



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 06-Feb-06
 Time 8:50 AM

Dated: 2/6/06

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

SUBMITTAL No: KFM-SUB-006142 Rev: 00
 Co/Job # 364-3726
 Contract # 04-012024
 Sub/Supplier:
 Sub/Supplier No:

Subject: KFM - NCR #53 - Arc Strikes on Orthotropic Tub Deck

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"/> Progress Payment Request |
| <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	06-Feb-06	1	KFM - NCR #53 - Arc Strikes Orthotropic Tub Deck		0	Pending	2

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 : 13-Feb-2006

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

Checked & Sent By: SBurke
 Contract Admin/DCS Staff

NON-CONFORMANCE REPORT	53
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Location of Mat'l/Item: Orthotropic Tub Berth 7
Title/Description: Arc Strikes at 2 locations Orthotropic Tub Deck.
Group: Superstructures
Superintendent: Derek Stark
Foreman: Ron McCurry

Report of Condition/Cause of Non-Conformance: While welding restrainer plates down to the orthotropic tub deck the welder put his welding stinger down on the deck and inadvertently created an arc strike. The location was on the west end of the tub 226cm west of BM705 and 33cm south of the web frame. On the east end of the tub 865mm east of BM815 and 40mm north of the web frame one of the welding leads had a bare spot and also created an arc strike. The approximate size of both arc strikes was 8mm X 8mm X 1.5mm. (See attached photos)
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Recommended Corrective Action: Recommend carefully grinding the arc strike away, fair out the adjacent surfaces on a slope not steeper than 1 into the metal to 10 along the surface. (ref: AWS D1.5 1996 12.13.3) and Magnetic Particle Test (MT) to verify metal soundness after the areas have cooled to ambient temperature for at least 24 hours. Further recommend to carefully inspect all welding leads in or on the orthotropic tub to ensure there are no bare spots in the insulation that might create more arc strikes.				
<table style="width: 100%; border: none;"> <tr> <td style="width: 25%; border: none;">Originator Signature:  Dennis Winter</td> <td style="width: 15%; border: none;">Date: 2/4/06</td> <td style="width: 25%; border: none;">Superintendent Signature:  Derek Stark</td> <td style="width: 35%; border: none;">Date: 2/4/06</td> </tr> </table>	Originator Signature:  Dennis Winter	Date: 2/4/06	Superintendent Signature:  Derek Stark	Date: 2/4/06
Originator Signature:  Dennis Winter	Date: 2/4/06	Superintendent Signature:  Derek Stark	Date: 2/4/06	

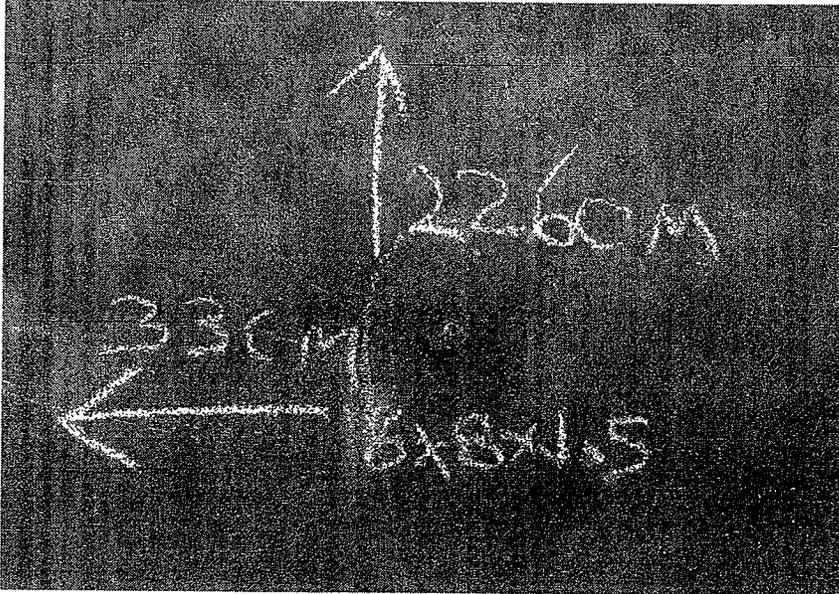
Designer Comments on Corrective Action:

Corrective Actions Verified Complete and Inspected:

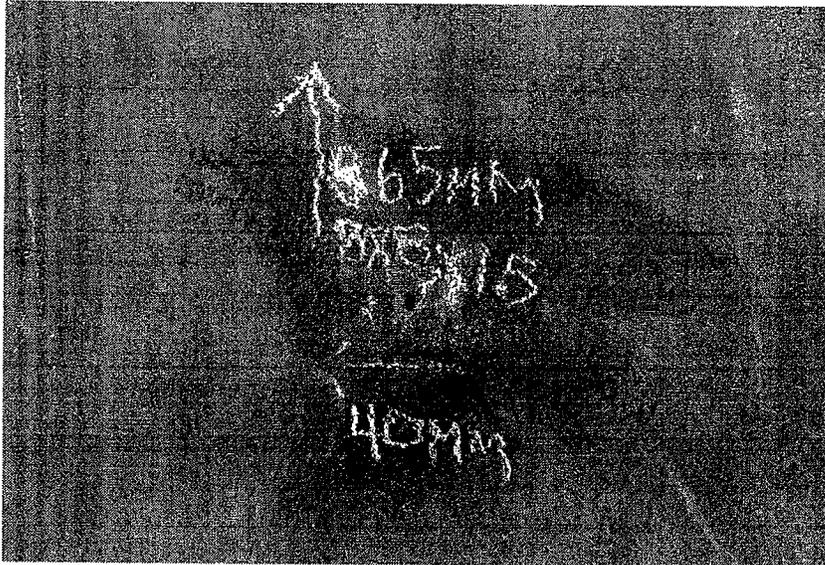
Reference Documents:

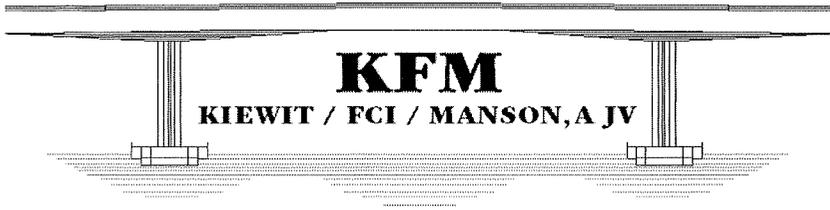
Date Closed:	
Signature:	

WEST END



EAST END





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 19-May-06
Time 11:01 AM

Dated: 08-Mar-2006

SUBMITTAL No: KFM-SUB-006142

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:
Sub/Supplier No:

Subject: KFM - NCR #53R1 - Arc Strikes on Orthotropic Tub Deck

Special Provis. (SP) REF: 08-3.01

Standard Spec. (SS) REF:

RESUBMITTAL/SUPPLEMENTAL REF:

We are sending the following attached items: Attached Via Fax

- Contract Plans/Specs
- Drawings/Calculations
- Change Order
- Copy of Letter
- Certs of Compl./Samples
- Schedule
- Progress Estimate Request
- Payroll Information
- Working Drawings
- WQCP and/or Addenda
- Weekly Weld Reports
- CWR Procedure

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01		1	KFM - NCR #53R1 - Arc Strikes Orthotropic Tub Deck		1	Pending	1

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: 14-Mar-2006

Submitted By: Dennis Winter

(KFM Staff Member – Originator of Transmittal)

Checked & Sent By:

Contract Admin/DCS Staff

9.05.4

049802

NON-CONFORMANCE REPORT	53R1
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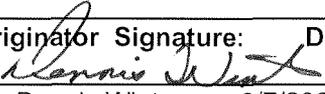
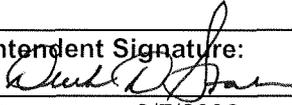
Location of Mat'l/Item: Orthotropic Tub - Transition Span Eastbound
Title/Description: Arc Strikes at 2 locations Orthotropic Tub Deck.

Group: Superstructures
Superintendent: Derek Stark
Foreman: Ron McCurry

Report of Condition/Cause of Non-Conformance: While welding restrainer plates down to the orthotropic tub deck the welder put his welding stinger down on the deck and inadvertently created an arc strick. This location was on the west end of the tub 226cm west of BM705 and 33cm south of the web frame.

On the east end of the tub 865mm east of BM815 and 40mm north of the web frame one of the welding lead had a bare spot and also created an arc strike. The approximate size of both arc strikes was 8mm X 8mm X 1.5mm.

Recommended Corrective Action: The top deck plate thickness is 16mm; therefore, repairs will be ground and rewelded in accordance with Critical Weld Repair Report # 394. In the future all welding leads will be carefully inspected to prevent this from happening again.

Originator Signature: 	Date: 3/7/2006	Superintendent Signature: 	Date: 3/7/2006
Dennis Winter	3/7/2006	Derek Stark	3/7/2006

Designer Comments on Corrective Action:

Corrective Actions Verified Complete and Inspected:

Reference Documents:

Date Closed:	
Signature:	

DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
Be Energy Efficient!*

February 22, 2006

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 # 5.03.1-009631

Subject: Response to KFM-SUB-006142R00: KFM NCR #53 - Arc Strikes on Orthotropic Tub Deck

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

The Engineer has reviewed KFM-SUB-006142R00: KFM NCR #53 - Arc Strikes on Orthotropic Tub Deck and it is not approved. The subject submittal contains insufficient information to resolve the nonconformance. In addition to the proposed resolution, the Engineer requests the following information:

1. What is the thickness profile of the deck plate at the location pertaining to this repair?
2. What is the depth of the excavation and/or grinding required to complete the repair?

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

DEPARTMENT OF TRANSPORTATION

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



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March 22, 2006

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 # 5.03.1-009788

Subject: Response to KFM-SUB-006142R01: KFM NCR 53R1 - Arc Strikes on Orthotropic Tub Deck

Dear Mr. Zink,
Attention: Mr. Dennis Winter,

The Engineer has reviewed KFM-SUB-006142R01: KFM NCR 53R1 - Arc Strikes on Orthotropic Tub Deck and it is approved. The subject NCR 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: P. Lowry, D. Coe, D. Wu, B. Chew, V. Iyer, I. Kwong, D. Salladay

file: 5.03.1, 9.03.8