



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 01-Aug-06  
Time 3:35 PM

Dated: 8/21/06

SUBMITTAL No: KFM-SUB-006948 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: TBS  
Sub/Supplier No:

Subject: Trans Bay NCR 26 Close Out

Special Provis. (SP) REF:  
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	01-Aug-06	1	NCR 26 Close Out		0	Pending	1
02	22-Jun-06	1	State Letter # 5.03.1-008098		0	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:

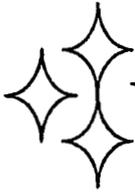
Please review / approve by : \_\_\_\_\_

Submitted By: Paul Hegarty

(KFM Staff Member – Originator of Transmittal)

Checked & Sent By: [Signature]

Contract Admin/DCS Staff



## **TRANS BAY STEEL, CORP.**

1025 KAISER ROAD, NAPA, CA 94558  
TELEPHONE: (707)259-0777 FAX: (707)259-1072

August 1, 2006

Kiewit/FCI/Manson A JV  
P.O. Box 23223  
Oakland, Ca 94623

**Reference:** SFOBB Skyway Contract # 04-012024

**Subject:** NCR 26 Close Out

**Attn:** Dennis Winter

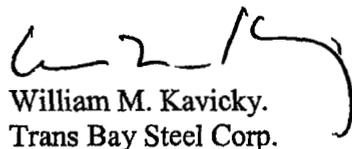
NCR 26:

Trans Bay Steel is in receipt of State Letter 8098 on June 22, 2005, which reported issues with Radiographic Testing of Hinge Pipe Beams.

Please request that the Engineer issue a letter to close the NCR in light of the following measures taken and or events which have occurred:

1. Radiographic Testing is no longer required on Hinge Pipe Beam Longitudinal Seams and so infractions listed in the NCR do not affect the structure.
2. Critical Weld Inspections Inc. has since been submitted and approved for use on the project. Reference: TBS WQCP addendum 27 of October 29, 2004 and Caltrans Letter 6064 of November 11, 2004.
3. Tom Polkinghorn has since been submitted and approved for use on the project. Reference KFM-SUB-2359R73 TBS WQCP addendum 60. Specific training has been provided to Mr. Polkinghorn on the procedural requirements for the Skyway Project.
4. RT quality issues are currently being addressed by TBS. A joint meeting with TBS, KFM, Caltrans and CWI inc. was held on June 27, 2006 and a subsequent revisit for RT testing on June 27, 2006 was likewise attended by TBS and Caltrans.

Please do not hesitate to call this office for any clarification which will enable closure of this matter.

  
William M. Kavicky.  
Trans Bay Steel Corp.

Cc:

**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

June 22, 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 # 5.03.1-008098

*Subject: TBS - NCR No. 26: Radiographic Testing*

Dear Mr. Skoro,  
Attention: Rich Bienek,

This Non-Conformance Report (NCR) is being issued to KFM's subcontractor, Trans Bay Steel (TBS), for several issues regarding Radiographic Testing of the Hinge Pipe Beams.

On 06/01/05, TBS QC submitted radiographs for long seam welds in 100mm thick Hinge Pipe Beam sections Pc. Mk. #'s CWS-7 and CES-3, the radiographic testing was performed by Critical Weld Inspections Inc. (CWII), on 05/31/06. On 06/01/05, QA reviewed the submitted film and attached RT reports, and observed:

- 1) The Report of Radiographic Testing is from a company that is not listed in the WQCP.
- 2) The RT level II radiographer who signed the submitted RT report (Mr. Tom Polkinghorn) is not listed in the WQCP and has not been submitted for approval as of this date. This is the same individual identified in NCR No. 18.
- 3) The information (identification) shown on the radiographs does not include all information required by contract documents.
- 4) All Radiographs were accepted by QC with no remarks, and QA observed anomalies/artifacts on 5 of the 16 films submitted that require an explanation.

Please review and propose corrections to resolve this NCR and bring the work back into compliance with the contract. If you have any questions, please call David Wu at (510) 622-5104.

Sincerely,

A handwritten signature in black ink that reads "David Wu".

David Wu  
Senior Bridge Engineer

For: Mr. Douglas Coe  
Resident Engineer

cc: D. Wu, M. Woods, D. Coe, B. Chew, V. Iyer, S. Abbas, H. El-Natur  
file: 5.03.1, 9.07.11

A handwritten mark or signature in the bottom right corner of the page.

**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
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August 30, 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 # 5.03.1-010360*

*Subject: Response to KFM Submittal No. 6948: TBS NCR 26 Close Out*

Dear Mr. Zink,  
Attention: Dennis Winter,

We received KFM Submittal No. 6948 regarding the close out of Non Conformance Report (NCR) number 26 at Trans Bay Steel (TBS). TBS NCR 26 was issued for unapproved personnel and deficiencies in Radiographic Testing (RT) of the longitudinal seam welds on pipe beam sections CWS-7 and CES-3.

The personnel and RT subcontractor have subsequently been submitted and approved, and the RT film in question was not used due to the elimination of the requirement of RT on the longitudinal seam welds. Therefore, we agree that this NCR is resolved.

However, RT film quality has been an ongoing concern. We understand that TBS and its subcontractor have had several meetings regarding RT film quality. The major film quality issues appear to have been resolved, but some minor issues remain. Please continue to address this issue as needed to provide acceptable RT film quality.

If you have any questions regarding this matter, please call David Wu at (510) 622-5104.

Sincerely,

**<<< ORIGINAL SIGNED >>>**

David Wu  
Senior Bridge Engineer

For: Mr. Douglas Coe  
Resident Engineer

cc: D. Coe, D. Wu, M. Woods, B. Chew, D. Wright, V. Iyer  
file: 5.03.1, 9.07.11

# Memorandum

*Flex your power!  
Be energy efficient!*

To: **DOUG COE**  
Resident Engineer  
SFOBB Skyway Office  
345 Burma Road  
Oakland, California 94607

Date: September 13, 2006

File: 04-012024 SFOBB  
East Span Skyway  
File 1.5, 1.25

From: **VENKATESH IYER**  
Structural Materials Representative  
Bay Area Branch  
Office of Structural Materials  
Materials Engineering and Testing Services  
Division of Engineering Services

*HL* (Signed w/ permission)  
by *J. Carr*

Subject: KFM Submittal # 6948, # 6949 # 6950, # 6951, # 6952, # 6953

The Office of Structural Materials has reviewed KFM Submittal # 6948, "Trans Bay NCR 26 Close Out"; KFM Submittal # 6949, "Trans Bay NCR 12 Close Out"; KFM Submittal # 6950, "Trans Bay NCR 10 Close Out"; KFM Submittal # 6951, "Trans Bay NCR 33 Close Out"; KFM Submittal # 6952, "Trans Bay NCR 32 Close Out"; KFM Submittal # 6953, "Trans Bay NCR 31 Close Out." Our comments and recommendations for the subject Submittals are presented in the attached report.

If you have any questions, or would like to discuss the issues, please call the Structural Materials Representative Venkatesh Iyer at (858) 967-6363.

Attachment

RECEIVED  
056293 SEP 21 08

September 13, 2006

## **PROJECT INFORMATION**

04-012024  
SFOBB - Skyway

## **SUBJECT**

KFM Submittal # 5976R01 – Circular Bearing Inspection, Maintenance, and Replacement Manual  
KFM Submittal # 6939 – Shipping and Storage Plans for Expansion Joints

## **DISCUSSION**

Our office has received and reviewed the subject Submittals and has compiled the following comments.

## **COMMENTS**

*KFM SUB # 5976 R01 – Circular Bearing Inspection, Maintenance, and Repair Manual  
D. S. Brown re-submits a post-construction manual for circular segmented bearings. This submittal incorporates comments presented in State Letter #9810.*

OSM recommends adding an appendix listing generic and trade names of all materials, a brief description of materials' engineering properties, and names and addresses of suppliers whose materials were incorporated into this project. It would be of significant benefit in providing a starting point for Maintenance to procure replacement material.

It is also recommended that basic drawings, such as the one on page 11, be included for all elements discussed. For example, written descriptions of maintenance for specialized parts such as pin grooves and various plates would be enhanced by clear drawings, which greatly assist in understanding the manufacturer's written instructions.

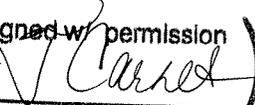


*KFM SUB # 6939 – Shipping and Storage Plans for Expansion Joints*

*D. S. Brown provides a plan for shipping expansion joints from the D. S. Brown fabrication facility in Minnesota and storing them at Mare Island.*

OSM has no comments on these plans, and defers to Construction to ensure that the components are protected in accordance with contract documents and their fitness for purpose remains the same as when released by OSM/METS from the fabrication facility.



(Signed w/ permission  
by )

Venkatesh S. Iyer, Ph.D., P.E.  
Structural Materials Representative  
Division of Engineering Services  
Materials, Engineering and Testing Services  
Office of Structural Materials

Document Number CAL 0205