



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 11-Aug-05  
 Time 3:37 PM

Dated: 11-Aug-2005

SUBMITTAL No: KFM-SUB-005038

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: 960

Subject: USI - Documents Clearing KFM NCR #191 (METS #180)

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	10-Aug-05	1	USI - KFM NCR #191 (METS #180)		0	Pending	3

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 : 18-Aug-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

August 10, 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# 191.081005)  
Subject: Response to Caltrans State Letter (Pending)  
KFM NCR #191

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. has not received a Caltrans State Letter (Pending); in the pre-notification (NCR# 180) it stated:

*"KFM QCM and On-site representatives allowed OIW to perform a "Critical Weld Repair" (CWR) on Diaphragm Pa-357 (Assembly 6A). Caltrans OSM Quality Assurance (QA) Inspector Joe Adame observed that FCM weld joint# 349 was excavated approximately 25 mm deep and welded without approval. This was on 30-mm thick stiffener, which exceeded 65% of the weld thickness. QA generated....."*

Please see the attached letter (SL-2171-021) from Oregon Iron Works (OIW) Nate S. Lindell, Quality Control Manager in reference to this NCR.

Attachments:

- Copy of State Pre-Notification – Nonconformance Report (NCR# 180)
- Copy of OIW Letter: SL-2171-021

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

DIVISION OF ENGINEERING SERVICES  
MATERIALS ENGINEERING AND TESTING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection

## Bay Area Branch

690 Walnut Ave., St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453 Fax (707) 649-5493

Contract #: 04-012024

Cty SF, Ala Rte 80 PM 13.9/14.3, 0.0/1.6

File # 13.25.B

## QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: Vancouver, Washington

Date: 08-05-2005

Prime Contractor: Kiewit, FCI and Manson (KFM)- A Joint Venture

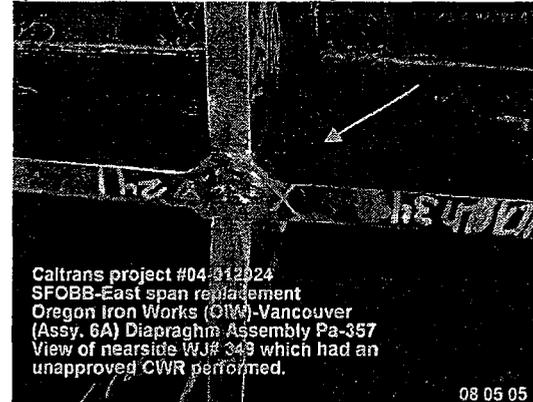
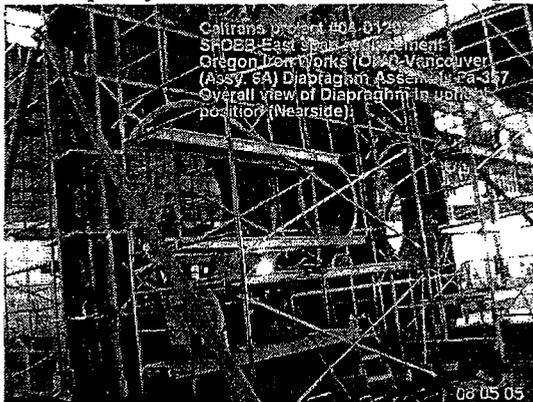
NCR# 180

Submitting Contractor: Oregon Iron Works Inc.- (OIW)

## Type of problem:

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other:	<input checked="" type="checkbox"/>
Welding:	<input checked="" type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input checked="" type="checkbox"/>
Joint fit-up:	<input type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>
Procedural:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>		

**Description of Non-Conformance:** KFM QCM and On-site representatives allowed OIW to perform a "Critical Weld Repair" (CWR) on Diaphragm Pa-357 (Assembly 6A). Caltrans OSM Quality Assurance (QA) Inspector Joe Adame observed that FCM weld joint# 349 was excavated approximately 25 mm deep and welded without approval. This was on a 30-mm. thick stiffener, which exceeded 65% of the weld thickness. QA generated a Non-conformance report to address the discrepancy observed. *Attached digital photos from the item in non-conformance.*

**Applicable reference:** AWS D1.5- (1996) section 12.17, Contract 04-012024 Special Provisions Section 8.3**Who discovered the problem:** Caltrans QA Inspectors Joe Adame.**Name of individual from Contractor notified:** QC Inspector Russ Lynch.**Time and method of notification:** 08-05-05, in person at 14:00.**Name of Caltrans Engineer notified:** <<RE, Structure Rep, or Engineer Notified by SMR - Contact SMR>>**Time and method of notification:** <<Date, Time, and Method (verbal, fax, etc.) of Notification - From SMR>>**QC Inspector's Name:** Russ Lynch.**Was the QC Inspector aware of problem:** No**Contractor's proposal to correct the problem:** No proposal has been submitted at this time.

**Comments:** This report is for the purpose of determining general conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Patrick Lowry, (858) 344-2712, who represents the Office of Structural Materials for your project.

Inspected By: Joe Adame

Quality Assurance Inspector

Reviewed By: Dave McClary

Lead QA Inspector

TL-15, Nonconformance Report (7/08/05)

Page 1 of 1

## Hardcopy Routing Instructions:

1. Resident Engineer

2. Inspecting Branch Contract File

3. Responsible Branch Contract File (with supporting documentation)



# OREGON IRON WORKS, INC.

9700 S.E. LAWNFIELD ROAD • CLACKAMAS, OREGON 97015  
TELEPHONE (503) 653-6300 • FAX (503) 653-5870

August 9, 2005

**UNIVERSAL STRUCTURAL INC.**

604 SE Victoria Avenue  
PO Box 1030  
Vancouver, OR 98666

Reply to: SL-2171-021

**Attention: Keith Stephenson**

**Reference: SFOBB / SKYWAY PROJECT WESTBOUND HPVBD  
CONTRACT NO. 04-012024 / USI JOB NO 23932 / OIW JOB NO.  
2171**

**Subject: Response To KFM/OIW Nonconformance Report (NCR) No.180**

Dear Mr. Stephenson:

Oregon Iron Works, Inc. (OIW) submitted Critical Weld Report (CWR) 2171-010 Rev 0 for approval on August 8, 2005. On August 9, 2005 OIW received a rejection letter from Caltrans. Additionally, Caltrans has requested information on why the repair was completed prior to approval. Due to miscommunication between OIW Quality Control (QC) and Production the repair was complete prior to approval. OIW will make every attempt to gain approval from the Engineer in the future prior to performing Critical Repairs.

Sincerely,

**OREGON IRON WORKS, INC.**

Nate S. Lindell  
Quality Control Manager

**DEPARTMENT OF TRANSPORTATION**

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



*Flex Your Power  
Be Energy Efficient!*

August 29, 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 # 5.03.1-008587*

*Subject: Response to KFM-SUB-005013R00, KFM-SUB-005036R00, KFM-SUB-005037R00, KFM-SUB-005038R00*

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

The Engineer has reviewed the following submittals which are approved:

- KFM-SUB-005013R00: USI KFM NCR 150 (METS 137)
- KFM-SUB-005036R00: USI Documents Clearing KFM NCR 189 (METS 177)
- KFM-SUB-005037R00: USI Documents Clearing KFM NCR 190 (METS 179)
- KFM-SUB-005038R00: USI Documents Clearing KFM NCR 191 (METS 180)

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