

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 04-Jan-06
 Time 2:01 PM

Dated: 04-Jan-2006

SUBMITTAL No: KFM-SUB-005905

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: USI-TRN-1469

Subject: USI- Documentation to clear NCR 201 (METS 190)

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
- Samples
- Payroll
- Change Order
- Plans
- Certificates of Compliance
- Specs
- Schedule
- Prog. Pmt
- Calculations
- Copy of Letter
- Invoice

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	04-Jan-06	1	USI- Documentation to clear NCR 201 (METS 190)		0	Pending	

These are transmitted as checked below:

- For Approval
- For Your Use
- For Review/comment
- As Requested
- Return For Correction
- For Information

Remarks:

USI- Documentation to clear NCR 201 (METS 190)

CC:

Please review / approve by : 09-Jan-2006

Submitted By: P. Hegarty
 Paul Hegarty
 (KFM Staff Member - Originator of Transmittal)

Checked & Sent By: SBunk
 Contract Admin/DCS Staff



UNIVERSAL STRUCTURAL, INC.

604 SE. Victory Ave.
Vancouver, WA 98661

P.O. Box 1030
Vancouver, WA 98666

Vancouver (360) 695-1261
Portland (503) 227-2419
FAX (360) 696-3590

December 15, 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# ~~201.122105~~)

Subject: Response to Caltrans State Letter 5.03.1-008580(Caltrans/METS NCR# 190)
KFM NCR #201

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc. has received Caltrans State Letter 5.03.1-008580 dated August 29, 2005. Caltrans stated:
"USI's quality control failed to report rejectable indications on Assembly 3A/4A field splice, pa27 to pa28(weld joint 306)."

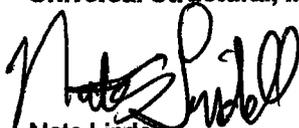
UT testing has been tightened in order to establish a higher level of confidence regarding the interpretation of indications. The new approach includes the cross-checking of results by the more experienced QC operators on difficult joint configurations and 'recordables'.

Attachments:

- Copy of – Caltrans State Letter 5.03.1-008580
- Copy of – Caltrans Pre-notification letter (Caltran/METS NCR# 190)
- Copy of – USI Letter# 05-330R8.121905 (to close CWR 05-330R8)
- Copy of – USI's Critical Weld Repair# 05-330R8
- Copy of – USI's Radiographic Test Report (accepting WJ# 306)

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.


Nate Lindell
QA Manager



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



Flex Your Power
Be Energy Efficient!

August 29, 2005

KFM, a JV
220 Burma Road
Oakland, CA 94607

KFM NCR # 201

Contract: 04-012024
04-SF, Ala-80-13.9/14.3, 0.0/1.6
SFOBB Skyway Project
State Letter # 5.03.1-008580

Subject: USINCR No. 190: Failure to Report Rejectable Indications

Dear Mr. Zink,
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. USI's quality control failed to report rejectable indications on Assembly 3A/4A field splice, pa27 to pa28 (weld joint 306).

This NCR will be tracked as USI NCR No. 190. USI was verbally notified of this NCR by Caltrans' METS on 08/19/05. 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
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 TRANSPORTATIONDIVISION 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 80PM13.9/14.3.0.0/1.6.File # 10.25 B**QUALITY ASSURANCE - NONCONFORMANCE REPORT**

Location: Universal Structural Inc.

Date: 08/19/2005

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

NCR: 190

Submitting Contractor: UT Technology, Inc.

KFM NCR 201

Type of problem:

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

Description of Non-Conformance: USI's QC failed to properly record rejectable indications on Field Splice #3, Pa 27 and Pa28 (Assembly 3A-4A splice) Weld Joint 306.

Applicable reference: Contract 04-012024 Special Provisions and AWS D1.5-96 Section 6, Paragraphs 9.21.2

Who discovered the problem: QA Bruce James Berger, MacTec

Name of individual from Contractor notified: Scott Reed, QC for USI

Time and method of notification: 08-19-2005, 1030 Verbal

Name of Caltrans Engineer notified: Ida Kwong

Time and method of notification: 8/26/05, email

QC Inspector's Name: Dan Carroll, UT2 Technology

Was the QC Inspector aware of problem: No

Contractor's proposal to correct the problem: No corrective action has been proposed.

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: Bruce Berger

Quality Assurance Inspector

Reviewed By: David McClary

Lead QA Inspector

UNIVERSAL STRUCTURAL, INC.



December 19, 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, USI LTR: CWR 05-330R8.121905

Subject: Response to METS/Caltrans Letter (Pending)
KFM CWR # 05-330R8

Mr. Hegarty & Mr. Bienek,

Universal Structural, Inc has not received METS/Caltrans Letter (Pending)

USI's Critical Weld Repair Report Number: 05-330R8 on Girder 5A, Wing plate pa27, weld joint #306 was verbally approved on 10-3-05

Please review and submit to Caltrans for a letter to close out this CWR

- Copy of USI's - CWR Number: 05-330R8 (Verbal approval)
- Copy of USI's - Radiographic Test Report

If you have any questions or need further clarification, please contact me at your earliest possible convenience.

Sincerely,
Universal Structural, Inc.


Nate Lindell
QA Manager



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Universal Structural, Inc

CRITICAL WELD REPAIR

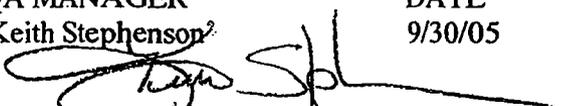
DATE: September 30, 2005	INITIATOR Mark Nastari	DEPARTMENT: QC	CWR NUMBER: 05-330R8
JOB NUMBER: 23932	JOB NAME: SFOBB	DRAWING A5D/M	CODE/SPECIFICATION AWS D1.5

NONCONFORMANCE:

Unacceptable indications were found in the radiographic test performed after the weld repairs were completed. The indications were found on Girder 5A, Wing plate pa28 to Wing plate pa27, weld joint #306. Section 22 is going on a seventh time repair; section 33 is going on a sixth time repair. These are the last two areas on weld joint# 306 that need repaired. The location of the indications is shown on the attached RT reports. The reason that the previous weld repair attempts were unsuccessful is that the cavities were not excavated to the needed depth. Therefore, the same defects remain. To preclude recurrence, these cavities shall either go all through, or be "info" RT examined prior to commencement of repair welding. Moreover, these cavities shall be repair welded using the SMAW process utilizing "strike plates" to avoid arc starts within the weld cavities.

RECOMMENDED DISPOSITION:

1. USI-QC to inform responsible craft personnel of the USI-QC procedures for proper welding and weld repair.
2. USI-QC to track & trend responsible welder(s).
3. Preheat to 150 degrees F for excavation if CAC-A is used.
4. Begin excavation at least one inch from the end of the indication towards the original repair to the depth suspected and RT examine to verify removal or go all through and place metallic backing.
5. Grind to clean metal.
6. Call for inspection to check for location to confirm that discontinuity has been removed.
7. Perform informational MT of excavation to confirm that the indication has been eliminated.
8. Inform QA that weld repair is commencing.
9. Install strike plates at edges of cavities.
10. Preheat per work procedure number 9.01 rev 4.
11. Weld using a previously approved SMAW FCM WPS for this project, being careful to start on strike plates.
12. Post heat per work procedure number 9.01 rev 4.

QA MANAGER Keith Stephenson 	DATE 9/30/05	PLANT MANAGER Ken Esteb	DATE 9/30/05
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DISPOSITION COMPLETED:

FINAL REVIEW	DATE
--------------	------

Comments: *Verbal OK to proceed with repair from Caltrans*
10-3-05 JJ

RECEIVED
 1230
 SEP 30 2005
 BY: *JJ*

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 TRANSMITTAL

NO: 1469

DATE: December 21, 2005

PROJECT: SFOBB Skyway Structure

JOB NO.: 23932

ATTENTION: Paul Hegarty / Rich Bienek

TO: KFM

220 Burma Road
Oakland, CA 94607

WE ARE SENDING YOU

- | | | | |
|---|---------------------------------------|---------------------------------------|---|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> ATTACHED | <input type="checkbox"/> Prints | <input checked="" type="checkbox"/> NCR Responses |
| <input type="checkbox"/> Copy of letter | <input type="checkbox"/> Change order | <input type="checkbox"/> Change order | <input type="checkbox"/> Samples |
| | | <input type="checkbox"/> Plans | <input type="checkbox"/> Specifications |

COPIES	ITEM	DESCRIPTION / REMARKS
1 Original	NCR / KFM # 116	Caltrans State Letter # 5.03.1-007553 USI Letter # 116.122105
1 Original	NCR / KFM # 62	Caltrans State Letter # 5.03.1-005835 USI Letter # 62.122105
1 Original	NCR / KFM # 241	Caltrans State Letter # (Pending) USI Letter # 241.121505
1 Original	NCR / KFM # 201	Caltrans State Letter # 5.03.1-008580 USI Letter # 201.122105
1 Original	NCR / KFM # 187	Caltrans State Letter # 5.03.1-008455 USI Letter # 188.122105

THESE ARE TRANSMITTED AS CHECKED BELOW

- For Approval
 For your use
 As Requested
 FOR BIDS DUE

REMARKS:

Copy To:

Signed:

Nate Lindell

Nate Lindell FOR NATE
LINDELL

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

DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
Be Energy Efficient!*

February 01, 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 # 5.03.1-009510

Subject: Response to KFM-SUB-005270R02, KFM-SUB-005904R00, KFM-SUB-005705R01, KFM-SUB-005708R01

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

The Engineer takes no exceptions to the following submittals:

- KFM-SUB-005270R02: USI Documents Clearing Critical Weld Repair 05-390R3
- KFM-SUB-005904R00: USI Documents to Clear NCR 241 (METS 233)
- KFM-SUB-005705R01: USI Documents Closing CWR 05-635R2
- KFM-SUB-005708R01: USI Documents Closing Critical Weld Repair 05-637R2

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