

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 #: **04-0120E4**
 Cty **SF** Rte **80** PM **13.4/13.8.**
 File # **45.25 B**

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: **Ingleside, Texas**

Date: 11-8-06

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

NCR #125

Submitting Contractor: **Kiewit Offshore Services (KOS)**

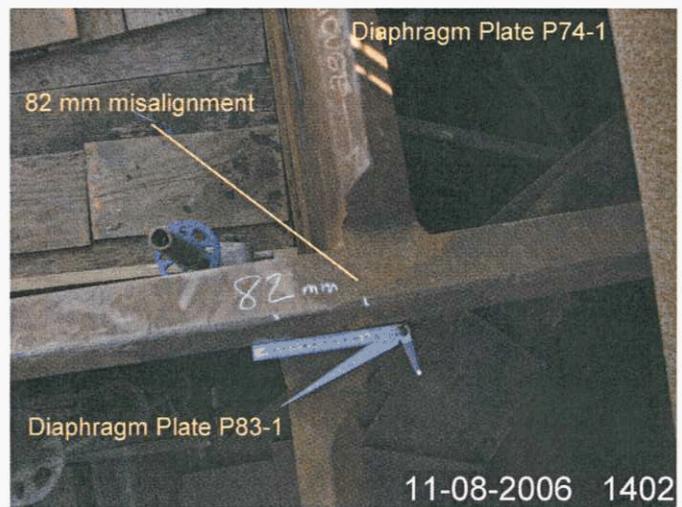
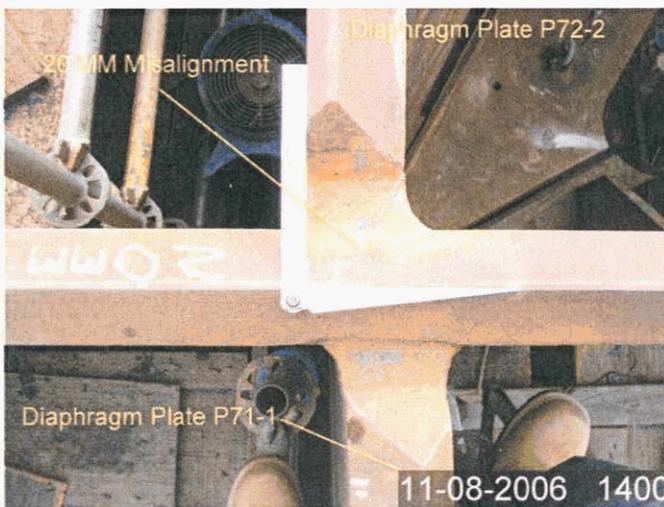
Type of problem:

Welding **Concrete** **Other**
Welding: **Curing:** **Procedural:** **Bridge No.:** #34-0006L/R
Joint fit-up: **Coating:** **Other:** **Component:** #T1 Foundation Footing
Procedural: **Procedural:**

Description of Non-Conformance: KOS Quality Control has allowed the fit-up and welding of misaligned discontinuous diaphragm plates that exceed the five-millimeter maximum as required by the contract Special Provisions. Below are the locations affected:

- Location 1) Diaphragm Plate P71-1 to Diaphragm Plate P72-1 has 20 millimeters of misalignment.
- Location 2) Diaphragm Plate P83-1 to Diaphragm Plate P74-1 has 82 millimeters of misalignment.
- Location 3) Diaphragm Plate P83-2 to Diaphragm Plate P94-2 has 49 millimeters of misalignment.
- Location 4) Diaphragm Plate P91-1 to Diaphragm Plate P92-1 has 23 millimeters of misalignment.

Below are digital photographs of the discrepancies described above at two locations.



Applicable reference: Special Provisions Section 10-1.31-Shop Welding paragraph H. Dimensional Tolerances, states “Where a discontinuous member provides a continuous load path on either side of a through member, the method of marking and ensuring alignment shall be described in the dimensional control procedure. Misalignment

005553 NOV-98 RECEIVED

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

between discontinuous members shall not exceed 30% of the thickness of the thinner member or 5 mm, whichever is less.”

Who discovered the problem: Quality Assurance Inspector Andrew Hosman and 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 1330 hours on 11-8-2006

Name of Caltrans Engineer notified: Mark Vilcheck, Structures Representative

Time and method of notification: 1345 hours, November 8, 2006, 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
005553 NOV-98

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. Lee Zink
Project Director

February 14, 2007

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

Letter No. 05.003.01-002857

Subject: Response to Submittal No. 1208, Revision No. 00 (KOS Response to METS NCR 125 (KFM NCR 26))

Dear Lee,

The Department has reviewed Kiewit-FCI-Manson (KFM) Submittal No. 1208, Revision No. 00, dated January 8, 2007, which responded to the Department's Non-conformance Report (NCR) No. 125 (KFM NCR No. 26). The Department's Letter No. 2233, dated November 13, 2006, notified KFM of the NCR for Kiewit Offshore Services (KOS) dated November 8, 2006. The NCR was generated when QA observed that KOS QC allowed the fit-up and welding of misaligned discontinuous diaphragm plates that exceed the five-millimeter maximum as required by Note H under "Design Details" in the "Shop Welding" subsection of Section 10-1.31, "Steel Structures," of the Special Provisions.

The Department understands that the Contractor has corrected the misalignment by transitioning the weld on both sides of the discontinuous members at a 2.5 to 1 slope and examined 100% of the weld with ultrasonic examination. The amount of misalignment in the P71/P72-1 connection was verified by the Contractor to be less than 5 mm between the end plate and the base plate, thus per the discussion between the Department and the Contractor of January 11, 2007, additional weld metal in this area is not necessary.

The Department further understands that repairs were conducted in accordance with the Department's Letter No. 2440, dated December 19, 2006.

The Department hereby approves Submittal No. 1208, Revision No. 00, pursuant to Section 8-3.01, "Welding," of the Special Provisions. The NCR for KOS dated November 13, 2006, is considered to be resolved.

If you have any questions or need additional information, please contact Rafael Bolon at (510) 286-0308.

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, 55.1208

Memorandum

*Flex your power!
Be energy efficient!*

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

Date: February 2, 2007

File: 04-0120E4
E2/T1 Foundations

COMPLETED

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

KFM SUBMITTAL 1208-00 –KIEWIT OFFSHORE SERVICES (KOS) RESPONSE TO NONCONFORMANCE REPORTS 125

The Materials Engineering and Testing Service (METS) has reviewed the KFM Submittal 1208-00, dated January 8, 2007. In this submittal the Contractor is requesting to close the METS Nonconformance Report (NCR) 125, which documented misaligned diaphragm (web) plates at two locations within the T1 Footing.

In November 2006, METS discovered the Contractor welded web plates P71-1 to P72-1 and web plates P91-1 to P92-1 with 20mm and 23 mm of misalignment respectively. As specified in the contract Special Provisions, Section 10-1.31, Paragraph H, discontinuous members that provide a continuous load path on either side of a through member shall not be misaligned more than 30% of the thickness of the thinner member or 5mm, whichever is less. The misaligned plates in question are 65mm thick, thus only 5mm of misalignment is allowable.

As indicated in the KOS letter dated December 27, 2006, the Contractor has corrected the misalignment by transitioning the weld on both sides of the discontinuous members at a 2.5 to 1 slope and examined 100% of the weld with Ultrasonic Examination (UT) (per State Letter 05.003.01-002440). However, as discussed during the onsite meeting between the Department and the Contractor on January 11, 2007, the Contractor was only required to transition the offset plates for the full height of the web on the P92-1/P91-1 connection. The amount of misalignment in the P71-1/P72-1 connection was verified by the Contractor to be less than 5mm between the end plate and the base plate, thus additional weld metal in this area was not deemed necessary by the Design Team.

Mark Vilcheck
February 2, 2007
Page 2

Additionally, the Contractor's response to NCR 125 indicates that they will ensure dimensional control verification has been checked by both the Quality Control personnel and the production Leadman prior to the welding of plates. It is METS understanding that this will not be necessary on the diaphragm plates as they had all been fit-up and partially welded at the time the response was forwarded to the Department.

The NCR also calls attention to misalignment at the connection of plates P83-2 to P94-2 and P83-2 to P74-1. It should be noted that the locations of these plates have been reviewed and resolved as part of the Department's response to KFM Request for Information (RFI) 250. METS has confirmed that the plates were not transitioned as indicated in line 2 and 3 of the Contractor's response to NCR 125.

Please know that METS personnel have verified the repairs were conducted in accordance with State Letter 05.003.01-002440 and the comments made during the meeting on January 11, 2007; METS considers NCR 125 to be resolved 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



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 05-Jan-07
 Time 4:24 PM

Dated: 08-Jan-2007
 To: Pedro Sanchez
 Caltrans - SAS E2/T1 Foundation Project
 333 Burma Road
 Oakland CA 94607
 Phone: 510-286-0538 Fax:

SUBMITTAL No: KFM-SUB-001208 Rev: 00
 Co/Job # 364-4347
 Contract # 04-0120E4
 Sub/Supplier: KOS
 Sub/Supplier No: 732

Subject: KOS Response to METS NCR 125 (KFM NCR 26)

Special Provis. (SP) REF: 08-3.01
 Standard Spec. (SS) REF:
 RESUBMITTAL/SUPPLEMENTAL REF:

- We are sending the following attached items: Attached Via Fax
- Contract Plans/Specs
 - Certs of Compl./Samples
 - Working Drawings
 - Drawings/Calculations
 - Schedule
 - WQCP and/or Addenda
 - Change Order
 - Progress Estimate Request
 - Weekly Weld Reports
 - Copy of Letter
 - Payroll Information
 - CWR Procedure

Item	Date	Copies	Description	Drawing No	Rev	Status	Pages
01	04-Jan-07	1	NCR Response		0	Pending	11

- 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 : 12-Jan-2007

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

Checked & Sent By:
 Contract Admin/DCS Staff



Kiewit

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

Kiewit Offshore Services, Ltd.

TRANSMITTAL

No. 00732

KOS Job: 21103

PROJECT: T1 Tower Footing
Kiewit /FCI/Madson

REF: Clearing of NCR #125

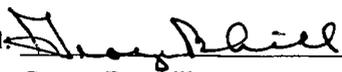
ATTN: Chris Webb

DATE: 1/4/2007

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		<input type="checkbox"/> Returned
<input type="checkbox"/> Specifications	SENT VIA: <input checked="" type="checkbox"/> Attached	<input type="checkbox"/> Returned for Corrections
<input checked="" type="checkbox"/> Other: NCR	<input type="checkbox"/> Separate Cover Via:	<input type="checkbox"/> Due Date:

DRAWING NO.	REV.	COPIES	DATE	DESCRIPTION
NCR# 109		4	1/4/2007	Clearing of NCR #125

Remarks:

Signed: 
George Barnhill



Chris Webb
QCM KFM JV.
Oakland, CA

Date: 12/27/2006

Subject: Clearing of NCR #125.

Chris:

We were issued a NCR (#125) for the following reason:

The Department issued a Non-conformance Report (NCR) at Kiewit Offshore Services, Ltd. (KOS) in Ingleside, Texas, on November 8, 2006. The NCR was generated when QA observed that KOS QC allowed the fit-up and welding of misaligned discontinuous diaphragm plates that exceed the five-millimeter maximum as required by Note H under "Design Details" in the "Shop Welding" subsection of Section 10-1.31, "Steel Structures", of the Special Provisions. The following locations are affected:

1. Diaphragm plate P71-1 to diaphragm plate P72-1 has 20 millimeters of misalignment.
KOS will transition the weld at this location with a 1 on 2.5 transition weld. As stated in State Letter Number 05.003.01-002440
2. Diaphragm plate P83-1 (Caltrans QA changed this to P88-1 that was listed on the drawings) to P74-1 has 82 millimeters of misalignment.
KOS will transition the weld at this location with a 1 on 2.5 transition weld. As stated in State Letter Number 05.003.01-002440
3. Diaphragm plate P83-2 (Caltrans QA changed this to P88-2 that was listed on the drawings) to P94-2 has 49 millimeters of misalignment.
KOS will transition the weld at this location with a 1 on 2.5 transition weld.
As stated in State Letter Number 05.003.01-002440
4. Diaphragm plate P91-1 to diaphragm plate P92-1 has 23 millimeters of misalignment.
KOS will transition the weld at this location with a 1 on 2.5 transition weld. As stated in State Letter Number 05.003.01-002440

The measures that KOS will take in the future will be to make sure the diaphragm are properly aligned and with the fitter lead man and the QC inspector check and signoff with out fail.



KOS is asking the Department to close out this NCR. If you have any questions, or need any additional information to close out this NCR, I can be reached at 361-775-4420 or my cell is 361-385-0189.

A handwritten signature in black ink, appearing to read "George Barnhill".

George Barnhill
QCM KOS
Ingleside, TX

Cc: Scott Cheney, Mike Brown

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. Lee Zink
Project Director



December 18, 2006

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

Letter No. 05.003.01-002440

Distribution:

- Phil Sechler
- Mike Brown
- Mayra Zuniga
- George Barnhill
- John Berggren-KFM
- Brenda Porter
- Michael Schafersman

Subject: Response to RFI No. 341, Revision No. 00 (KOS RFI-087 -- Misaligned Diaphragm Plates)

Dear Lee,

RFI No. 341, Revision No. 00, pertains to the misaligned diaphragm plates of the Pier T1 footing. Regarding this RFI, the survey data for P71, P72, P91 and P92 indicates that the alignments of the diaphragm plates are out of tolerance per the Special Provisions. The Contractor shall provide resolution for the misalignment at no additional cost to the Department. An acceptable method to correct the misalignment is to add a fillet weld on both sides of P80 and P89 with a 2.5 to 1 transition between the misaligned diaphragm plates. The finished weld shall be UT inspected.

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

SAS FOUNDATIONS E2/T1 PROJECT	
MANSON A JV	
DATE	12/19/2006
ROUTED	SBJ
TO:	
COPIES TO:	
INTERNAL COPIES TO:	
SCANNED	(Y) N
FILED TO:	RFI 341

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

file: 05.003.01, 56.341

21103CN-0847

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. Chris Webb
Welding Quality Control Manager



November 13, 2006

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

Letter No. 05.003.01-002233

Distribution:

- Phil Sechler
- Mike Brown
- Mayra Zuniga
- George Barnhill
- John Berggren-KFM
- Brenda Porter
- Michael Schafersman

Subject: NCR - Kiewit Offshore Services, 11/08/06 (Misaligned Diaphragm Plates)

Dear Chris,

The Department issued a Non-conformance Report (NCR) at Kiewit Offshore Services (KOS) in Ingleside, Texas, on November 8, 2006. The NCR was generated when QA observed that KOS QC allowed the fit-up and welding of misaligned discontinuous diaphragm plates that exceed the five-millimeter maximum as required by Note H under "Design Details" in the "Shop Welding" subsection of Section 10-1.31, "Steel Structures," of the Special Provisions. The following locations are affected:

1. Diaphragm plate P71-1 to diaphragm plate P72-1 has 20 millimeters of misalignment.
2. Diaphragm plate P83-1 to diaphragm plate P74-1 has 82 millimeters of misalignment.
3. Diaphragm plate P83-2 to diaphragm plate P94-2 has 49 millimeters of misalignment.
4. Diaphragm plate P91-1 to diaphragm plate P92-1 has 23 millimeters of misalignment.

QA verbally notified Mr. George Barnhill, KOS QC Manager, of this non-conformance on November 8, 2006.

Please describe what measures the Contractor will take to resolve this NCR. Also, describe how the Contractor will avoid this situation from happening in the future.

21103CN-0679

SAS FOUNDATIONS E2/T1 PROJECT	
KIEWIT-FCI-MANSON A JV	
DATE 11/13/2006	CO/JOB 364 4347
ROUTED BY SBU	NO 04-0120E4
TO	SPECIAL NOTES:
INTERNAL KFM COPIES TO:	
EXTERNAL COPIES TO:	
SCANNED: (Y) N	FILED TO: CH Letter 2233

**Kiewit**2440 Kiewit Road
Ingleside, Texas 78362
Phone: (361)-775-4300**TRANSMITTAL****No. 00671****Kiewit Offshore Services, Ltd.****KOS Job: 21103****PROJECT:** T1 Tower Footing
Kiewit Offshore Services, Ltd.**REF:** NCR# 125 - REVISED**ATTN:** Mike Brown**DATE:** 12/6/2006

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
<input type="checkbox"/> Shop Drawings	<input 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 checked="" 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 checked="" type="checkbox"/> Other:	<input type="checkbox"/> Separate Cover Via:	<input type="checkbox"/> Due Date:

DISTRIBUTION:

KOS	Brenda Porter
KOS	Mayra Zuniga
KOS	Michael Schafersman
KOS	Mike Brown
KOS	Phil Sechler
KOS	Scott Cheney
WALZEL	George Barnhill

DRAWING NO. REV. COPIES DATE DESCRIPTION

NCR# 125	1	11/29/2006	Title: QUALITY ASSURANCE - NONCONFORMANCE REPORT
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Remarks:Signed: _____
Mike Brown

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 #: **04-0120E4**City **SF** Rte **80** PM **13.4/13.8.**File # **45.25 B**

QUALITY ASSURANCE - NONCONFORMANCE REPORT

Location: **Ingleside, Texas**

Date: 11-8-06

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

NCR # 125

Submitting Contractor: **Kiewit Offshore Services (KOS)**

Revised
R.C. 11/29/2006

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 type="checkbox"/>	Procedural:	<input type="checkbox"/>			

Description of Non-Conformance: KOS Quality Control has allowed the fit-up and welding of misaligned discontinuous diaphragm plates that exceed the five-millimeter maximum as required by the contract Special provisions. Below are the locations affected:

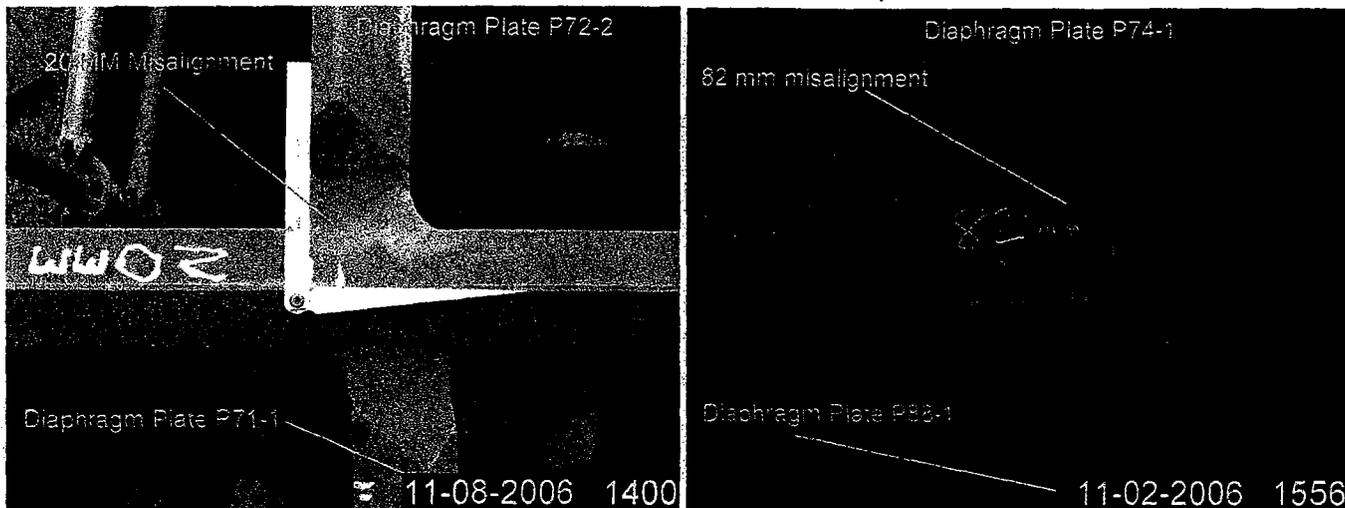
Location 1) Diaphragm Plate P71-1 to Diaphragm Plate P72-1 has 20 millimeters of misalignment.

Location 2) Diaphragm Plate P88-1 to Diaphragm Plate P74-1 has 82 millimeters of misalignment.

Location 3) Diaphragm Plate P88-1 to Diaphragm Plate P94-2 has 49 millimeters of misalignment.

Location 4) Diaphragm Plate P91-1 to Diaphragm Plate P92-1 has 23 millimeters of misalignment.

Below are digital photographs of the discrepancies described above.



Applicable reference: Shop welding section, in the Special Provisions, paragraph H. Dimensional Tolerances, states “Where a discontinuous member provides a continuous load path on either side of a through member, the method of marking and ensuring alignment shall be described in the dimensional control procedure. Misalignment between discontinuous members shall not exceed 30% of the thickness of the thinner member or 5 mm, whichever is less.”

Who discovered the problem: Quality Assurance Inspector Andrew Hosman and Gregory Bertlesman.

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

TL-15, Nonconformance Report (7/24/06)

Page 1 of 2

Hardcopy Routing Instructions:

1. Resident Engineer

2. Inspecting Branch Contract File

3. Responsible Branch Contract File (with supporting documentation)

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

Time and method of notification: Verbal with Mr. Barnhill at approximately 1330 hours on 11-8-2006

Name of Caltrans Engineer notified: Mark Vilcheck, Structures Representative

Time and method of notification: 1345 hours, November 8, 2006, 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



Kiewit

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

Kiewit Offshore Services, Ltd.

TRANSMITTAL

No. 00596

KOS Job: 21103

PROJECT: T1 Tower Footing
Kiewit Offshore Services, Ltd.

REF: NCR# 125

ATTN: Mike Brown

DATE: 11/13/2006

WE ARE SENDING	SUBMITTED FOR	ACTION TAKEN
<input type="checkbox"/> Shop Drawings	<input 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 checked="" 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 checked="" type="checkbox"/> Other:	<input type="checkbox"/> Separate Cover Via:	<input type="checkbox"/> Due Date:

DISTRIBUTION

- KOS Brenda Porter
- KOS Mayra Zuniga
- KOS Michael Schafersman
- KOS Mike Brown
- KOS Phil Sechler
- KOS Scott Cheney
- WALZEL George Barnhill

DRAWING NO.	REV.	COPIES	DATE	DESCRIPTION
NCR# 125		1	11/8/2006	Title: QUALITY ASSURANCE - NONCONFORMANCE REPORT

Remarks:

Signed: _____

Mike Brown

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: 11-8-06

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

NCR #125

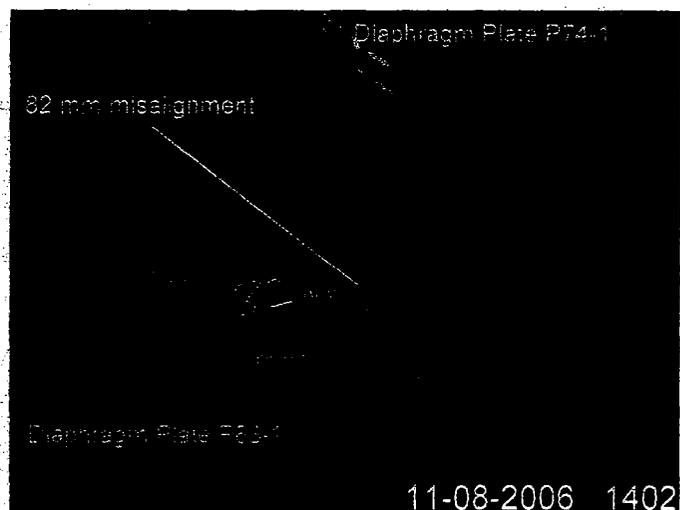
Submitting Contractor: **Kiewit Offshore Services (KOS)****Type of problem:**

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 type="checkbox"/>	Procedural:	<input type="checkbox"/>			

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Applicable reference: Special Provisions Section 10-1.31-Shop Welding paragraph H. Dimensional Tolerances, states "Where a discontinuous member provides a continuous load path on either side of a through member, the method of marking and ensuring alignment shall be described in the dimensional control procedure. Misalignment

QUALITY ASSURANCE - NONCONFORMANCE REPORT

(Continued, Page 2 of 2)

between discontinuous members shall not exceed 30% of the thickness of the thinner member or 5 mm, whichever is less.”

Who discovered the problem: Quality Assurance Inspector Andrew Hosman and 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 1330 hours on 11-8-2006

Name of Caltrans Engineer notified: Mark Vilcheck, Structures Representative

Time and method of notification: 1345 hours, November 8, 2006, 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