wing plate according to predetermined dimensions.
2. Attach restraint per Detail "A".
3. ~~Weld ribs starting from the center of the wing transversely.~~ ---DELETED ***REV 11***

NOTE: Move weights as necessary.



DETAIL "A"

Assembly	Wing Length	X Dim
pa21	20000	20mm
pa22	11600	15mm
pa23	11600	15mm
pa24	14850	17mm
pa25	19700	0mm
pa26	11500	0mm
pa27	11500	0mm
pa28	14600	0mm



Assembly	Web Length	X Dim
pa45	1990	19mm
pa46	1980	0mm
pa47	11600	15mm
pa48	11500	0mm
pa49	11600	15mm
pa50	11500	0mm
pa51	14750	17mm
pa52	14600	0mm

1. Pre-Camber the webs according to predetermined dimensions.
2. Attach restraint per Detail "A".
- ~~3. Weld ribs starting from the center of the web transversely -- DELETED **REV 11**~~

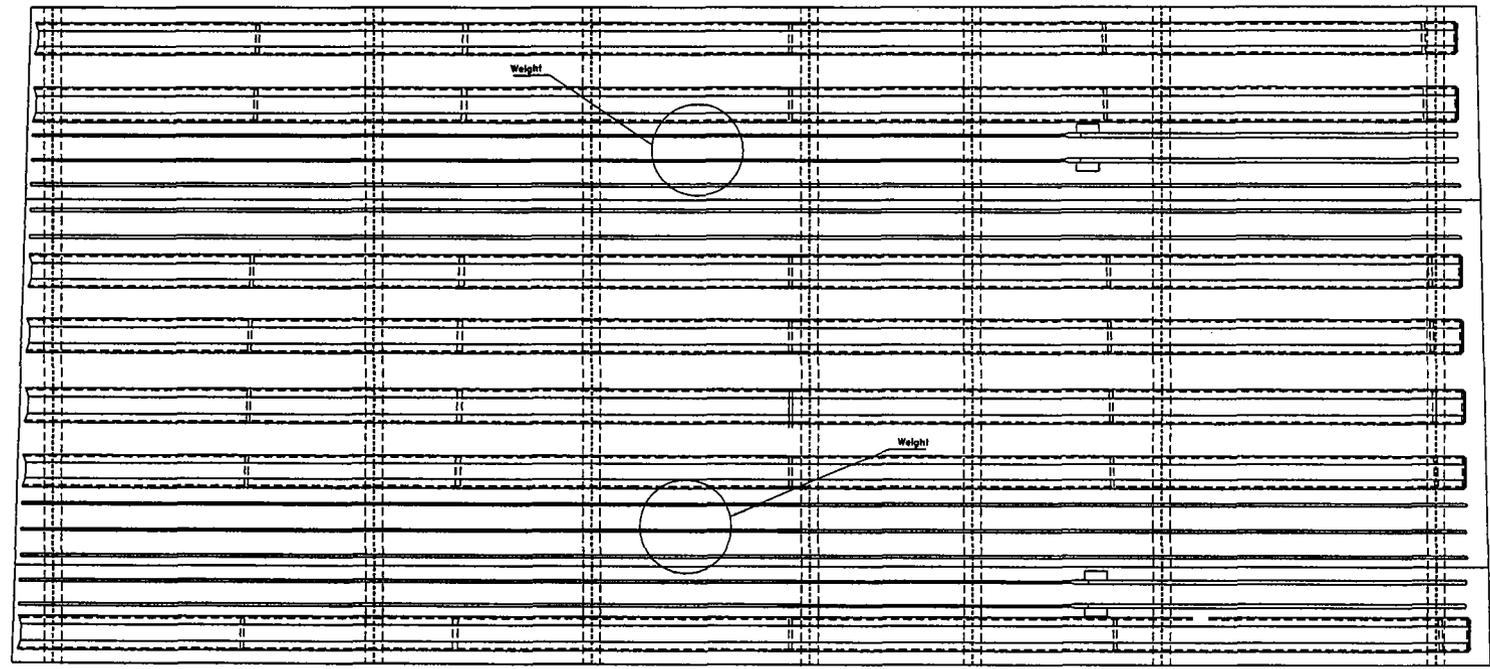
NOTE: Move weights as necessary.

DETAIL "A"

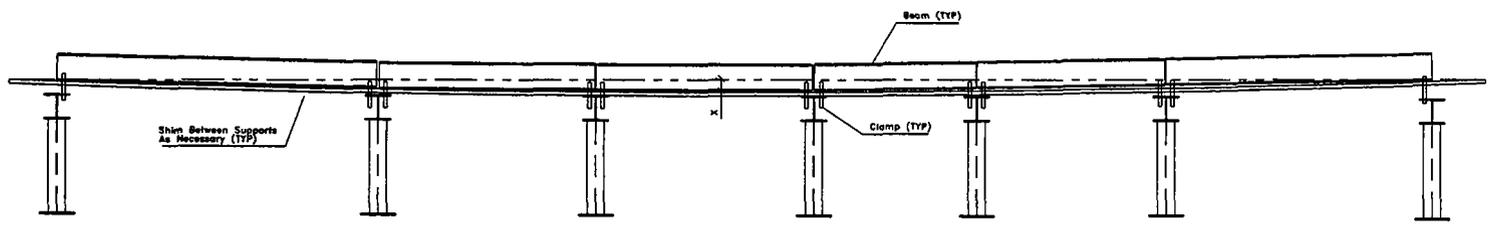
Sub Assembly Detail - Web Plate

1. Pre-Camber the deck according to predetermined dimensions.
2. Attach restraint per Detail "A".
- ~~3. Weld ribs starting from the center of the deck transversely.~~ --DELETED ***REV 11***

43 of 109
9/27/04



Assembly	Soffit Length	X Dim
pa1 Thru pa4	17600	22mm
pa5 Thru pa8	11500	18mm
pa9 Thru pa12	11500	18mm
pa13 Thru pa16	14650	20mm



DETAIL "A"

Sub Assembly Detail - Deck Plate (Soffit/Wing)

DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
Be Energy Efficient!*

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 # 5.03.1-006855

Subject: Response to KFM-SUB-003638R00: USI Documents Clearing USI KFM NCR #47 (METS #33)

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

The Engineer has reviewed KFM-SUB-003638R00: USI Documents Clearing USI KFM NCR #47 (METS #33). The Engineer agrees the Contractor has sufficiently addressed this NCR. As a result, USI NCR No. 33 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