



MOUNTAIN STATES STEEL

325 SOUTH GENEVA ROAD, LINDON, UTAH 84042

Telephone: (801) 785-5085

Fax: (801) 785-1100

KFM, a JV
220 Burma Road
Oakland, CA 94607

March 3, 2006

Attention: Corkey Bates

Ref: SFOBB, Skyway Project
Contract #04-012024
MSS Job #464
State Letter #5.03.1-009605 and 5.03.1-009608

Dear Corkey,

In response to State Letter #5.03.1-009605 and 5.03.1-009608 Caltrans NCR #
33 and 34

Mountain States Steel verified the indications noted by QA. MSS counseled the
responsible inspectors. After a conference call with MSS, KFM, Caltrans and Mets,
MSS employed Kevin Smith of QTI to perform remedial training for UT
technicians. The scope of this training was to discuss scanning patterns.
Caltrans/Mets onsite representatives were invited to attend.

Please find the UT reports for the repairs made, and a copy of the sign in sheet
for the training performed.

Please review and close the aforementioned NCR.

Thank you for your consideration,
MOUNTAIN STATES STEEL, INC,

Keith Stephenson
QA/QC Manager

"Making It Happen"

DEPARTMENT OF TRANSPORTATION

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



*Let Your Power
Be Known Through*

February 14, 2006

KFM, a JV
220 Burma Road
Oakland, CA 94607

Contract: 04-012024
04-SF, A1a-80-13.9, 14.3, 0.0 1.6
SFOBB Skyway Project
State Letter # 5.03.1-009608

Subject: MSS - NCR No. 34 - Weld Metal Not Conforming With Contract Specifications

Dear Mr. Zink,
Attention: Corkey Bates.

This Non-Conformance Report (NCR) is issued by the Engineer to KFM as a result of the actions of your subcontractor, Mountain States Steel for the following reasons:

Caltrans QA (METS) located the below mentioned two separate areas of weld metal that are not conforming to the Contract Specifications. However, these were inspected and accepted by UT Level II technicians of Quality Testing and Inspection (MSS' QC firm):

1. On 2-13-2006, bike path box panel mark 1438AR was found to have "Class A" indications in two separate welds that exceed AWS D1.5: 1996, Table 9.1 value. The first rejection area is in the single bevel CJP weld #20 between 14 mm plate piece ay1438 and 16 mm plate piece at1438. The second rejection area is in the single bevel CJP weld #13 between 16 mm plate piece ap1438 and 16 mm plate piece gt1438.

This NCR will be tracked as MSS-NCR No. 34. MSS was verbally notified of this NCR by Caltrans' METS on 2-13-2006. Please review and address how you plan to resolve this NCR and bring your work back into compliance with the Contract.

Should you have any questions, please call David Wu at 510-622-5104.

Sincerely,

<<< ORIGINAL SIGNED >>>

Mr. David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

cc: D. Coe, V. Iyer, I. James, M. Javed, D. Wu, S. Abbas, B. Chew, D. Salladay, H. El-Natur
file: 5.03.1, 9.07.5

DEPARTMENT OF TRANSPORTATION

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



*Use Your Power
Responsibly Efficiently*

February 14, 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 # 5.03.1-009605

Subject: MSS - NCR No. 33 - Weld Metal Not Conforming With Contract Specifications

Dear Mr. Zink,
Attention: Corkey Bates.

This Non-Conformance Report (NCR) is issued by the Engineer to KFM as a result of the actions of your subcontractor, Mountain States Steel for the following reasons:

Caltrans QA (METS) located the below mentioned areas of weld metal that are not conforming to the Contract Specifications. However, these were inspected and accepted by UT Level II technicians of Quality Testing and Inspection (MSS' QC firm). QA concluded that QC used improper scanning pattern which in turn could result in overlooking potential rejectable indications:

1. On 2-6-2006, bike path box panel mark 1437GR was found to have a "Class A" indication that exceeds AWS D1.5: 1996, Table 9.1 value. The rejection area is in the single bevel CJP weld #17 between 14 mm plate piece at 1437 and 16 mm plate piece at 1437.
2. On 2-9-2006, bike path box panel mark 1427XR was found to have a "Class A" indication that exceeds AWS D1.5: 1996, Table 9.1 value. The rejection area is in the single bevel CJP weld #13 between 16 mm plate piece at 1427 and 16 mm plate piece at 1427.

This NCR will be tracked as MSS-NCR No. 33. MSS was verbally notified of this NCR by Caltrans' METS on 2-9-2006. Please review and address how you plan to resolve this NCR and bring your work back into compliance with the Contract.

Should you have any questions, please call David Wu at 510-622-5104.

Sincerely,

<<< ORIGINAL SIGNED >>>

Mr. David Wu
Senior Bridge Engineer

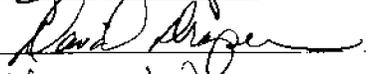
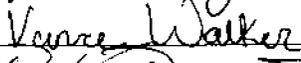
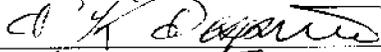
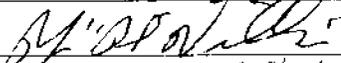
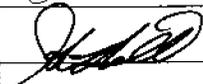
For: Mr. Douglas Coe
Resident Engineer

cc: D. Coe, V. Iyer, I. James, M. Javed, D. Wu, S. Abbas, B. Chew, D. Salladay, H. El-Natur

file: 5.03.1, 9.07.5

UT Training Class
Scanning Patterns
Instructor: Kevin Smith

DATE: 3/2/06

Name	Signature
KEITH STEPHENSON	
DAVID DRAPER	
Vance Walker	
David K Despain	
KEVIN SMITH	
CARL G. CLEMENTS	
Bud Williams	
ALLEN EDDELIN	
Joni Mueh	



MOUNTAIN STATES STEEL, INC.

325 SOUTH GENEVA ROAD, LINDON, UTAH 84003

Telephone (801)785-5085 Fax (801)785-1100

REPORT OF ULTRASONIC INSPECTION

CLIENT: Kiewit / FCI / Manson, A JV

PROJECT: SKYWAY

Job No: 464

DATE: 2/6/06

OUR REPORT NO: 1437GR

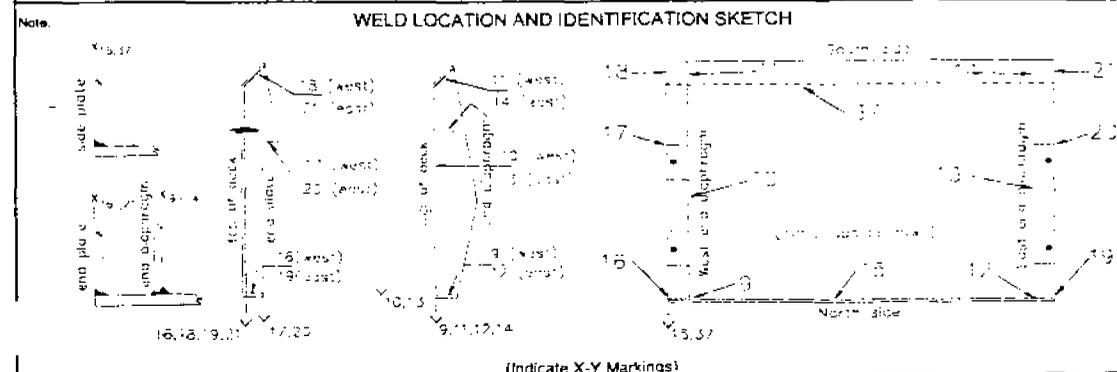
PAGE 1 OF 1

Client Order No. 04-012024 Lab No. Length: Ultrasonic Unit: Krautkramer USN58L Serial No: 010FPY

Method Standard AWS D1.5-95 Thickness: 1/2" Location: Mountain States Steel, Lindon, Utah

Reference: AWS D1.5 Sec. 9, Table 9.1

Weld Identification	Mater Code	Falls Code	Procedure Legend Number	Indication Number	Transducer Angle	From Face	Leg	Indication Level	Reference Level	Attenuation Factor	Indication Rating	Discontinuity		Distance	
												Length	Angular Distance (sound path)	Depth From "A" Surface	From "X"
37	J				70°	A	1-2	S2							
17R1	J		1	1	70°	A	1-2	S2							
9R1	J		1	1	70°	A	1-2	S2							
10R1	J		1	1	70°	A	1-2	S2							
13R1	J		2	1	70°	A	1-2	S2							
	J		3	1	70°	A	1-2	S2							
15R1	J		1	1	70°	A	1-2	S2							



Note: Couplant: Cellulose Gum
 Frequency: 2.25 MHz
 IIW #00-6350 or #03-6385M
 Surface Conditions As Welded

Technician: J.C. [Signature] Level: II Interpreter: Level: *Gain in dB: a-b-c-d *Attenuation of dB: b-a-c-d

Remarks:



MOUNTAIN STATES STEEL, INC.

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REPORT OF ULTRASONIC INSPECTION

CLIENT: Kiewit / FCI / Manson, AJV

PROJECT: SKYWAY

Job No: 464

DATE: 2/13/06

OUR REPORT NO: 1438AR

PAGE 1 OF 2

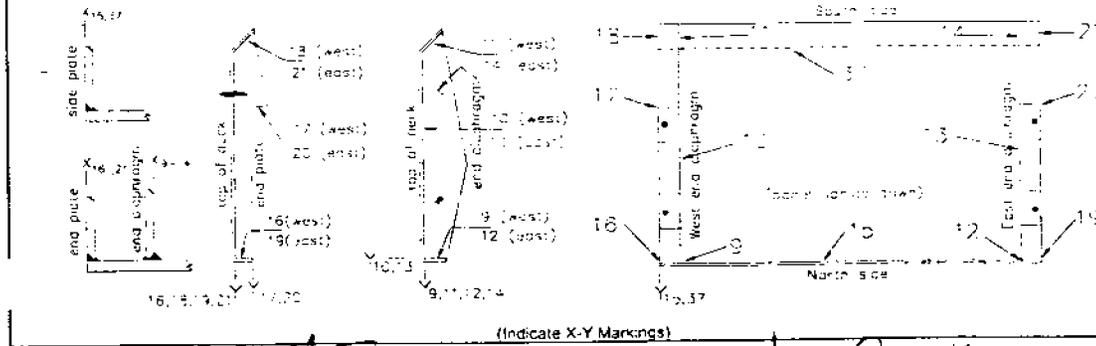
Order No. 04-012024 Lab No. Length: Ultrasonic Unit: Krautkramer USN58L Serial No: 010FPY

Method Standard: AWS D1.5-95 Thickness: 16mm Location: Mountain States Steel, Linton, Utah

AWS D1.5 Sec. 9, Table 9.1

Weld Identification	Welds Code	Falls Code	Procedure Legend Number	Indication Number	Transducer Angle	From Face	Leg	Indication Level	Reference Level	Attenuation Factor	Indication Rating	Discontinuity			Distance	
												Length	Angular Distance (around path)	Depth From "A" Surface	From "X"	From "Y"
13R1	J			1	70°	A	1-2	54								
	J			2	70°	A	1-2	54								
20R1	J			1	70°	A	1-2	54								

WELD LOCATION AND IDENTIFICATION SKETCH



Note:

Couplant: Cellulose Gum

Frequency: 2.25 MHz

HW #00-6350 or #03-6385M

Surface Conditions As Welded:

X-Y Markers

*Use Leg I, II, or III

**Gain in dB

**Attenuation of dB

a-b-c-d

b-a-c-d

Technician: *C.H.C. Goodkill* Level: *II* Interpreter: *John Carroll* Level:

Technician: *David Draper* Level: Interpreter: *David Draper* Level:

Remarks: *David Draper*

DEPARTMENT OF TRANSPORTATION

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



*Flex Your Power
Be Energy Efficient!*

March 10, 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 # 5.03.1-009720

Subject: Response to KFM-SUB-6315, Resolution to MSS - NCR Nos. 33 & 34 - Weld Metal Not Conforming With Contract Specifications

Dear Mr. Zink,
Attention: Corkey Bates,

The Engineer has reviewed the subject submittal, submitted to resolve NCR Nos. 33 & 34. MSS has since conducted remedial training for UT technicians to use proper scanning pattern and addressed the deficiencies listed in the two NCRs. As a result the two NCRs are resolved.

Should you have any questions, please contact David Wu at (510) 622-5104.

Sincerely,

<<< ORIGINAL SIGNED >>>

Mr. David Wu
Senior Bridge Engineer

For: Mr. Douglas Coe
Resident Engineer

cc: D. Coe, V. Iyer, I. James, M. Javed, D. Wu, S. Abbas, B. Chew, D. Salladay, H. El-Natur

file: 5.03.1, 55.6315, 9.07.5