

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 #: **04-0120E4**
Cty **SF** Rte **80** PM **13.4/13.8.**
File # **45.25 B****QUALITY ASSURANCE - NONCONFORMANCE REPORT**Location: **Ingleside, Texas**

Date: 6-29-06

Prime Contractor: **Kiewit/FCI/Manson (KFM) – Joint Venture**

NCR #103

Submitting Contractor: **Kiewit Offshore Services (KOS)****Type of problem:**

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>	
Welding:	<input type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>	Bridge No.: #34-0006L/R
Joint fit-up:	<input checked="" type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	Component: #T1 Foundation Footing
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>			

Description of Non-Conformance:

- 1) KOS Quality Control (QC) allowed KOS to deviate from the approved shop drawings without an approval from the Engineer. KOS altered a joint configuration of end plate P156-1 from an overhead to a flat position weld.
- 2.) KOS Quality Control allowed KOS production to butter end plate P156-1 without the use of weld tabs.
- 3.) Dimensions of the areas buttered on end plate P156-1 are as follows: approximately 60 millimeters in height and approximately 25 millimeters in depth.

Below are two digital pictures illustrating end plate P156-1 built up by welding and the failure to use runoff tabs. On the left is a similar weld joint prior to welding.



Applicable reference: 1) AWS D1.5 2002 section 2.1.3 “Contract design drawings shall specify the effective weld length and, for partial joint penetration (PJP) groove welds, the required weld size, as defined in 2.3. Shop or working drawings shall specify the groove angles (α and β) and depths (S) applicable to the weld size (E) required for the welding processes and position of welding to be used.” 2) AWS D1.5 2002 section 3.12.1 “Welds shall be terminated

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

at the end of a joint in a manner that will ensure sound welds. Whenever possible, this shall be done by the use of weld tabs (extension bars and runoff plates) placed in a manner that will duplicate the joint detail being welded.” 3) Section 3.3.4.2 “Root openings larger than those allowed in 3.3.4.1 may be corrected by welding only with the approval of the engineer.”

Who discovered the problem: Caltrans Quality Assurance Inspector Gregory Bertlesman

Name of individual from Contractor notified: KOS Quality Control Representative (QC) Mr. George Barnhill

Time and method of notification: Verbal with Mr. Barnhill at approximately 0930 hours on June 29, 2006

Name of Caltrans Engineer notified: Mark Vilcheck, Structural Representative

Time and method of notification: June 30, 2006, 1050 via telephone conversation

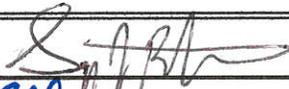
QC Inspector's Name: George Barnhill

Was the QC Inspector aware of problem: Yes

Contractor's proposal to correct the problem: Unknown

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, Ryan Smith (858) 232-6799 who represents the Office of Structural Materials for your project.

Inspected By: Gregory Bertlesman



Quality Assurance Inspector

Reviewed By: Robert Cuellar



Lead QA Inspector

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICES

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Quality Assurance and Source Inspection

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(707) 649-5453

FAX: (707) 649-5493

RECEIVED

004395 JUN 30 08

Contract #: **04-0120E4**
City **SF** Rte **80** PM **13.4/13.8**.
File # **45.25 B****QUALITY ASSURANCE - NONCONFORMANCE REPORT**Location: **Ingleside, Texas**

Date: 6-29-06

Prime Contractor: **Kiewit/FCI/Manson (KFM) – Joint Venture**

NCR #103

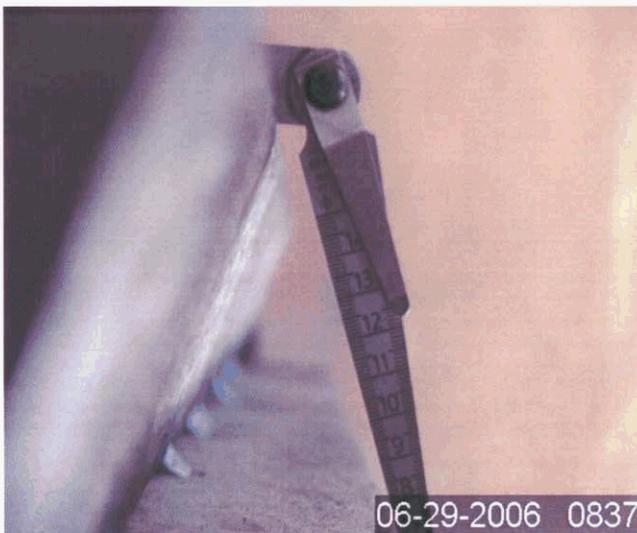
Submitting Contractor: **Kiewit Offshore Services (KOS)****Type of problem:**

Welding	<input checked="" type="checkbox"/>	Concrete	<input type="checkbox"/>	Other	<input type="checkbox"/>	
Welding:	<input type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>	Bridge No.: #34-0006L/R
Joint fit-up:	<input checked="" type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	Component: #T1 Foundation Footing
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>			

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QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

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Time and method of notification: June 30, 2006, 1050 via telephone conversation

QC Inspector's Name: George Barnhill

Was the QC Inspector aware of problem: Yes

Contractor's proposal to correct the problem: Unknown

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, Ryan Smith (858) 232-6799 who represents the Office of Structural Materials for your project.

Inspected By: Gregory Bertlesman

Quality Assurance Inspector

Reviewed By: Robert Cuellar

Lead QA Inspector

RECEIVED
004395 JUN 30 08

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.
Oakland, CA 94607
(510) 286-0538, (510) 286-0550 fax



Kiewit-FCI-Manson, JV
220 Burma Rd.
Oakland, CA 94607

February 5, 2007

Attn: Mr. Lee Zink
Project Director

Contract No. 04-0120E4
04-SF-80-13.4, 13.8
SAS T1 & E2 Foundations
SFOBB-ESSSP

Letter No. 05.003.01-002782

Subject: Response to Submittal No. 1105, Revision No. 00 (KOS Response to METS NCR 103)

Dear Lee,

The Department has reviewed Kiewit-FCI-Manson (KFM) Submittal No. 1105, Revision No. 00, dated November 20, 2006, which responded to the Department's Non-conformance Report (NCR) No. 103. The Department's Letter No. 1509, dated July 7, 2006, notified KFM of the NCR for Kiewit Offshore Services (KOS) dated June 29, 2006. The Department hereby approves Submittal No. 1105, Revision No. 00, pursuant to Section 8-3.01, "Welding," of the Special Provisions. The NCR for KOS dated June 29, 2006, is considered to be resolved.

If you have any questions or need additional information, please contact Mark Vilcheck at (510) 286-0526.

Sincerely,

Rafael Bolon
District Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
M. Vilcheck
R. Smith

file: 05.003.01, 09.006.03, 55.1105

Memorandum

*Flex your power!
Be energy efficient!*

To: MARK VILCHECK
Structure Representative
333 Burma Road
Oakland, CA 94607

COMPLETED

Date: January 19, 2007
File: 04-0120E4
E2/T1 Foundations

From: RYAN T. SMITH
Structural Materials Representative
Quality Assurance and Source Inspection Branch
Office of Structural Materials

KFM SUBMITTAL 1105-00 –KIEWIT OFFSHORE SERVICES (KOS) RESPONSE TO NONCONFORMANCE REPORTS 103

The Office of Structural Materials (OSM) has reviewed the KFM Submittal 1105-00, dated November 20, 2006. In this submittal the Contractor is requesting to close the METS Nonconformance Report (NCR) 103, regarding a base metal repair (buttering of an end plate bevel) that was performed without Engineer approval and without the use of runoff tabs.

The AWS D1.5-2002 Code Section 3.3.4.2 requires root openings larger than those allowed in Section 3.3.4.1 to be corrected by welding, only with the approval of the Engineer. As stated in the Contractor's response dated November 15, 2006, the Contractor elected to proceed with buttering the weld joint of end plate P156 in order to modify the joint configuration from a double bevel a single bevel without approval by the Engineer. Although the Department approved the Contractor's request to make this repair on July 28, 2006, the Contractor was reminded of the contractual requirement to receive prior Engineer approval. Since that time, the Contractor has complied with the specification and no further instances of this issue have occurred.

Additionally, The AWS D1.5-2002 Code, Section 3.12.1 requires welds to be terminated at the end of a joint in a manner that will ensure sound welds. Furthermore, the D1.5 Code requires this be done by the use of weld tabs (extension bars and runoff plates) placed in a manner that will duplicate the joint detail being welded. Although the Contractor's response indicates they used a "weld dam" in lieu of weld tabs, METS informed the Contractor this would not be an acceptable alternative. As requested by the Department, the Contractor did examine the 100% of the repaired area with Ultrasonic

Mark Vilcheck
January 19, 2007
Page 2

and Magnetic Particle Testing. The results presented in the Contractor's response show the welds to be clear of rejectable defects. No further instances of this issue have been documented by METS.

Based on the comments above, METS considers NCR 103 to be closed at this time.

If you have any questions, or would like to discuss the issues, please call me at (858) 232-6799.

cc: Rafael Bolon
Tom Shimada
Patryk Pich
Robert Cuellar

WALZEL Services

PO Box 1817
Aransas Pass, Texas 78335-1817
Phone 1-888-776-0078 • Fax 1-888-220-3077

Date 8/14/06
Report No. MT-225
Page 1 of 1

Customer Kiewit Offshore Services Ltd. DWG. No. _____
Fabricator Kiewit Offshore Services Ltd. Project Name T1 Footing Caltrans
Job No 21103 Job Instructions Per _____

ULTRASONIC		MAGNETIC PARTICLE		PENETRANT		
Instrument		<input type="checkbox"/> Wet	<input checked="" type="checkbox"/> Dry	Brand		Visible
Longitudinal	Shear	<input checked="" type="checkbox"/> AC	<input type="checkbox"/> DC	Type		
	mHz	<input type="checkbox"/> Residual	<input checked="" type="checkbox"/> Continuous		Batch No.	Florescent Minutes
Size	Size	<input checked="" type="checkbox"/> Ten Pound Lift @ 6" spacing Manu factor: Hocker Inc #63 Red		Penetrant		
Type	Type	Equipment Electrospec X-Yoke Serial #9563		Remover		
Couplant	Angle	Procedure WMT-200 Rev.2		Developer		
Procedure	Code	Code AWS D1.5 2002		Procedure		Code

ITEM	QUANTITY	LOCATIONS & IDENTIFICATION	ACCEPTABLE		TYPE OF DEFECTS REMARKS
			Yes	No	
	60 mm	P 31 A CWR #66	✓		final inspection
	1016 mm	P 31 A 10 grind areas on bevel, where sleeve is to be fit.	✓		
	355 mm	P 153-1 Butter up on bevel for web splice P153-1/P154-1	✓		
	1041 mm	P 156-1 Butter up on bevel for web splice P156-1/P154-1	✓		
Total mm inspected - 2472mm			All welds inspected @ 6" Yoke spacing		
Total mm accepted - 2472mm					
Total mm rejected - 0					

Examination Performed By Leonardo Ortiz Accepted By George Barnhill
Leonardo Ortiz MT Level II George Barnhill

WALZEL Services

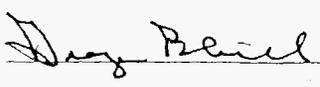
Box 1817
 Kansas Pass, Texas 78335-1817
 Phone 1-888-776-0078 • Fax 1-888-220-3077

Date 8-15-06
 Report No. UT 103
 Page 1 of 1

Customer Kiewit Offshore Services, Ltd. DWG. No. _____
 Fabricator Kiewit Offshore Services, Ltd. Project Name T1 TOWER
 Job No. 21103 Job Instructions Per _____

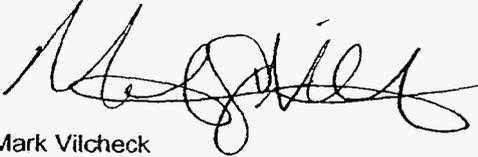
ULTRASONIC		MAGNETIC PARTICLE		PENETRANT		
Instrument Sonatest #2514X		<input type="checkbox"/> Wet	<input type="checkbox"/> Dry	Brand	Visible	
Orientation Longitudinal	Shear	<input type="checkbox"/> AC	<input type="checkbox"/> DC	Type	Fluorescent	
Frequency 2.25 MHz	2.25 MHz	<input type="checkbox"/> Residual	<input type="checkbox"/> Continuous		Batch No.	Minutes
Probe Size 1.0 Round	Size .625	/		Penetrant		
Probe Type Tech.	Type Tech.			Remover		
Couplant Cellulose	Angle ①60②45			Developer		
Procedure I.T. - D1.5-2002	Code AWS D1.5			Procedure		Code

ITEM	QUANTITY	LOCATIONS & IDENTIFICATION	ACCEPTABLE		TYPE OF DEFECTS REMARKS
			Yes	No	
		P-153-1 Butta-up on BEVEL	✓		914mm
		P-156-1 Butta-up on BEVEL	✓		1360
		NOR # 19344			
Total mm inspected - <u>2174</u> Total mm accepted - <u>2174</u> Total mm rejected - <u>0</u>					
Total Hours: _____					

Inspection Performed By  Accepted By 
 Doug Fontenot Level II U.T. George Barnhill

Letter No. 05.003.01-001617
Kiewit-FCI-Manson
Page 2 of 2

Sincerely,



Mark Vilcheck
Structure Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
R. Smith

file: 05.003.01, 09.003.01, 56.252

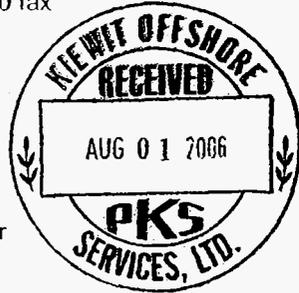
DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.
Oakland, CA 94607
(510) 286-0538, (510) 286-0550 fax



Kiewit-FCI-Manson, JV
220 Burma Rd.
Oakland, CA 94607

Attn: Mr. Christopher Villa
Deputy Project Director



July 28, 2006

Contract No. 04-0120E4
04-SF-80-13.4, 13.8
SAS T1 & E2 Foundations
SFOBB-ESSSP

Letter No. 05.003.01-001618

Distribution:
Phil Sechler
Mike Brown
Mayra Zuniga
George Barnhill
John Berggren-KFM
Brenda Porter

Subject: Response to RFI No. 264, Revision No. 00 (KOS RFI No. 41 re: End PL Butter Ups)

Dear Christopher,

RFI No. 264, Revision No. 00, pertains to the Contractor's request to butter end plate Nos. P141, P156, P157 and P153 of the Pier T1 footing. The Department takes no exception to the request provided that the following conditions are met:

1. The repaired areas shall be subject to magnetic particle testing and ultrasonic testing as required by Section 6.7.3 of the AWS D1.5:2002.
2. Rejectable indications located in the buttered area during the NDT of the completed weld shall not be considered base metal indications and shall be repaired in accordance with the AWS D1.5:2002.
3. The shop drawings shall be revised to reflect the change in joint detail.

If you have any questions or need additional information, please contact Mark Vilcheck at (510) 286-0526.

Sincerely,

Mark Vilcheck
Structure Representative

For: Pedro J. Sanchez
Resident Engineer

cc: P. Sanchez
M. Woods
R. Smith
J. Duxbury

file: 05.003.01, 09.003.01, 56.264

SAS FOUNDATIONS E2/T1 PROJECT	
KIEWIT / FCI / MANSON, A JV	
DATE: 7/31/06	CO/JOB: 364-4347
ROUTED BY: SV	40 04 0120E4
TO:	SPECIAL NOTES
INTERNAL KIM COPIES TO:	
EXTERNAL COPIES TO:	
SCANNED: Y	FILED TO: RFI 264

2440 Kiewit Road
Ingleside, Texas 78362

Phone: (361)-775-4300

TITLE: Butter up on P157,153,141,156

DATE: 6/29/2006

PROJECT: T1 Tower Footing

JOB: 21103

TO: Attn: George Atkinson
Kiewit/FCI/Manson
220 Burma Road
Oakland, CA 94607
Phone: 510-627-1000

WORK STARTED:
WORK COMPLETED:
ANSWER REQUIRED: 7/6/2006
ANSWER RECEIVED:

Fax: 510-832-1456

REQUEST:

KOS is requesting butter up on shelf plates P141, P156, P157, P153. Due to KOS assembly sequence the previously cut bevels are now positioned to create a large overhead weld in a small confined space area. KOS proposes to butter up these beveled edges and re-cut them to change the bevel to the top side. This will reduce the amount of overhead confined space welding. This butter up is 20mm deep by 2" wide.

Requested By: Kiewit Offshore Services, Ltd.

Signed: _____ **Date:** _____
Mike Brown

ANSWER:

State Letter 05.003.01-001618

NCR # 103

Answered By: Kiewit/FCI/Manson

Date: _____

Signed: _____
George Atkinson

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

at the end of a joint in a manner that will ensure sound welds. Whenever possible, this shall be done by the use of weld tabs (extension bars and runoff plates) placed in a manner that will duplicate the joint detail being welded." 3) Section 3.3.4.2 "Root openings larger than those allowed in 3.3.4.1 may be corrected by welding only with the approval of the engineer."

Who discovered the problem: Caltrans Quality Assurance Inspector Gregory Bertlesman

Name of individual from Contractor notified: KOS Quality Control Representative (QC) Mr. George Barnhill

Time and method of notification: Verbal with Mr. Barnhill at approximately 0930 hours on June 29, 2006

Name of Caltrans Engineer notified: Mark Vilcheck, Structural Representative

Time and method of notification: June 30, 2006, 1050 via telephone conversation

QC Inspector's Name: George Barnhill

Was the QC Inspector aware of problem: Yes

Contractor's proposal to correct the problem: Unknown

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, Ryan Smith (858) 232-6799 who represents the Office of Structural Materials for your project.

Inspected By: Gregory Bertlesman

Quality Assurance Inspector

Reviewed By: Robert Cuellar

Lead QA Inspector

Hardcopy Routing Instructions:

DEPARTMENT OF TRANSPORTATIONDIVISION OF ENGINEERING SERVICES
MATERIALS ENGINEERING AND TESTING SERVICESOffice 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) 649-5493Contract #: **04-0120E4**
Cty **SF** Rte **80** PM **13.4/13.8**
File # **45.25 B****QUALITY ASSURANCE - NONCONFORMANCE REPORT**Location: **Ingleside, Texas**

Date: 6-29-06

Prime Contractor: **Kiewit/FCI/Manson (KFM) - Joint Venture**

NCR #103

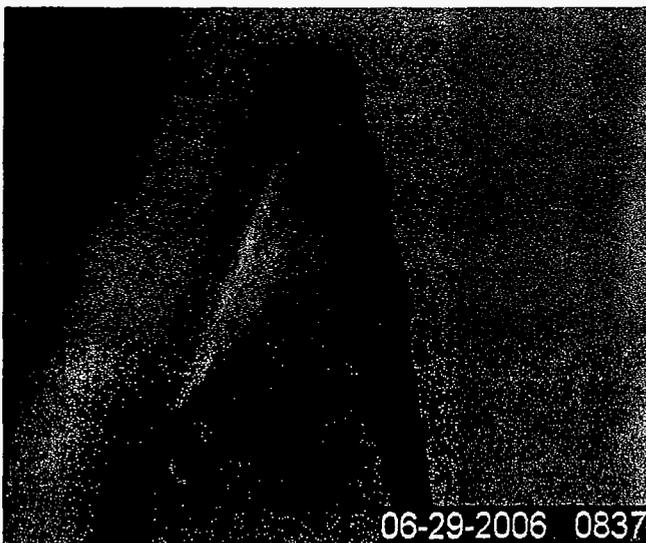
Submitting Contractor: **Kiewit Offshore Services (KOS)****Type of problem:**

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Welding:	<input type="checkbox"/>	Curing:	<input type="checkbox"/>	Procedural:	<input type="checkbox"/>	Bridge No.: #34-0006L/R
Joint fit-up:	<input checked="" type="checkbox"/>	Coating:	<input type="checkbox"/>	Other:	<input type="checkbox"/>	Component: #T1 Foundation Footing
Procedural:	<input checked="" type="checkbox"/>	Procedural:	<input type="checkbox"/>			

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KOS requests Caltrans close NCR #103 based on RFI #041, State Letter 1618, and the attached NDE reports clearing the welds.

Regards,

A handwritten signature in black ink, appearing to read 'George Barnhill', written in a cursive style.

George Barnhill

QCM KOS

Ingleside, TX



November 15, 2006

Chris Webb
QCM KFM JV
Oakland, CA

Subject: Response to NCR #103

Caltrans NCR #103 stated:

1. KOS Quality Control (QC) Inspectors have allowed KOS to deviate from the approved shop drawing without an approval from the Engineer. KOS altered a joint configuration of end plate P156-1 from and overhead to a flat position weld.
KOS had written a Request for Information #041 on June 29, 2006 (KFM No. 264). The answer from Caltrans was sent out on July 28, 2006, stating that the department takes no exception to the request provided that the following conditions are met.
 - A. ***The repaired areas shall be subject to magnetic particle testing and ultrasonic testing as required by Section 6.7.3 of AWS D1.5:2006. These NDE reports are attached to this letter.***
 - B. ***Reject able indication located in the buttered area during the NDT of the completed weld shall not be considered base metal indications and shall be repaired in accordance with AWS D1.5:2002. KOS agrees with the statement.***
 - C. ***The shop drawing shall be revised to reflect the change in joint detail.***
2. KOS Quality Control (QC) allowed KOS production to butter end plate P156-1 without the use of weld tabs.
KOS did not use weld tabs. However, the weld was run past and a weld dam was used as shown in the second picture of the NCR. KOS performed NDE clearing the weld.
3. Dimensions of the areas buttered on end plate P156-1 are as follows:
Approximately 60 millimeters in width and approximately 25 millimeters in depth.
The buttered area was 25 millimeters in depth which exceeds the allowable of 20 millimeters. RFI #041 addresses the butter-up.



Kiewit

2440 Kiewit Road
Ingleside, Texas 78362
Phone: 361-775-4300

TRANSMITTAL

No. 00608

Kiewit Offshore Services, Ltd.

KOS Job: 21103

PROJECT: T1 Tower Footing
Kiewit/FCI/Manson

REF: Response to NCR#103

ATTN: Chris Webb

DATE: 11/15/2006

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
<input type="checkbox"/> Shop Drawings	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Approved as Submitted
<input type="checkbox"/> Letter	<input checked="" type="checkbox"/> Your Use	<input type="checkbox"/> Approved as Noted
<input type="checkbox"/> Prints	<input type="checkbox"/> As Requested	<input type="checkbox"/> Returned After Loan
<input type="checkbox"/> Change Order	<input type="checkbox"/> Review and Comment	<input type="checkbox"/> Resubmit
<input type="checkbox"/> Plans		<input type="checkbox"/> Submit
<input type="checkbox"/> Samples	SENT VIA:	<input type="checkbox"/> Returned
<input type="checkbox"/> Specifications	<input checked="" type="checkbox"/> Attached	<input type="checkbox"/> Returned for Corrections
<input type="checkbox"/> Other:	<input type="checkbox"/> Separate Cover Via:	<input type="checkbox"/> Due Date:

DRAWING NO.	REV.	COPIES	DATE	DESCRIPTION
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	4		11/15/2006	Response to NCR #103
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Remarks:

Signed: 
George Barnhill



P.O. BOX 23223 Oakland, CA 94623
 Phone (510) 419-0120 / Fax (510) 832-1456

LETTER OF SUBMITTAL
SAS Foundations E2/T1 Project

Run Date 20-Nov-06
 Time 1:12 PM

Dated: 20-Nov-2006

SUBMITTAL No: KFM-SUB-001105

Rev: 00

To: **Pedro Sanchez**
 Caltrans - SAS E2/T1 Foundation Project
 333 Burma Road
 Oakland CA 94607
 Phone: 510-286-0538 Fax:

Co/Job # 364-4347
 Contract # 04-0120E4
 Sub/Supplier: KOS
 Sub/Supplier No: 608

Subject: KOS Response to METS NCR 103

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"/> Contract Plans/Specs | <input type="checkbox"/> Certs of Compl./Samples | <input type="checkbox"/> Working Drawings |
| <input type="checkbox"/> Drawings/Calculations | <input type="checkbox"/> Schedule | <input type="checkbox"/> WQCP and/or Addenda |
| <input type="checkbox"/> Change Order | <input type="checkbox"/> Progress Estimate Request | <input type="checkbox"/> Weekly Weld Reports |
| <input checked="" type="checkbox"/> Copy of Letter | <input type="checkbox"/> Payroll Information | <input type="checkbox"/> CWR Procedure |

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	15-Nov-06	1	NCR Response		0	Pending	12

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 : 27-Nov-2006

Submitted By: Chris Webb
 (KFM Staff Member - Originator of Transmittal)

Checked & Sent By: *S Bowles*
 Contract Admin/DCS Staff